003223

STATUS REPORT ON THE CLAIM GROUPS
HELD BY PELLY RIVER MINES

WH9204
May, 1992

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Introduction

Pelly River Mines Limited (N.P.L.) beneficially owns 197 claims and mineral leases in the Anvil Pb-Zn-Ag District, Central Yukon. The claims are in the Whitehorse Mining District on map sheets 105K 2, 3 and 6. There are five claim blocks: BILL, LO, JOE, TIE and GALE. There are also a number of QUE and WHI fractional claims in the various claim blocks. The claims include a portion of the Dy Pb-Zn-Ag deposit and a small part of the subeconomic down dip extension of the Grum Pb-Zn-Ag deposit. The claims cover part of the central portion of the Anvil Pb-Zn-Ag District and have potential for further ore discovery. The purpose of this report is to review the exploration potential of land holdings other than the portion containing the Dy deposit.

Regional Geology

The geology of the Anvil District is described in detail by Jennings and Jilson (1986) and Pigage (1989). Exploration methods are described by Chisholm (1957), Aho (1966), Brock (1973) and an unpublished manuscript by Jennings and Simpson (1984).

The district is underlain by complexly deformed lower Palaeozoic metasediments with lesser mafic meta-igneous rocks (figure 1). The metasediments hosting the ore bodies have been divided into two informally named formations:

1) Mt. Mye formation (Cambrian and Hadrynian) mainly schist and phyllite with lesser interlayers of marble, calc-silicate, amphibolite and carbonaceous schist;

2) Vangorda formation (Cambrian and Ordovician) mainly variably calcareous phyllite and calc-silicate phyllite to schist with lesser interlayers of greenstone/amphibolite, and carbonaceous phyllite.

The lead-zinc-silver bearing, syn-sedimentary, stratiform, exhalative orebodies are hosted by a 150m thick stratigraphic interval including the upper Mt. Mye formation and lower Vangorda formation. The ore deposits occur along a curving trend that appears to spatially correspond to thickness variations in a basal carbonaceous member of the Vangorda formation. Massive sulphide and quartzite hosted disseminated sulphides occur in several layers throughout the interval. The ore layers are up to 30m thick and 2000m in diameter. Typically several layers are stacked one above another. The layers are zoned from basal and peripheral carbonaceous, pyritic quartzite, upwards and inwards to central massive sulphides commonly with a baritic cap. Footwall alteration occurs below several ore horizons.

Mesozoic superimposed folding and greenschist to amphibolite facies dynamothermal metamorphism has created complex folded orebodies.

Late in the metamorphic history a large, granitic intrusive body, the Anvil Batholith, showing 100ma. cooling ages, intruded the metamorphic pile. Final emplacement of the

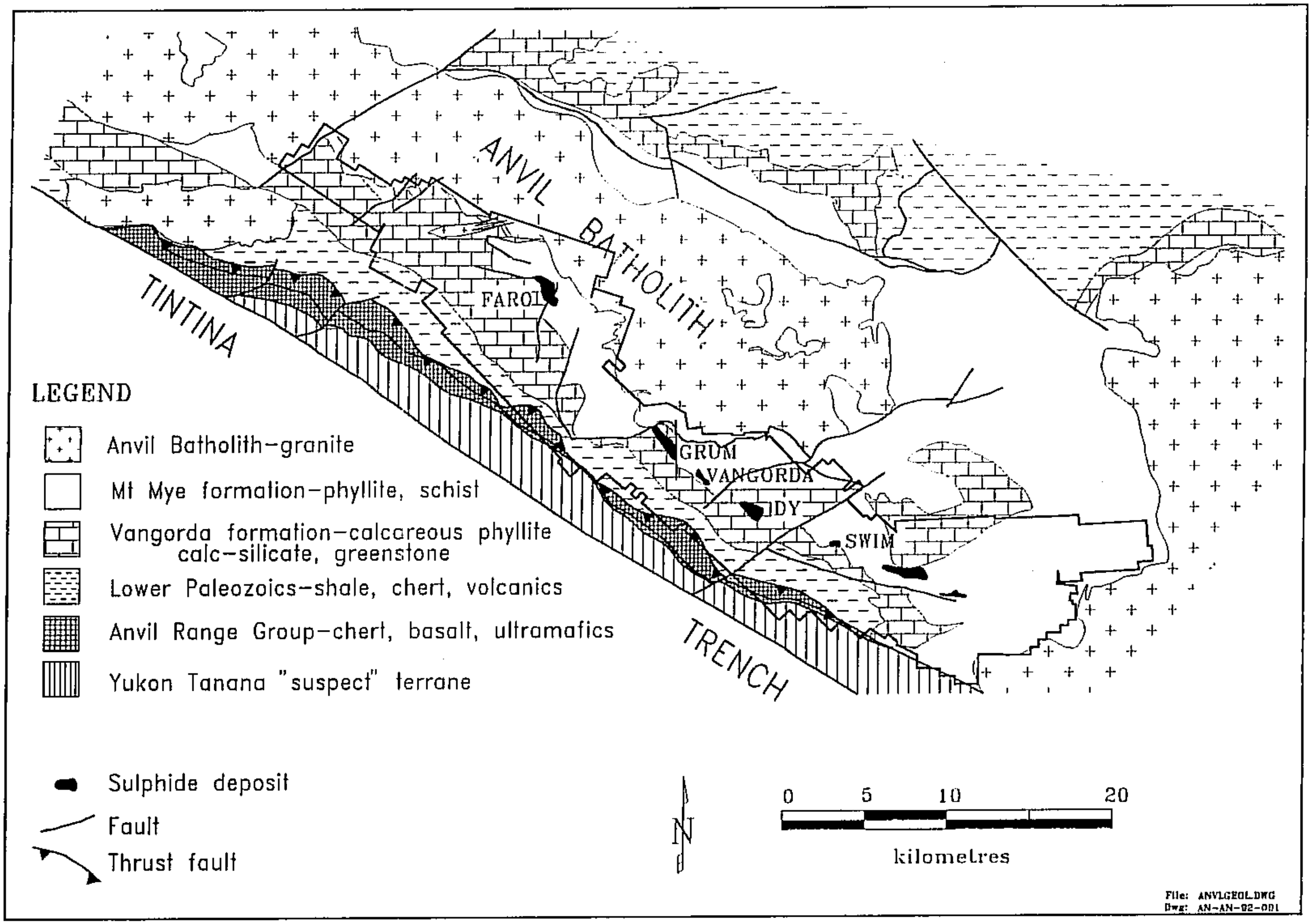

Figure 1: Geological map of the Anvil Pb-Zn-Ag District. Two unnamed sulphide deposits at the southeast end of the chain of deposits are not Pb-Zn bearing. The Anvil Range Group and Yukon Tanana terrain represent exotic terranes sutured to the North American rocks of the Anvil Range Pb-Zn-Ag District. The Tintina trench is the locus of a strike slip fault with 500km of dextral offset. The outline of Curragh's claim group is shown as a bold line.

batholith caused major extensional faulting as the high grade metamorphic and intrusive core of the district rose up through the low grade carapace.

The area was covered by the Cordilleran ice sheet. Ice flow was from east to west. Patches of till and glacio-fluvial deposits occur throughout the district, some are over 30m thick and pose a challenge to both geophysical and geochemical exploration. Valleys and lowland areas are commonly extensively mantled by glacial till.

Exploration History

The thirty-five year exploration history of the Anvil District has seen techniques evolve gradually through the following stages:

- conventional prospecting, resulting in the discovery of Vangorda in 1953,
- saturation geophysical and geochemical prospecting, resulting in the discovery of Swim in 1964 and Faro in 1965,
- geological extrapolation aided by detailed geophysics, resulting in the discovery of Grum in 1973,
- deep drilling guided by geological projections, which resulted in the discovery of Dy in 1976.

Successful techniques have included airborne magnetics, electromagnetic and gravity surveys, lead and zinc soil geochemistry, geology and prospecting. These techniques have been applied throughout the district from the late sixties to early eighties. Since the early eighties time there have been no substantive geophysical or geochemical surveys.

In addition to geological mapping and diamond drilling, key exploration surveys which will be referred to below include:

- airborne EM and magnetic surveys flown in 1963-64,
- various ground surveys (CEM, magnetic, gravity, geochemical) carried out through the 1960's,
- blanket Turam with selected gravity coverage in the mid to late 1970's,
- overburden drilling in 1971,
- regional soil geochemical surveys in the early 1970's.

All of these surveys have been compiled in a systematic series of map sheets covering the entire district at 1"=1,000' and 1"=2,000'.

The geologic model of the deposits used to guide exploration is a variation of the sedex model which incorporates a broad favourable stratigraphic interval (the lower Vangorda and upper Mt. Mye formation) upon which is superimposed an empirically determined favourable trend. The favourable trend may relate to a syn-depositional fault that guided the discharge of ore forming solutions to the sea floor as well as local sedimentary facies. The orebodies are stratiform lenses within the bedding plane. Layering in the district is generally shallowly dipping so that vertical drillholes have a good chance of intersecting ore bearing structures. No chemical mineralogic or isotopic zoning patterns have yet been developed as a guide to ore. Compressional folding and extensional faulting are further determining factors in the location of ore.

Figure 2 shows the exploration potential of the district inferred from application of this model. There has been very little diagnostic sampling of the area southwest of the "favourable trend" thus exploration off that trend should not be ignored.

Further details on geology and exploration background can be found in Appendix A.

Overview of the Area of the Pelly River Mines Holdings

The Pelly River Mines Limited (N.P.L.) claims occur in two of the major geographic and geologic subdivisions of the Anvil Range, the Faro Block and the Vangorda Plateau (figure 3).

The division between the Faro Block and Vangorda Plateau is marked by the Tie fault. The Tie fault is an extensional fault striking northeast and dipping 45° southeast. It down drops rocks of the Vangorda Plateau 1,000 to 1,500m relative to those of the Faro Block.

Faro Block

The Faro Block includes that portion of the district extending from the Tie Fault trace to the northwest of the Faro minesite. The favourable stratigraphic units here have been metamorphosed to amphibolite facies in large part. Rock unit boundaries and layering are largely transposed into the second phase metamorphic foliation which is pervasive in the area and generally dips gently southwest or west. Deep drilling in this area has concentrated on the area down dip of the Faro Deposit also extending along strike a few km to the northwest; one deep hole and a number of shallow holes have been put down between Faro and Grum northwest of the Ski Hill.

The Faro Block includes the BILL, LO, JOE and part of the TIE claims.

Vangorda Plateau

The Vangorda Plateau is an incised plateau or bench on the south flank of the Mt. Mye massif. There are local patches of thick glaciofluvial deposits but fair exposure can be found over much of the area. The area lies between the Tie and Blind Creek faults southwest of the granitic rocks of Anvil Batholith and northeast of Vangorda Creek Fault Zone. In general the second phase metamorphic foliation (S_2) dips shallowly southwest away from the granite as do most rock units on a large scale. A south dipping mylonitic foliation in the border phase of the Batholith records major extensional strain probably related to the Tie Fault and other extensional faults defined or inferred in the area. In the Grum vicinity first and second phase folds (F_1 and F_2) plunge shallowly northwest;

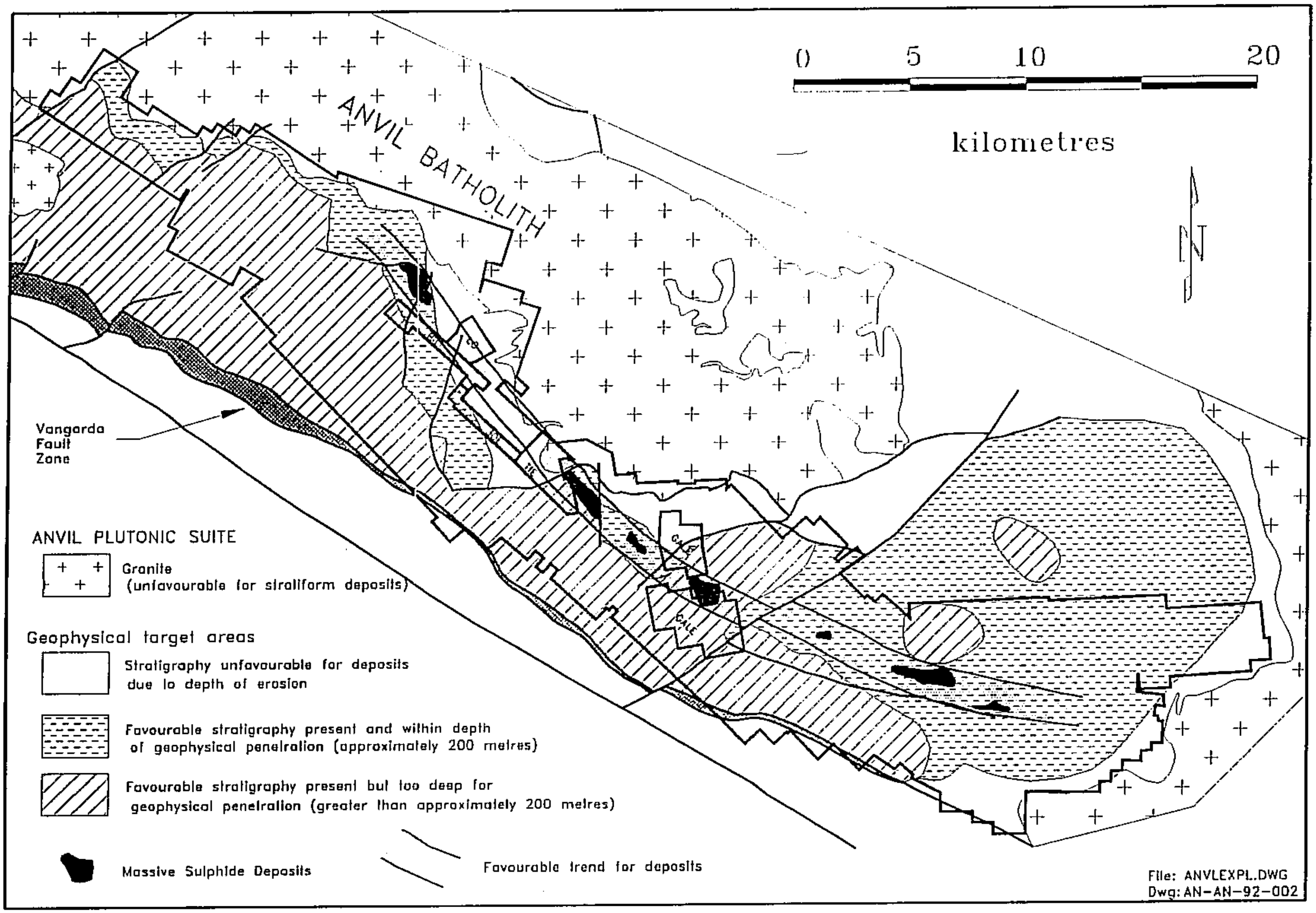

Figure 2: Exploration potential within the southwest portion of the Anvil Pb-Zn-Ag District based on the current exploration model. The boundary between depth ranges in areas where favourable stratigraphy is preserved is approximate. The Vangorda Fault Zone is the southwest limit of the favourable stratigraphy. It is a steeply dipping suture juxtaposing different terranes.

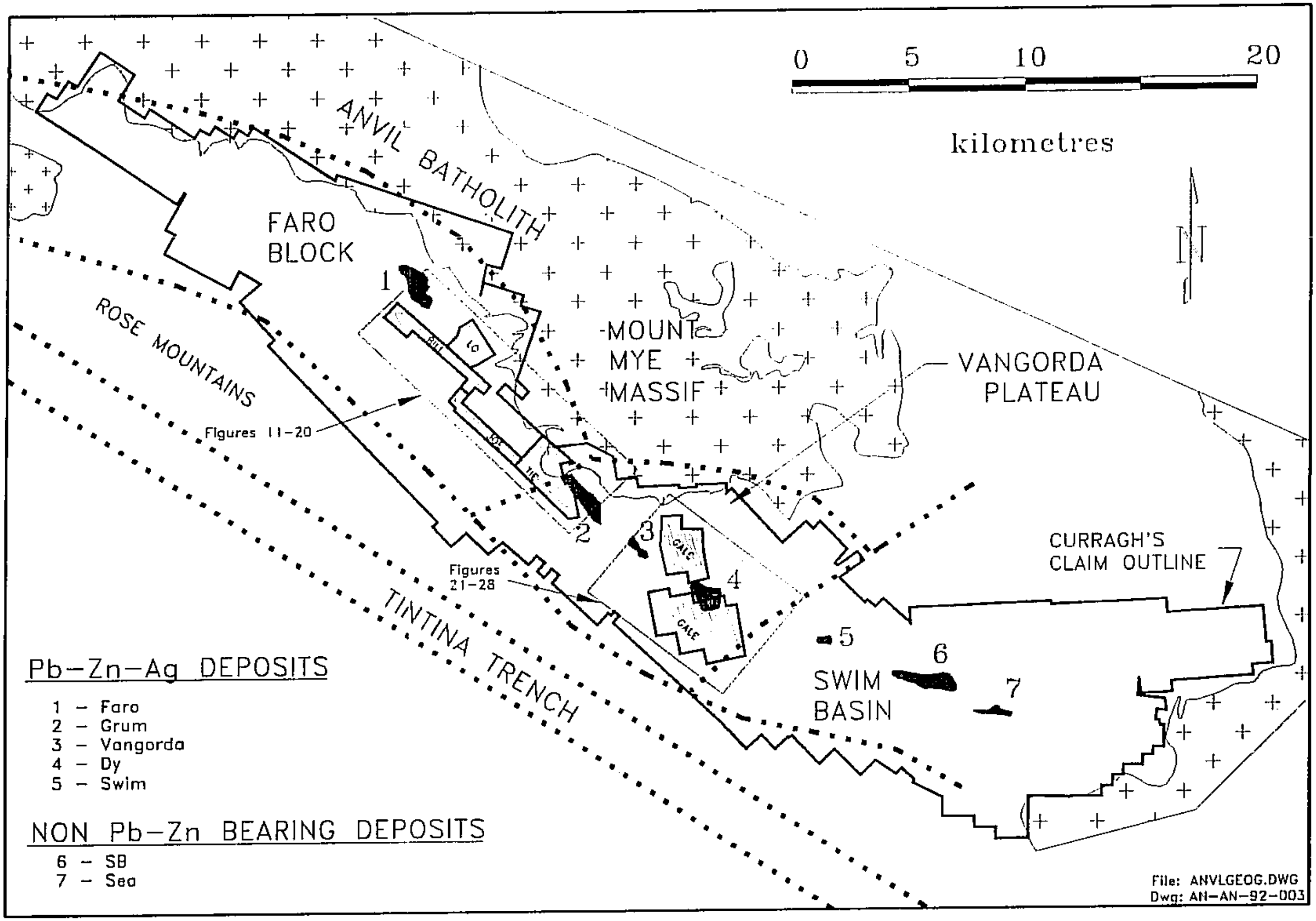

Figure 3: Geographic Regions of the Anvil Range Pb-Zn-Ag district. The ore deposits occur in the rolling hills and incised plateau area between the alpine areas of the Mt. Mye Massif and Rose Mountains. The Swim Basin is a lowland, extensively mantled by thick glacial deposits.

fold plunge elsewhere is probably also northwest but a reversal may occur between Vangorda and Dy. Greenschist facies metamorphism predominates.

The GALE and part of the TIE claims are on the Vangorda Plateau.

The following sections consider each of the Pelly River Mines claim blocks in more detail. The text should be read with reference to figures 11 through 28, the relevant portions of the 1"=1,000' exploration data compilation maps, geological maps and claim maps for the Anvil District.

L.O. Claims

The 16 L.O. claims and 5 QUE fractions (Table 1) cover a 335ha area 3.5km southeast of the Faro Pit and 9km northwest of the Grum Pit (figures 3 and 11). The Vangorda Plateau Haul Road follows the southwest edge of the claim block. The claim block occurs between 1,140m (3,750 ft) and 1,370m (4,500 ft) ASL[1]. The area is mostly below treeline. There is poor exposure of bedrock but limited overburden thickness. Several trails and cut lines cross the claims.

Geological Setting

The claims are underlain by schists, calc-silicates and marbles of the Mt. Mye formation. The stratigraphic level exposed on the claims is interpreted to be deeper than the ore horizons thus, although the southwest half of the claim group lies on the "favourable trend", the exploration potential may be low as the critical stratigraphic component of the exploration model is missing.

The calc-silicates underlying the northeast edge of the claim block are problematic since they are similar to Vangorda formation calc-silicates but for the fact that they contain marble lenses and layers which are not typical of Vangorda formation. The calc-silicates are spatially related to the marble units which definitely occur in Mt. Mye formation approximately 500 to 700m below the top of the formation. The interpretation of the L.O. claims stratigraphy is tentative and it is possible that the calc-silicate unit is an overturned limb of a second phase isoclinal fold repeating Vangorda formation or perhaps more likely a panel of Vangorda formation overthrust by Mt. Mye along a S_2 parallel thrust. It is uncertain what the significance of the favourable trend would be in either of these scenarios but presumably only the upper limb or upper plate would be relevant to the trend.

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[1] All elevations in this report are relative to the 1972 map datum (that used for 1"=1,000' and 1"=2,000' compilations) and approximately 10m should be added to them to obtain elevations relative to the current UTM datum.

TABLE 1

PELLY RIVER MINES LIMITED
L.O. CLAIM BLOCK

DATE: March 23, 1992

TYPE OF PROPERTY	CLAIM NAME & NUMBER	GRANT NUMBER	EXPIRY DATE
CLAIM	L.O. 10	94131	03/01/98
CLAIM	L.O. 11	94132	03/01/98
CLAIM	L.O. 12	94133	03/01/98
CLAIM	L.O. 13	94134	03/01/98
CLAIM	L.O. 14	94135	03/01/98
CLAIM	L.O. 15	94136	03/01/98
CLAIM	L.O. 16	94137	03/01/98
CLAIM	L.O. 17	94138	03/01/98
CLAIM	L.O. 18	94139	03/01/98
CLAIM	L.O. 19	94140	03/01/98
CLAIM	L.O. 4	94121	03/01/98
CLAIM	L.O. 5	94122	03/01/98
CLAIM	L.O. 6	94123	03/01/98
CLAIM	L.O. 7	94124	03/01/98
CLAIM	L.O. 8	94129	03/01/98
CLAIM	L.O. 9	94130	03/01/98
CLAIM	QUE 10 fr	Y10570	03/01/98
CLAIM	QUE 11 fr	Y10571	03/01/98
CLAIM	QUE 12 fr	Y10572	03/01/98
CLAIM	QUE 13 fr	Y10573	03/01/98
CLAIM	QUE 14 fr	Y10574	03/01/98

Granitic rocks of Anvil Batholith probably occur beneath the claim group at relativity shallow depth (figure 4). There is a small quartz diorite (unit 11D) plug in the northeast area.

Second phase foliation (S_2) dips 10-25° toward southwest on the claims. A good section exposed in a gorge just southeast of the claims shows that metamorphic rock unit contacts are subparallel to S_2, as is typical in this portion of the metamorphic pile, and that the Batholith contact dips shallowly beneath the LO claims subparallel to S_2 as it does at the Faro Mine.

A major north trending extensional (?) fault down dropping the west block is inferred to cross the west edge of the claim block in an area of poor exposure.

Exploration Results

The results of exploration are summarized on figures 11 - 17 in the pockets at the rear of this report. There are 11 shallow rotary holes, and no diamond drill holes on the claims (logs or summary logs of the holes on the claim block are provided in Appendix C). Bedrock information is also provided by about a dozen small isolated outcrops mainly in the northeast portion of the claim block (figure 12).

The airborne EM survey (figure 13) shows no anomalies of significance.

The airborne magnetic survey (figure 14) outlines two broad low intensity magnetic highs on northeast & southwest limit of the claims, the northeast one seems to correspond to a quartz diorite (map unit 11E) plug.

The area has Turam EM coverage on 183m (600 ft) to 305m (1,000 ft) (nominally 244m (800 ft)) spaced lines (figure 15). The survey shows broad, low amplitude, "violin shaped" anomalies in northeast and on two lines in southwest; there is poor correlation of anomaly peaks.

The claims were covered by ground on a fluxgate magnetometer survey on the same grid as the Turam survey, no significant anomalies are apparent.

Soil geochemical surveys (figures 18, 19 and 20) show Zn content of soils generally is low with background values of 50 to 75ppm. The area was covered by sampling on the 244m (800 ft) Turam grid and partly by sampling on a 366m (1,200 ft) regional grid. There are no copper or lead anomalies.

There are no significant residual gravity anomalies indicated (figure 17).

No work is required on the claim block at this time, however the nature of the lower mixed schist calc-silicate package must be resolved by geological work nearby.

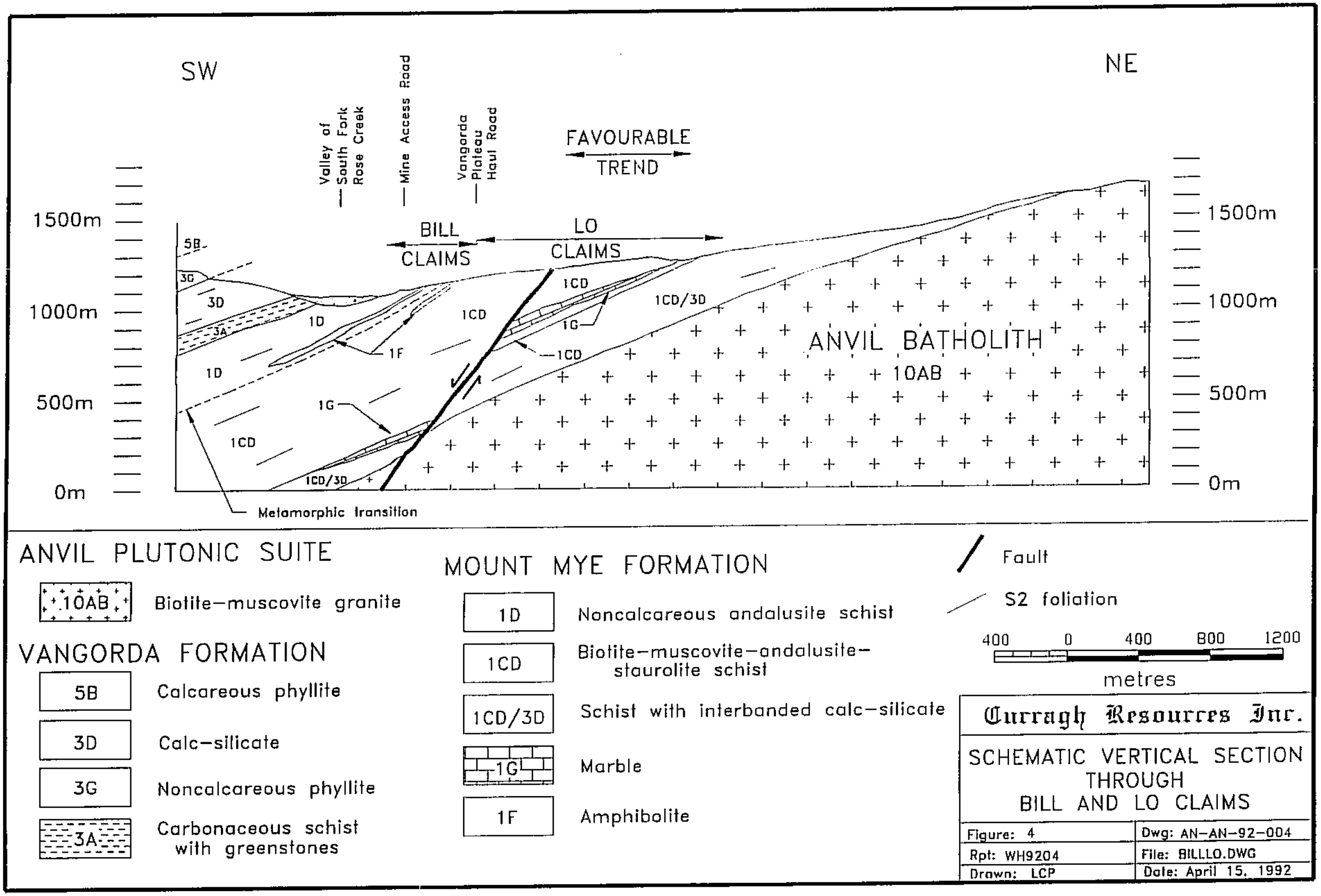

Figure 4: Schematic cross section through the central part of the L.O. claims. S_2 dips gently southwest away from the Anvil Batholith which occurs in the core of a regional arch. As is typical for the Faro Block rock unit boundaries are subparallel to S_2

One or two condemnation holes may be required on the claims if there is no confident formational assignment of the calc-silicates.

BILL Claims

The Bill claims are located in Rose Creek Valley south and southeast of the Faro Mine (figures 1 and 11). The claims are southwest of the L.O. claims. There are 16 full size and 4 fractional claims covering 335 ha (Table 2).

Waste dumps cover part of the northwest end of the Bill claims. The claims form a long narrow block that covers the area immediately northeast of the mine access road. The Vangorda Plateau Haul Road runs along the northeast edge of the Bill claims throughout the length of the block. The claims thus cover most of the area between the mine access and Plateau Haul roads from the fresh water reservoir to the Faro minesite. Seven of the Bill claims actually comprise part of the land package considered the Faro Mine site proper.

A gravel deposit just southeast of the North Fork of Rose Creek on Bill 30 has recently been exploited for road surfacing material; there are numerous other borrow pits in the area.

Part of the Bill claims are covered by existing surface lease #1690, the Fresh Water Reservoir site, and #1646, the Faro Minesite. The remainder of the claim block is under application as a surface lease intended to cover the Vangorda Plateau Haul Road.

The area is on the south facing slope of Rose Creek Valley between elevations 1,080m (3,550 ft) to 1,190m (3,900 ft) ASL. The area is characterized by gentle slopes with an incised gorge at the east end of the block. The area is heavily tree covered. Numerous cat roads and trenches or borrow pits are located on the claims. There are scattered small outcrops through the claim group and only isolated patches of thick overburden near Rose Creek.

Geologic Setting

The Bill claims cover the middle and upper part of the Mt. Mye formation and the lower Vangorda formation. Two important north-northeast trending, steeply dipping, extensional or strike slip faults cut across the claim block. The southeast part of the block is underlain by biotite-muscovite-garnet-staurolite and biotite-muscovite-andalusite schists with lenses of amphibolite. Carbonaceous phyllites crop out locally along the southwest margin of the claims. In a borrow pit, just south of BILL 30, exposing these carbonaceous rocks there is local float of carbonaceous quartzite with minor pyrite and sphalerite reminiscent of the ribbon banded graphitic quartzite ore type (unit 4A/2A). The exact stratigraphic position of this unit is unknown, it could be equivalent of the Faro horizon. Quartz-feldspar porphyry intrusive bodies similar to those at the Faro Mine occur locally on the claim block.

TABLE 2

PELLY RIVER MINES LIMITED
BILL CLAIM BLOCK

DATE: March 23, 1992

TYPE OF PROPERTY	CLAIM NAME & NUMBER	GRANT NUMBER	EXPIRY DATE
CLAIM	BILL 16	85598	03/01/98
CLAIM	BILL 17	85599	03/01/98
CLAIM	BILL 18	85600	03/01/98
CLAIM	BILL 20	85602	03/01/98
CLAIM	BILL 22	85604	03/01/98
CLAIM	BILL 24	85606	03/01/98
CLAIM	BILL 26	85608	03/01/98
CLAIM	BILL 28	85610	03/01/98
CLAIM	BILL 30	85612	03/01/98
CLAIM	BILL 32	85614	03/01/2001
CLAIM	BILL 33	85615	03/01/2001
CLAIM	BILL 34	85616	03/01/2001
CLAIM	BILL 35	85617	03/01/2001
CLAIM	BILL 36	85618	03/01/2001
CLAIM	BILL 37	85619	03/01/2001
CLAIM	BILL 38	85620	03/01/2001
CLAIM	QUE 6 fr	Y10566	03/01/98
CLAIM	QUE 7 fr	Y10567	03/01/98
CLAIM	QUE 8 fr	Y10568	03/01/98
CLAIM	QUE 9 fr	Y10569	03/01/98

The northwest third of the claim block the area is underlain mainly by calc-silicate and amphibolite of the Vangorda formation which are down dropped by the North Fork Fault. A northeast trending diorite dyke cuts these rocks. The northwest edge of the claim block is coincident with section 118 (figure 5) one of the better drilled regional sections through the Faro Mine site area.

Exploration Results

The Bill claims are covered by parts of two Turam grids (figure 15). EM coverage has been hampered by the presence of the main power line. There are no significant conductors revealed by the survey. The Borrow Pit area noted above is directly beneath the power line thus the area was not surveyed. A CEM survey (figure 16) predating the power line shows that there are anomalies in the Borrow Pit area that seem to connect interesting, probably formational, Turam anomalies to the southwest and northeast of the claim block. The airborne EM map (figure 13) also shows this pattern and further shows that the anomaly over the Borrow Pit area has been interpreted as part of an anomaly complex that extends to Zone II of the Faro deposit.

The aeromagnetic map (figure 14) shows a weak magnetic response over the Borrow Pit area and a stronger response to the northwest in an area probably underlain by calc-silicates but with no outcrop. A amphibolite or diorite source is possible. A weak magnetic ridge along the northeast edge of the Bill claims east of the Borrow Pit area has a unknown source but it is on trend with metamorphosed mafic igneous schist/amphibolites. The ground magnetic map shows the same features, however they have a smaller areal extent and not all actually extend onto the claims.

The gravity map shows a sharp, one line, positive residual anomaly (0.8 mgal) coincident with the airborne magnetic high on line 20W on the northwest end of the claims. A weak (0.2 mgal) positive residual anomaly coincides with the Borrow Pit conductors on line 16S. Drillholes have been put down immediately north and south of this feature (figure 12).

Lead and zinc geochemical anomalies occur locally on the southwest edge of the claim block (figures 18 and 19), however they are immediately adjacent to the Mine Access Road or the North Fork of Rose Creek. In the former case they may be due to contamination by tracking or spills along the highway. In the latter case the anomaly is probably due to a washout of one of the early stages of the Faro Creek diversion which eroded unconsolidated material overlying the Zone II orebody. The most intense "highway" anomaly is near the Borrow Pit, perhaps indicating this anomaly is a feature of valid exploration interest.

There are five rotary holes and at least eight diamond drill holes on the claim block (figure 12). The diamond drill holes are in three main areas:

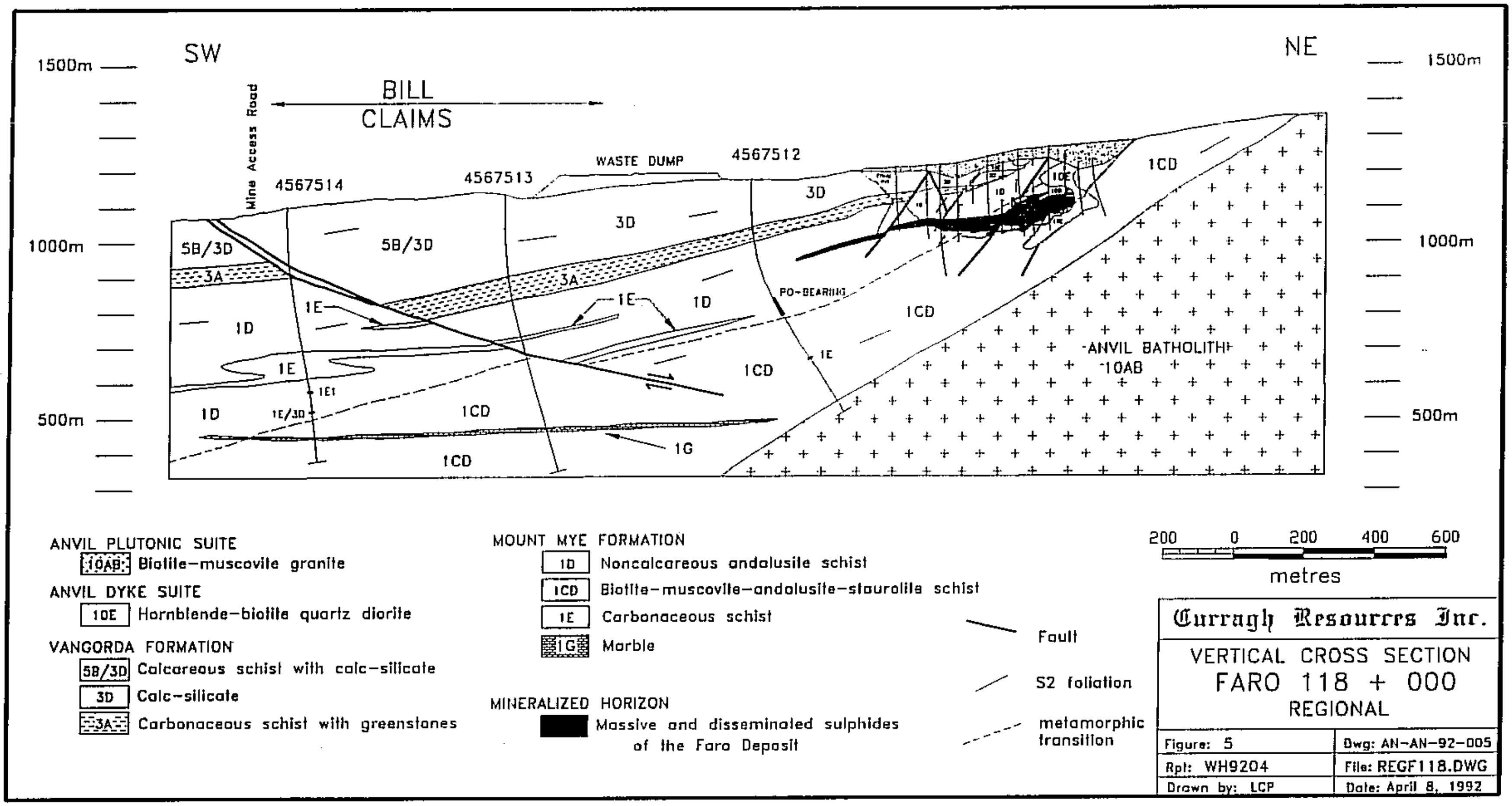

Figure 5: Cross section along Faro Grid section 118 through the centre of the Faro ore deposit. Rock units and ore deposit are transposed into the shallowly southwest dipping S_2 foliation. The carbonaceous unit (1E) in hole 4567514 is the same unit exposed in the BILL claims borrow pit.

1) in the Fresh Water Reservoir to test the area prior to construction;
2) in the Borrow Pit area noted above to contain minor zinc mineralization;
3) in the area of the waste dumps to test the dump sites for ore.

None of the holes intersected mineralization (Appendix C).

The Bill claims Borrow Pit conductor area and vicinity particularly the area to the northwest, warrants more careful investigation by diamond drilling (2 holes, 150m each) and perhaps further, better controlled, gravity and magnetic surveying (⅓ share of 25km of gravity and magnetic survey). In general it is recommended that grid drilling be extended onto the Bill claims, however the area shares the concern over the stratigraphic affiliation of the lower mixed calc-silicate unit thus this drilling (5 holes, each 300 to 800m long) is given a low priority at this time.

JOE Claims

The Joe claims (Table 3) are a long narrow block of 12 claims with an area of 210 ha extending from the southeast end of the freshwater reservoir southwest and then 4km southeast. The claims follow the north face of the "Ski Hill" between elevations 1,220m (4,000 ft) and 1,370m (4,500 ft) ASL and overlook the valley of the upper South Fork of Rose Creek. The area is mostly steep and tree covered but outcrop is only abundant on the southeast end of the claim block.

Geologic Setting

The claims are underlain by middle and upper Mt. Mye formation. The base of the Vangorda formation crops out immediately southwest of the claim group. At the extreme southeast end of the claims rock types are dominantly southwest dipping calc-silicates with marble lenses. The calc-silicate bearing sequence is overlain by a schist-phyllite sequence typical of the Mt. Mye formation and grading upwards from biotite-muscovite-garnet-staurolite schist though biotite-muscovite-andalusite schist to muscovite-chlorite phyllite. The basal carbonaceous member of the Vangorda formation (unit 5A) south of the Joe claims is unusual in that there is a considerable component of metamorphosed mafic igneous material (metabasite or greenstone). The intrusion of these mafic sills has altered the carbonaceous rocks to a white, fine-grained quartzite near the contacts.

The stratigraphic sequence of the Joe claims is illustrated by figure 6 a schematic north-south section through the Ski Hill near the Tintina Gun Club shooting range. Second phase foliation (S_2) dips 15° to 35° toward the west or southwest on the Ski Hill subparallel to unit contacts as indicated on figure 6. Second phase lineations (L_2) trend 135°- 315° and are doubly plunging.

TABLE 3

PELLY RIVER MINES LIMITED
JOE CLAIM BLOCK

DATE: March 23, 1992

TYPE OF PROPERTY	CLAIM NAME & NUMBER	GRANT NUMBER	EXPIRY DATE
CLAIM	JOE 10	85688	03/01/98
CLAIM	JOE 12	85690	03/01/98
CLAIM	JOE 14	85692	03/01/98
CLAIM	JOE 16	85694	03/01/98
CLAIM	JOE 17	85695	03/01/98
CLAIM	JOE 18	85696	03/01/98
CLAIM	JOE 2	85680	03/01/98
CLAIM	JOE 4	85682	03/01/98
CLAIM	JOE 6	85684	03/01/98
CLAIM	JOE 8	85686	03/01/98
CLAIM	QUE 16 fr	Y10575	03/01/98
CLAIM	QUE 18 fr	Y10577	03/01/98

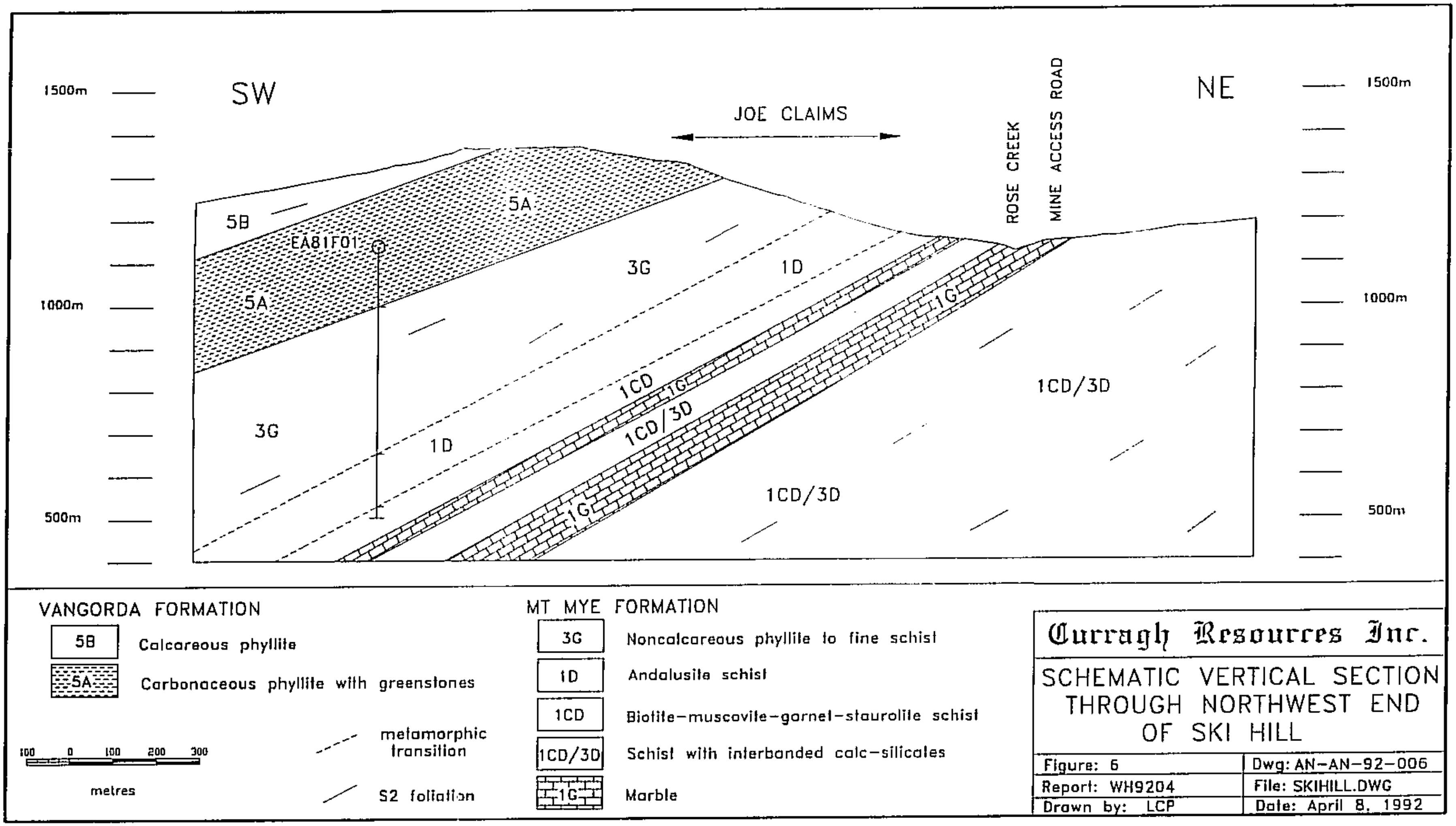

Figure 6: Section through the northwest end of the JOE claims. Hole EA81F01 is projected from 700m northwest of the section. The stratigraphic section of the area is a good example of the sequence of the upper Mt. Mye formation however the marble units illustrated here are unusually thick.

The stratigraphic sequence inferred on the Joe claims implies that the favourable stratigraphic horizon for Faro and Grum must pass through the claims. The claims however lie 2km southwest of the "favourable trend".

Further exploration of the Joe claims is not given a high priority compared to the area to the southwest.

Exploration Results

Airborne EM and limited Turam survey (figure 13 and 15) data do not indicate any significant conductors underlying the claims, however a major conductor complex just southwest of the claims corresponds to the basal Vangorda formation carbonaceous unit (map unit 5A).

The airborne magnetic survey (figure 14) does not reveal any anomalies on the claims, however the basal Vangorda formation just southwest of the claims contains considerable greenstone which seems to cause a number of magnetic highs. The claims were not covered by ground magnetic surveys.

A one line residual gravity high (0.6 mgal) was outlined just southwest of the claims on line 4E (figure 17). This may be due to dense amphibolites/greenstones in the basal Vangorda formation .

Soil geochemistry shows no important anomalous lead, zinc or copper values (figure 18, 19 and 20). Other than a few very weakly anomalous lead results, there is nothing in the soil geochemical results which might suggest the favourable stratigraphy is present. It is likely that near surface mineralization on the Joe claims would be detected by soil geochemistry

There is one drill hole on the Joe claims in the Fresh Water Reservoir area. This hole intersected no sulphides, but is interesting in that it did intersect a thick marble sequence which is juxtaposed against surface outcrops of Vangorda formation lithologies a short distance to the southwest suggesting the major fault at the west end of the claim block. Apparent offset on this fault is confirmed by electromagnetic and magnetic anomaly trends (figures 13, 14 and 15). The fault is likely to have west side down sense of displacement and is thus interpreted to be one of the family of late extensional faults, however it could have strike slip movement.

A deep core hole (EA-81-F01) has been drilled southwest of the JOE claims (figure 6) without intersecting sulphides.

No further work is recommended on the Joe claims at this time, however further exploration is warranted nearby, especially to the southwest, and the recommendation may need revision in light of the results of that work.

TIE Claims

The 24 Tie and 25 WHI and QUE fractional claims (Table 4) adjoin the Grum, Chuck and Firth mineral leases and contain a number of mine infrastructure items such as the Mine Access Road, the high voltage transmission line to the Faro Mill and lower voltage line back to the two plateau pits. The Plateau Haul Road and Mine dry/office complex are also located on the Tie claims. A minor amount of rock, soil and overburden dumping has occurred and will continue on the eastern most two Tie claims (Tie 23 and 24). The ore bearing structure of Grum in the area of the dumping is over 300m (1,000 ft) deep. The claims cover an area of approximately 500ha.

The claims cover rolling hill country drained by the West Fork of Vangorda Creek and South Fork of Rose Creek. Elevations range from 1,160m (3,800 ft) to 1,340m (4,400 ft) ASL. Most of the claims are tree covered, however the Rose Creek Valley is floored with extensive swampy meadows and dense brush cover.

There are numerous cat roads throughout the area and the original access road to the Faro property traversed the Tie claims. A fire break was cut partway up the hill at the northwest edge of the claims in an effort to prevent the spread of the 1969 Faro fire to the Minesite.

Outcrop is poor on most of the claim block, but with the exception of Rose Creek and local parts of the west fork of Vangorda Creek valleys there is not much overburden. Outcrop of granite on the claims is excellent despite the subdued topography.

Geologic Setting

The Tie claims straddle the boundary between the Faro Block and the Vangorda Plateau. On the claims this boundary is the Tie fault[2], a major extensional fault dipping 35° toward the southeast and dropping the southeast side down at least 1,000m and possibly 1,500m. The geometry of the Tie fault is illustrated in figure 7 which is a northwest-southeast section approximately 300m northeast of the claims. All rocks on the footwall side (Faro Block) of the Tie fault are amphibolite facies schists, calc-silicates or marble of the Mt. Mye formation or weakly to moderately mylonitic granitic rocks of Anvil Batholith. In the schists just above the Batholith contact there are S_2 parallel sills of granitic material with rare garnets. Mylonitic structures (S and C bands) in granites indicate that the shearing of the granite is consistent with the offset along the Tie fault (slipline is directly down its dip). Second phase foliation (S_2) in this block dips southwest approximately 20° to 30° away from the granitic rocks. Based on geology and inferred stratigraphic position, the exploration potential of the Faro Block portion of the

[2] Note that the major extensional faults such as the Tie fault were not recognized at the time the geologic compilation shown on figure 12 was compiled, thus such faults have been added to the map but not fully integrated with the interpretation of contacts.

TABLE 4

PELLY RIVER MINES LIMITED
TIE CLAIM BLOCK

DATE: March 23, 1992

TYPE OF PROPERTY	CLAIM NAME & NUMBER			GRANT NUMBER	EXPIRY DATE
CLAIM	QUE	17	fr	Y10576	03/01/98
CLAIM	TIE	1		85719	03/01/98
CLAIM	TIE	10		85728	03/01/98
CLAIM	TIE	11		85729	03/01/98
CLAIM	TIE	12		85730	03/01/98
CLAIM	TIE	13		85731	03/01/98
CLAIM	TIE	14		85732	03/01/98
CLAIM	TIE	15		85733	03/01/98
CLAIM	TIE	16		85734	03/01/98
CLAIM	TIE	17		85735	03/01/98
CLAIM	TIE	18		85736	03/01/98
CLAIM	TIE	19		85737	03/01/98
CLAIM	TIE	2		85720	03/01/98
CLAIM	TIE	20		85738	03/01/98
CLAIM	TIE	21		85739	03/01/98
CLAIM	TIE	22		85740	03/01/98
CLAIM	TIE	23		85741	03/01/98
CLAIM	TIE	24		85742	03/01/98
CLAIM	TIE	3		85721	03/01/98
CLAIM	TIE	4		85722	03/01/98
CLAIM	TIE	5		85723	03/01/98
CLAIM	TIE	6		85724	03/01/98
CLAIM	TIE	7		85725	03/01/98
CLAIM	TIE	8		85726	03/01/98
CLAIM	TIE	9		85727	03/01/98
CLAIM	WHI	118	fr	Y4370	03/01/98
CLAIM	WHI	119	fr	Y4371	03/01/98
CLAIM	WHI	120	fr	Y4372	03/01/98
CLAIM	WHI	121	fr	Y4373	03/01/98
CLAIM	WHI	122	fr	Y4374	03/01/98
CLAIM	WHI	123	fr	Y4375	03/01/98
CLAIM	WHI	124	fr	Y4376	03/01/98
CLAIM	WHI	125	fr	Y4377	03/01/98
CLAIM	WHI	126	fr	Y4378	03/01/98
CLAIM	WHI	127	fr	Y4379	03/01/98
CLAIM	WHI	21	fr	Y1278	03/01/98
CLAIM	WHI	22	fr	Y1279	03/01/98
CLAIM	WHI	23	fr	Y1280	03/01/98
CLAIM	WHI	24	fr	Y1281	03/01/98
CLAIM	WHI	25	fr	Y1282	03/01/98
CLAIM	WHI	26	fr	Y1283	03/01/98
CLAIM	WHI	27	fr	Y1286	03/01/98
CLAIM	WHI	28	fr	Y1287	03/01/98
CLAIM	WHI	29	fr	Y1288	03/01/98
CLAIM	WHI	30	fr	Y1289	03/01/98
CLAIM	WHI	31	fr	Y1290	03/01/98
CLAIM	WHI	32	fr	Y1291	03/01/98
CLAIM	WHI	33	fr	Y1284	03/01/98
CLAIM	WHI	34	fr	Y1285	03/01/98

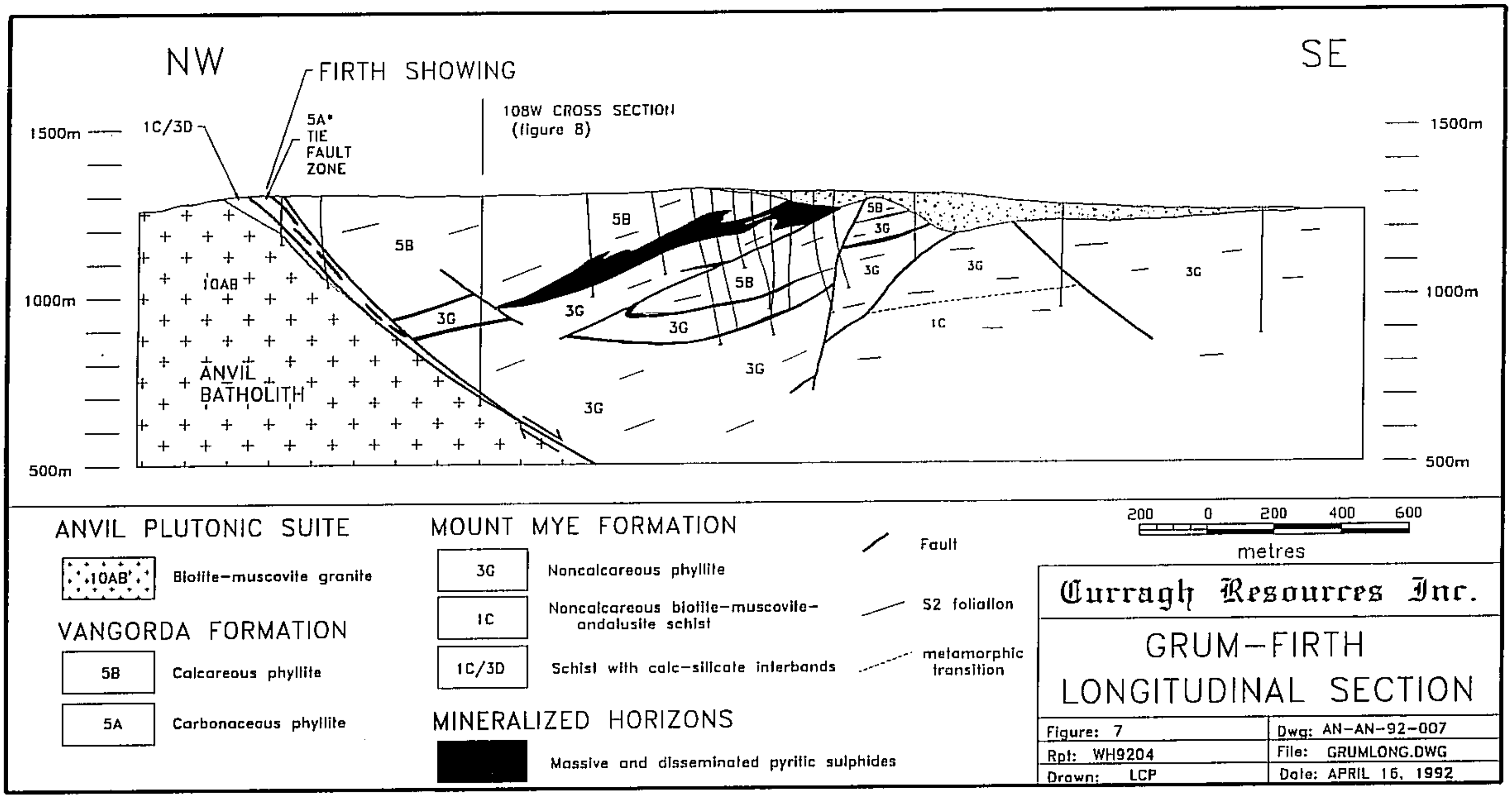

Figure 7: A longitudinal section along the plunge of the Grum fold structure. The section shows the interaction of the Grum fold with the extensional Tie fault. The Firth showing may represent mobilized or detached mineralization related to Grum. Such an interpretation implies the Tie fault slip line is directly down the dip. This direction is confirmed by S and C bands in the mylonitic margin of the Batholith.

Tie claims would appear to be limited, however the "favourable trend" passes directly through the claims.

The rocks in the hanging wall side of the Tie fault are greenschist facies phyllites, dominantly calcareous phyllites of the Vangorda formation. The northwest projection of the Grum deposit passes beneath a corner of the Tie claims. One diamond drill hole (456-75-09) intersected minor, low grade sulphides. A second deep hole (79-Tie-01) intersected the Tie fault but no sulphides. The depth to favourable stratigraphy beneath the hanging wall Tie claims is great (figure 8).

Exploration Results

There are 14 rotary holes on the Vangorda Plateau portion of the claims and five on the Faro block side (figure 12). Deeper rotary holes (the TRF series) drilled in 1964 to test electromagnetic anomalies were actually drilled in the Tie Fault zone. There are three diamond drill holes on the Vangorda Plateau side and none on Faro Block side of the claims. Only one of the diamond drill holes (456-75-09) was long enough to pass through the critical stratigraphy and part of the favourable interval may have been faulted out in that hole.

Airborne EM results (figure 13) show one prominent conductor trending northeast-southwest at a high angle to the usual conductor trends in the area. This conductor is caused by sheared graphitic rocks in the Tie fault zone. Hole 79 Tie 01 provides an excellent section through this fault zone. Turam surveys (figure 15) were not favourably oriented to pick out this conductive zone. One, minor, apparently stratigraphic conductor, was detected on the south edge of the claim block. EM response in the footwall sequence is flat.

Airborne magnetic results (figure 13) in the footwall sequence are flat. There is a broad magnetic low over the Tie fault. At the east edge of the claims is the flank of a broad 100 gamma anomaly, probably due to the Champ horizon of the Grum deposit. This horizon is at such great depth, if it exists at all, on the Tie claims that there is no response. Ground magnetic surveys show small peaks that may be due to greenstones which crop out locally in the Vangorda formation. The footwall sequence was not covered by ground magnetic surveys.

Only the hanging wall sequence of the Tie claims was covered with gravity (figure 17). The survey reveals a chain of small positive residual anomalies of 0.2 to 0.5 mgal intensity. These are likely due to greenstones. The most intense is just off the south edge of the claims and is located between two "stratigraphic appearing" Turam conductors as is typical for a greenstone signature. It is on trend with greenstone outcrops.

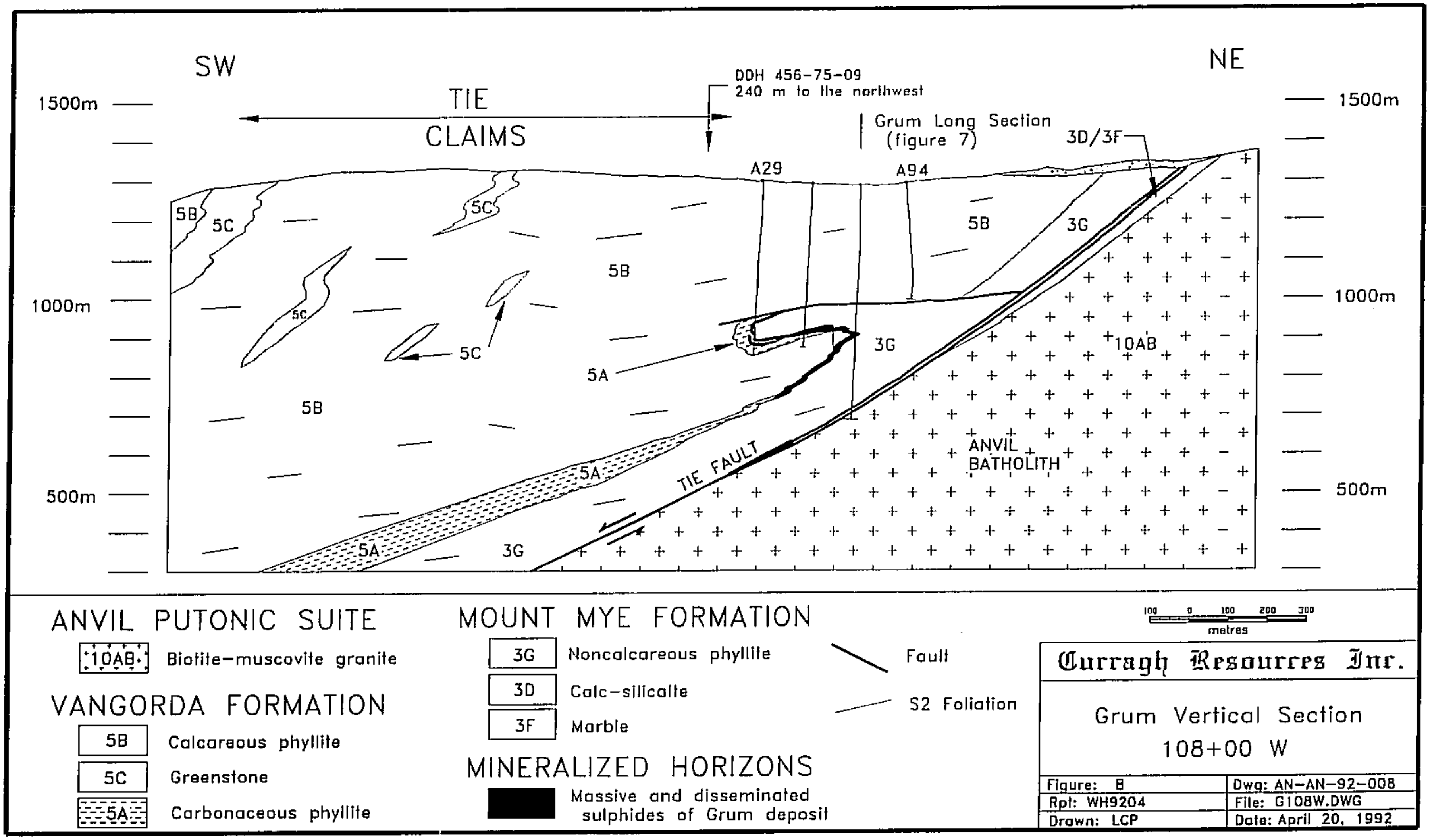

Figure 8: Cross section through the TIE claims showing the great depth to favourable stratigraphy on the Vangorda Plateau part of the claim block. Hole 456-75-09 intersected sporadic low grade sulphides from 445 to 470m and the Tie faults zone from 470m to 494m. Tie fault footwall lithologies in that hole included marble, calc-silicate and mylonitic granitic rocks similar to the marginal phase of Anvil Batholith.

Soil geochemistry on the Tie claims reveals a number of lead (100-300 ppm range), minor zinc (100 ppm) and scattered copper (50-100 ppm) anomalies in the hanging wall sequence (figures 18, 19 and 20). These may be due to down ice dispersion from the Vangorda area and subcropping minor mineralization between Vangorda and Grum. The anomalies are in the down ice direction and are elongate in the direction of transport. They also decrease in intensity down flow ice direction. A small intense lead (200-400 ppm), and zinc (200-2400 ppm) soil anomaly occurs straddling the northeast corner of the Tie claim boundary. This appears to be due to the Firth showing and down ice transport from it.

Exploration survey results over the hanging wall sequence are not encouraging however the favourable stratigraphy is at such great depth that these surveys are not diagnostic.

Four or five deep (800m -1400m) drill holes will be required to test the hanging wall sequence for extensions of Grum or new sulphide depocenters. Four shorter (200m±) holes may be required in the footwall sequence but again this area is low priority pending resolution of the lower mixed calc-silicate unit question.

GALE Claims

The Gale claims are in two blocks, one to the north of the Dy deposit and the other to the south. They will be discussed separately.

North Gale

The north Gale block is on the northeast edge of Vangorda Plateau. There are 24 full size and 15 fractional claims (Table 5) on the North Gale block, the area of the block is approximately 500 ha. The north portion is on the sparsely wooded but heavily bush covered south sloping flanks of the Mt. Mye massif east of Vangorda Creek. The remainder of the claims cover rolling tree covered land near the headwaters of Dixon Creek and the uppermost part of the slope into Blind Creek Valley. The claims are between elevations 1,340m (4,400 ft) and 1,130m (3,700 ft) ASL. The Blind Creek road crosses the claim block, additionally there are a number of bush trails and cat lines which provide good access to the claims.

There is sparse scattered outcrop throughout the claims and overburden is generally less than 10-15m thick except on the east edge of the claim block, in a Creek valley near the Dy camp, where overburden thicknesses of 30-50m are known. Locally, as in the area of metabasites at the divide between Dixon and Blind Creeks, outcrop is very good.

TABLE 5

PELLY RIVER MINES LIMITED
NORTH GALE CLAIM BLOCK

DATE: March 23, 1992

TYPE OF PROPERTY	CLAIM NAME & NUMBER	GRANT NUMBER	EXPIRY DATE	LEASE NUMBER
CLAIM	GALE 1	Y67319	03/01/2005	
CLAIM	GALE 10	Y67328	03/01/2005	
CLAIM	GALE 11	Y67329	03/01/2005	
CLAIM	GALE 12	Y67330	03/01/2005	
CLAIM	GALE 13	Y67331	03/01/2001	3509
CLAIM	GALE 14	Y67332	03/01/2005	
CLAIM	GALE 15	Y67333	03/01/2005	
CLAIM	GALE 16	Y67334	03/01/2005	
CLAIM	GALE 17	Y67335	03/01/2005	
CLAIM	GALE 18	Y67336	03/01/2005	
CLAIM	GALE 19	Y67337	03/01/2005	
CLAIM	GALE 2	Y67320	03/01/2005	
CLAIM	GALE 20	Y67338	03/01/2005	
CLAIM	GALE 21	Y67339	03/01/2005	
CLAIM	GALE 22	Y67340	03/01/2005	
CLAIM	GALE 23	Y67341	03/01/2005	
CLAIM	GALE 24	Y67342	03/01/2005	
CLAIM	GALE 3	Y67321	03/01/2005	
CLAIM	GALE 4	Y67322	03/01/2005	
CLAIM	GALE 5	Y67323	03/01/2005	
CLAIM	GALE 6	Y67324	03/01/2005	
CLAIM	GALE 7	Y67325	03/01/2005	
CLAIM	GALE 8	Y67326	03/01/2005	
CLAIM	GALE 9	Y67327	03/01/2005	
CLAIM	QUE 21 fr	Y10659	03/01/2005	
CLAIM	QUE 22 fr	Y10660	03/01/2005	
CLAIM	QUE 23 fr	Y10661	03/01/2005	
CLAIM	QUE 24 fr	Y10662	03/01/2005	
CLAIM	QUE 25 fr	Y10663	03/01/2005	
CLAIM	QUE 26 fr	Y10664	03/01/2005	
CLAIM	QUE 33 fr	Y10671	03/01/2005	
CLAIM	QUE 34 fr	Y10672	03/01/2005	
CLAIM	QUE 35 fr	Y10673	03/01/2005	
CLAIM	QUE 36 fr	Y10674	03/01/2005	
CLAIM	QUE 41 fr	Y10679	03/01/2005	
CLAIM	QUE 42 fr	Y10680	03/01/2005	
CLAIM	QUE 80 fr	Y10687	03/01/2005	
CLAIM	QUE 81 fr	Y10688	03/01/2005	
CLAIM	QUE 90 fr	YA8246	03/01/2005	

Geologic Setting

An important extensional fault zone, the Dixon Creek fault[3], is inferred to pass through the claim block. The orientation of the fault is uncertain, as is the number of branches or strands, however the fault appears to dip shallowly to moderately to the southeast and south (figures 9 and 10). The east block is down dropped. It is this fault which is thought to have displaced the Dy deposit from the up plunge projection of the Vangorda deposit; this implies a vertical separation of 800m$\pm$ on the fault system. The fault zone is characterized in the subsurface at Dy by highly sheared graphitic rocks with rounded blocks of bull quartz and carbonated mafics (subsurface logging unit 5A*). Quartz feldspar porphyry dykes are spatially associated with the fault at Dy. The surface expression of the fault zone is a somewhat transverse conductor trend (similar to though less pronounced and linear than that marking the Tie fault zone) and outcrops of highly fractured and weathered carbonaceous rocks with minor pyritic quartzite in the headwaters of Dixon Creek. Two quartz-feldspar porphyry dykes crop out in the area of the surface expression of the fault system.

The footwall sequence is dominantly non-calcareous, medium grey phyllite of the Mt. Mye formation. The phyllites grade into schists at the north edge of the claims. East of the Gale claims calc-silicate is interlayered with the Mt. Mye phyllites. These calc-silicates are thought to represent the marble/calc-silicate package of the Mt. Mye formation rather than Vangorda formation. There are a few outcrops of these calc-silicates on the east side of the Gale claims.

The distribution of calc-silicates suggests that the structure of the footwall sequence may be a broad, shallowly west plunging syncline with most of the north part of the claim block underlain by the phyllites immediately overlying the Mt. Mye calc-silicate horizon. This stratigraphy may be older than the ore horizon, however one cannot rule out the possibility of sulphide horizons within these phyllites. Electromagnetic surveys suggest a carbonaceous horizon may occur above the calc-silicate package.

The hanging wall sequence consists of medium grey, calcareous phyllite and greenstone of the Vangorda formation. Greenstones with pyroxenite segregations are unusually abundant in the area. The abundance of greenstone is suggestive that the stratigraphic level is high in the Vangorda formation; this suggests a large vertical displacement on the extensional fault zone. The orientation of the fault is of considerable importance in that a large fault cutout of the favourable stratigraphy may have been created. The extent of this cutout,

[3] Note that the Dixon Creek fault was not known at the time of the geologic compilation shown on figure 22 was made, it has been added but the interpretation of contacts has not been revised.

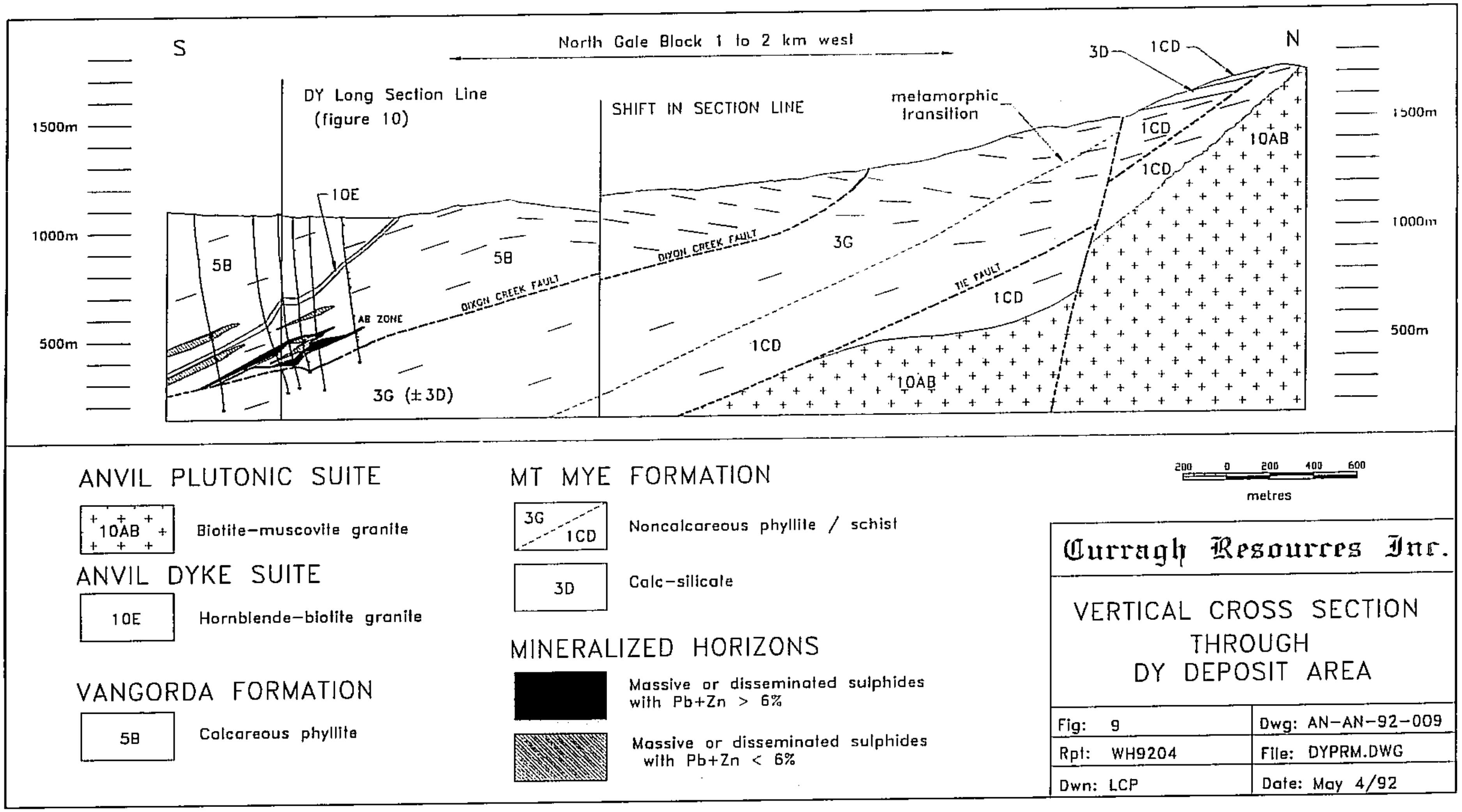

Figure 9: Composite cross section through the Dy deposit showing its relationship to regional structures. Two major extensional faults are inferred to downdrop progressively lower metamorphic grade metasediments away from the Anvil Batholith in the core of the Anvil Arch. The interpretation of extensional faults beneath Dy is likely oversimplified - different interpretations can have a major impact on exploration potential. These extensional structures are post D_2 structures offering potential for blind infolds of favourable stratigraphy in footwall sequences shown here, and on figure 10, to be Mt. Mye schist and phyllite only.

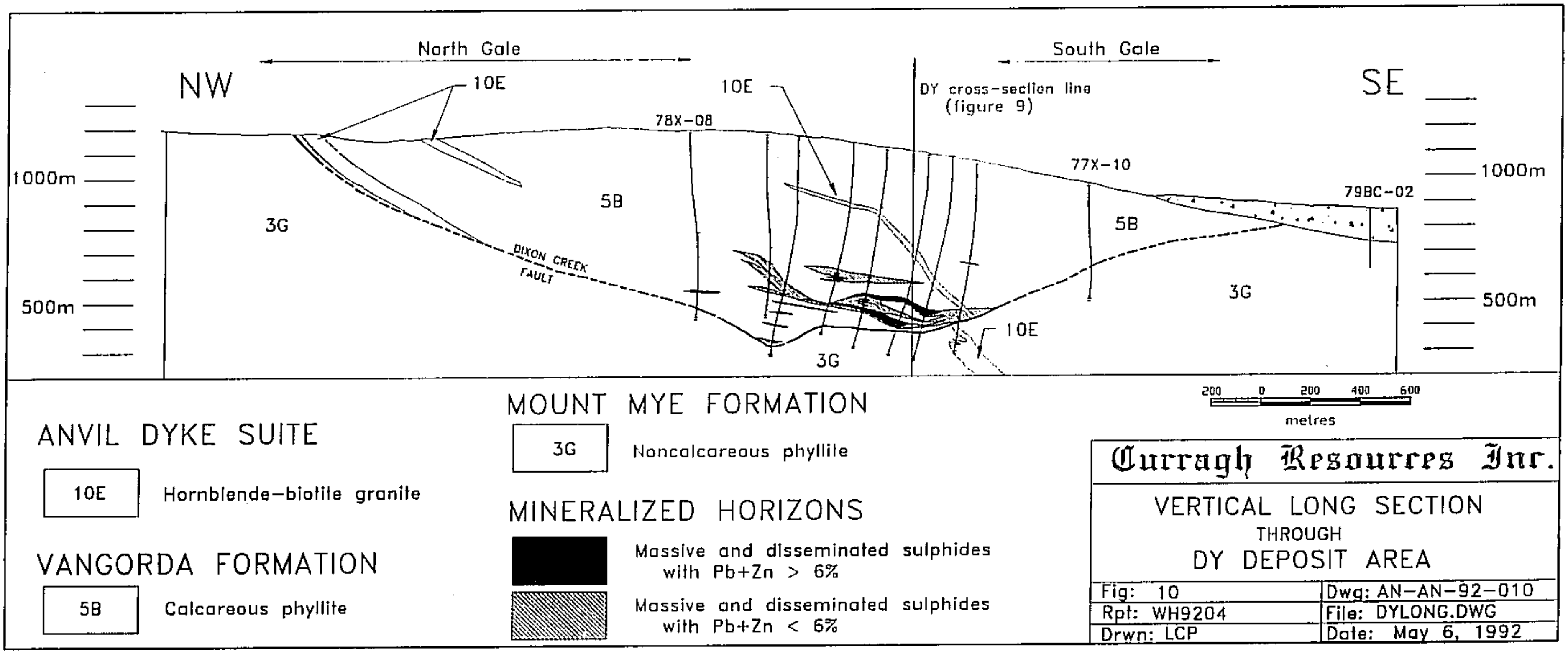

Figure 10: Longitudinal section through the Dy deposit, the Dixon Creek fault may have offset the Dy deposit from the up lunge extension of the Vangorda deposit (now eroded and just above topography on this line of section) implying a vertical separation of approximately 650m. There may be several shallowly dipping faults beneath Dy thus the faults in 78X08 and 77X10 may not connect as shown on this section.

if it exists, is unknown. The occurrence of mineralization in the fault zone is suggestive that there could be slivers of mineralized rock in the fault zone in a manner analogous to the Firth occurrence in the Tie fault zone.

In the footwall sequence, the S_2 foliation dips 25 to 35° toward northwest on the west side of the claims and 10 to 35° toward the south to southeast on the east side of the claims. The change in dip appears to reflect a post D_2 dome to the east of the claims. Second phase lineations (L_2) trend 310° and plunge shallowly both northwest and southeast. Hanging wall sequence S_2 foliation dip is variable perhaps reflecting strain refraction near the competent greenstones of the area as much as post D_2 deformation. Lineation (L_2) orientation is the same as in the footwall sequence.

The southeast extremity of the north Gale block covers part of the favourable trend, however the favourable stratigraphy may be cut out by the large extensional fault displacements.

Exploration Results

The most interesting Turam EM conductors in the footwall sequence occur along its west boundary from line 36E to 56E on the Vangorda AEX grid (figure 25). These are violin shaped anomalies suggestive of a wide conductor below the surface similar to the anomalies produced by Turam tests over Faro's Zone III in the early 1970's. One of these anomalies was drill tested by Curragh on line 44E in 1987 by hole 88-VX-01, only carbonaceous phyllite was intersected.

Aeromagnetic highs (figure 24) on the northwest edge of the claim block occur in an area of phyllites and have no obvious explanation. Water quality sampling in Vangorda Creek shows that the water contains anomalous zinc upstream from the Vangorda deposit, these magnetic anomalies warrant further investigation. There are no residual gravity anomalies identified on the claims in the footwall sequence.

Soil geochemistry (figures 26, 27 and 28) shows two anomalies that appear to originate from the extensional fault system. One of these is probably derived from known mineralization in the headwaters of Dixon Creek that was drilled by Kerr Addison or its predecessors with negative results. The second zone in the centre of the property has no known source. There are no anomalies in the footwall phyllite sequence itself.

Exploratory survey results in the hanging wall sequence are suggestive of typical formational anomalies. A southeast-northwest trending Turam conductor occurs and there are several aeromagnetic anomalies of similar trend. Such signatures are common in upper Vangorda formation as, for example, southwest of Grum. Weak copper soil geochemical anomalies (~ 50 ppm) may reflect pyroxenites. There are no residual gravity anomalies.

There are approximately 22 shallow 1971 rotary drill holes on the claims (figure 22 and Appendix C). Some of these holes show anomalous geochemistry in overburden in the east-central part of the claims. The source of this anomalous geochemical response is unknown.

There are a few deep drill holes in the extreme south of the property that are part of the Dy Project drill grid. A second cluster of shallow holes in the upper Dixon Creek area tested the showing noted above. There are no other holes on the claims.

At least three holes (400m± each)should be drilled in the hanging wall sequence and an additional two or more (200-300m each) in the footwall sequence eventually.

South Gale

The south block contains 66 Gale and 14 QUE fractional claims (Table 6) and covers approximately 880 ha. The south block is on the southeast edge of the Vangorda Plateau and includes the southeast facing slope into Blind Creek Valley and part of Blind Creek Valley itself. A small lake, Shrimp Lake, in the northwest corner of the claims was an important staging base in the early years of exploration of the Vangorda property. The area is tree covered, however most of the area of claims was burned by the 1969 Faro fire and now is a dense tangle of bush and deadfall.

Elevations range from 1,190m (3,900 ft) ASL to 730m (2,400 ft) ASL in Blind Creek Valley. With the exception of the lower slopes and floor of Blind Creek Valley there is reasonably good but scattered outcrop on the claims. Overburden in Blind Creek Valley is thick especially on the extreme east side of the claim block.

The Blind Creek road passes through the centre of the claim block. There are several other roads passable by four wheel drive truck in dry weather as well as cat lines on the claims.

Geologic Setting

The claims are underlain by calcareous phyllites and greenstones of the upper Vangorda formation. The road cuts of the Blind Creek road are a good accessible reference section for the Vangorda formation. Away from the roads outcrop is dominated by massive, medium crystalline greenstones with strongly foliated chloritic phyllite margins. Adjacent to the greenstones the normally grey calcareous phyllites are altered to a pale green and white, thinly banded rock

TABLE 6
PELLY RIVER MINES LIMITED
SOUTH GALE CLAIM BLOCK

DATE: March 23, 1992

TYPE OF PROPERTY	CLAIM NAME & NUMBER			GRANT NUMBER	EXPIRY DATE	LEASE NUMBER
CLAIM	GALE	25		Y67343	03/01/2005	GAZETTED
CLAIM	GALE	26		Y67344	03/01/2005	
CLAIM	GALE	27		Y67345	03/01/2005	
CLAIM	GALE	28		Y67346	03/01/2005	
CLAIM	GALE	29		Y67347	03/01/2005	
CLAIM	GALE	30		Y67348	03/01/2005	
CLAIM	GALE	31		Y67349	03/01/2005	
CLAIM	GALE	32		Y67350	03/01/2005	
CLAIM	GALE	33		Y67351	03/01/2005	
CLAIM	GALE	34		Y67352	03/01/2005	
CLAIM	GALE	35		Y67353	03/01/2001	
CLAIM	GALE	36		Y67354	03/01/2001	
CLAIM	GALE	37		Y67355	03/01/2001	
CLAIM	GALE	38		Y67356	03/01/2001	
CLAIM	GALE	39		Y67357	03/01/2001	
CLAIM	GALE	40		Y67358	03/01/2005	
CLAIM	GALE	41		Y67359	03/01/2005	
CLAIM	GALE	42		Y67360	03/01/2005	
CLAIM	GALE	43		Y67361	03/01/2005	
CLAIM	GALE	44		Y67362	03/01/2005	
CLAIM	GALE	45		Y67363	03/01/2005	
CLAIM	GALE	46		Y67364	03/01/2001	3510
CLAIM	GALE	47		Y67365	03/01/2005	
CLAIM	GALE	48		Y67366	03/01/2005	
CLAIM	GALE	49		Y67367	03/01/2005	
CLAIM	GALE	50		Y67368	03/01/2005	
CLAIM	GALE	51		Y67369	03/01/2005	
CLAIM	GALE	52		Y67370	03/01/2005	
CLAIM	GALE	53		Y67371	03/01/2005	
CLAIM	GALE	54		Y67372	03/01/2005	
CLAIM	GALE	55		Y67373	03/01/2005	
CLAIM	GALE	56		Y67374	03/01/2005	
CLAIM	GALE	57		Y67375	03/01/2005	
CLAIM	GALE	58		Y67376	03/01/2005	
CLAIM	GALE	59		Y67377	03/01/2005	
CLAIM	GALE	60		Y67378	03/01/2005	
CLAIM	GALE	61		Y67379	03/01/2005	
CLAIM	GALE	62		Y67380	03/01/2005	
CLAIM	GALE	63		Y67381	03/01/2005	
CLAIM	GALE	64		Y67382	03/01/2005	
CLAIM	GALE	65		Y67383	03/01/2005	
CLAIM	GALE	66		Y67384	03/01/2005	
CLAIM	QUE	27	fr	Y10665	03/01/2005	
CLAIM	QUE	28	fr	Y10666	03/01/2005	
CLAIM	QUE	29	fr	Y10667	03/01/2005	
CLAIM	QUE	30	fr	Y10668	03/01/2005	
CLAIM	QUE	31	fr	Y10669	03/01/2005	
CLAIM	QUE	38	fr	Y10676	03/01/2005	
CLAIM	QUE	39	fr	Y10677	03/01/2005	
CLAIM	QUE	82	fr	Y10689	03/01/2005	
CLAIM	QUE	83	fr	Y10690	03/01/2005	
CLAIM	QUE	84	fr	Y10691	03/01/2005	
CLAIM	QUE	85	fr	Y10692	03/01/2005	
CLAIM	QUE	86	fr	Y10846	03/01/2005	
CLAIM	QUE	87	fr	Y10847	03/01/2005	
CLAIM	QUE	91	fr	YA8247	03/01/2005	

locally with a cherty aspect. This alteration is well exposed on the Blind Creek road and in drill holes throughout the Vangorda Plateau. The alteration occurs at the upper and lower contacts of the greenstone lenses and is the best evidence that the greenstones are metamorphosed mafic intrusive rocks. There are a few outcrops of mafic metavolcanics of the Menzie Creek formation on the southwest periphery of the claims.

Second phase foliation (S_2) appears to be folded into broad, southeast trending, open folds. Dips are generally 10 to 25° toward the northeast or east (in the north part of the claims) and 15 to 50° toward the south and southwest (in the south part of the claims). Second phase lineations (L_2) trend is homogenous with a 300° trend; L_2 is doubly plunging, depending on S_2 orientation.

The favourable stratigraphy is quite deep on most of the claim block, however in the Blind Creek Valley the base of the Vangorda formation appears to be close to the bedrock surface. Most of the block is south of the favourable trend, however the trend passes through the northeast corner of the claims where favourable stratigraphy would be relatively shallow.

<u>Exploration Results</u>

There are six rotary holes on the claim block and a few scattered, short diamond drill holes in addition to the deep peripheral holes on the south edge of the Dy drill grid (figure 22).

A line of diamond drill holes along the proposed Dy access decline was drilled in late 1990. None of these holes are deep enough to penetrate the Vangorda formation and none hit sulphides. The decline will be collared near the centre of Gale 31 and head north through Gale 29, 27 and 46 to the east edge of the Dy deposit. For complete and up to date details of the Dy deposit area the reader should refer to report WH9103.

The Turam electromagnetic surveys (figure 25) of the area show strong southeast-northwest trending linear conductor traces which are suggestive of carbonaceous phyllite known to be present in the upper Vangorda formation.

An intense southeast-northwest trending aeromagnetic high (200 gamas) on line with Shrimp Lake and several smaller magnetic features to the north appear to be due to greenstones (figure 24).

There are no residual gravity anomalies on the claim block.

Small weak copper, lead, zinc soil anomalies along the north edge of the claim block (figures 26, 27 and 28) have no known cause. Further investigation is warranted here since the favourable horizon, on the favourable trend, is interpreted to subcrop beneath thick glacial till up ice flow direction from the soil anomaly. A small 250 - 400 ppm zinc anomaly in the centre of the block appears to correlate with the strong Turam anomaly noted above and is likely due to zinc rich carbonaceous phyllites.

Nine to twelve deep (1,200m+, perhaps 1500-2000m) holes will be required on the South Gale claims eventually in order to rest the favourable stratigraphy. This does not include stepout drilling to the southwest of the Dy deposit which is estimated to entail 9 holes, 1200 to 1400m each. Priority should be given to exploration of the northeast part of the claim block.

Conclusions and Recommendations

A great deal of exploration has been carried out in the Anvil Range in the last four decades, however most of it is near the known orebodies or uses methods capable of only shallow penetration. There is a limited amount of deep diagnostic drilling off the empirically determined favourable trend. Curragh Resources claim holdings in the Anvil Range must soon experience a new phase of deep exploration. This will be dominated by deep grid orientated drilling, however there is a role in the program for modern geophysical methods. The Pelly River Mines claims are no exception to the above generalizations. Very little is known of these claims off the favourable trend. A very general approach to exploring this ground has been put forward in this report. These recommendations for the Pelly River Mines claims are summarized below.

Drilling is costed at $120 per metre. It is emphasized that this is a very preliminary estimate of the work required and the costs. The proposed work program has not been optimized by integrating it with the overall exploration program for the main Curragh claim block; this may result in somewhat smaller overall drilling requirements. The program would be carried out on a priority phased basis, however at this time no attempt has been made to fully assign these priorities. Such priorization and analysis of earlier phase results may significantly change later components of the program.

TABLE 7
SUMMARY OF RECOMMENDED EXPLORATION WORK

L.O. Claims				
2 holes	300 to 600m each	say	1,000m	$120,000
BILL Claims				
8 km	gravity magnetics and linecutting			$25,000
2 holes	150m each		300m	$36,000
5 holes	300 to 800m each	say	2,500m	$300,000
JOE Claims				
none				
TIE Claims				
Hanging wall Sequence				
5 holes	800 to 1400m each	say	6,000m	$720,000
Footwall Sequence				
4 holes	200m ± each	say	800m	$96,000
North GALE Claims				
Hanging wall Sequence				
3 holes	500m ± each	say	1,500m	$180,000
3 Dy limit holes	500 to 700m each	say	2,000m	$240,000
Footwall Sequence				
2 holes	200 to 300m each	say	500m	$60,000
South GALE Claims				
9 Dy limit holes	1200 to 1400m each	say	12,000m	$1,440,000
12 holes	1500 to 2000m each	say	22,000m	$2,640,000
	SUBTOTAL			$5,857,000
8% share of district-wide programs (195 of 2426 claims)				$92,000
Reclamation				$50,000
	SUBTOTAL			$5,999,000
Contingency 15%				$879,000
Administration 10%				$600,000
	TOTAL			$7,528,000

The 28.5% Rose Creek Vangorda Mines portion of this proposed work would be just over $2 million. No definitive schedule has been put forward, however it is expected that the exploration would be carried out in the next eight years.

It is recommended that this work be undertaken on a priority staged basis beginning as soon as possible. Further work is needed to delineate the priority work program; this will include more detailed review of old Cyprus Anvil files and updating and improving exploration data compilations. Currently, priority areas in order from highest to lowest are thought to be (1) the northeast part of the south Gale claims, especially the area southeast of Dy towards Blind Creek; (2) the hanging wall portion of the North Gale claims, especially the area of anomalous geochemical response; (3) the northwest part of the Bill claims south and southwest of the Faro Deposit; and (4) the hanging wall sequence of the Tie claims southwest of the Grum Deposit. Stepout holes for the Dy deposit should proceed in concert with the development of the mine plan for the deposit.

Respectfully submitted:

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Curragh Inc.

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APPENDIX A

APPENDIX A

GEOLOGY AND EXPLORATION IN THE ANVIL Pb-Zn-Ag DISTRICT

Appendix A
Geology and Exploration in the Anvil Pb-Zn-Ag District

District Stratigraphy

The stratigraphic sequence of Anvil District ranges in age from latest Precambrian to Permian. The lower part of the sequence is divisible into three major mappable units (figure A1. From the base these are noncalcareous metapelite of the Mt. Mye formation, calcareous meta-pelite of the Vangorda formation, and meta-basalt of the Menzie Creek formation (Jennings and Jilson, 1986). All formational names in this sequence are informal. The aggregate thickness for this pre-Silurian sequence is approximately 5km.

The strata overlying the above sequence are characterized by shale, chert, coarse clastics rich in chert fragments, minor limestone, and an uppermost basalt unit. Strata of the Devonian-Mississippian Earn Group (Gordey et al., 1982) and Pennsylvanian-Permian Anvil Range Group (Tempelman-Kluit, 1972) are present. All or part of this upper sequence may be allochthonous with respect to the underlying units. The boundary between allochthonous and parautochthonous strata is drawn at the base of the Anvil Range group where red cherts first become prominent in the section. The Earn group locally contains stratiform barite deposits.

The Devonian and younger rocks are not related to the ore deposits in the district and consequently are not discussed further. The three older units either host the ore deposits or are the exploration environment for the orebodies thus are considered in more detail below.

Mt. Mye formation

Mt. Mye formation consists dominantly of noncalcareous, biotite-muscovite-andalusite-staurolite +/- garnet schist in areas of amphibolite facies metamorphism and noncalcareous, weakly carbonaceous, light to medium grey muscovite-chlorite phyllite in areas of greenschist facies metamorphism. It contains lesser, interlayed black carbonaceous phyllite or schist, calcitic marble, calc-silicate phyllite or schist, greenstone or amphibolite, and psammitic schist. The formation has a structural thickness of at least 2 km, the base is not exposed. The reddish brown weathering colour of the formation is characteristic and helps distinguish it from noncalcareous portions of the overlying Vangorda formation.

Dark grey to black carbonaceous phyllite or schist members comprise about 10 per cent of the formation. They are more abundant in the upper 400m of the formation.

Calcitic marble and calc-silicate schist or phyllite also constitute about 10% of the Mt. Mye formation. The marble is light grey, medium crystalline calcite marble with boudins of pelite, amphibolite, and calc-silicate. Marble bodies may be up to 75m thick but are generally only a few tens of meters thick; they can be traced laterally for several kilometres. The calc-silicate lithology is a thinly interbanded sequence of purplish brown

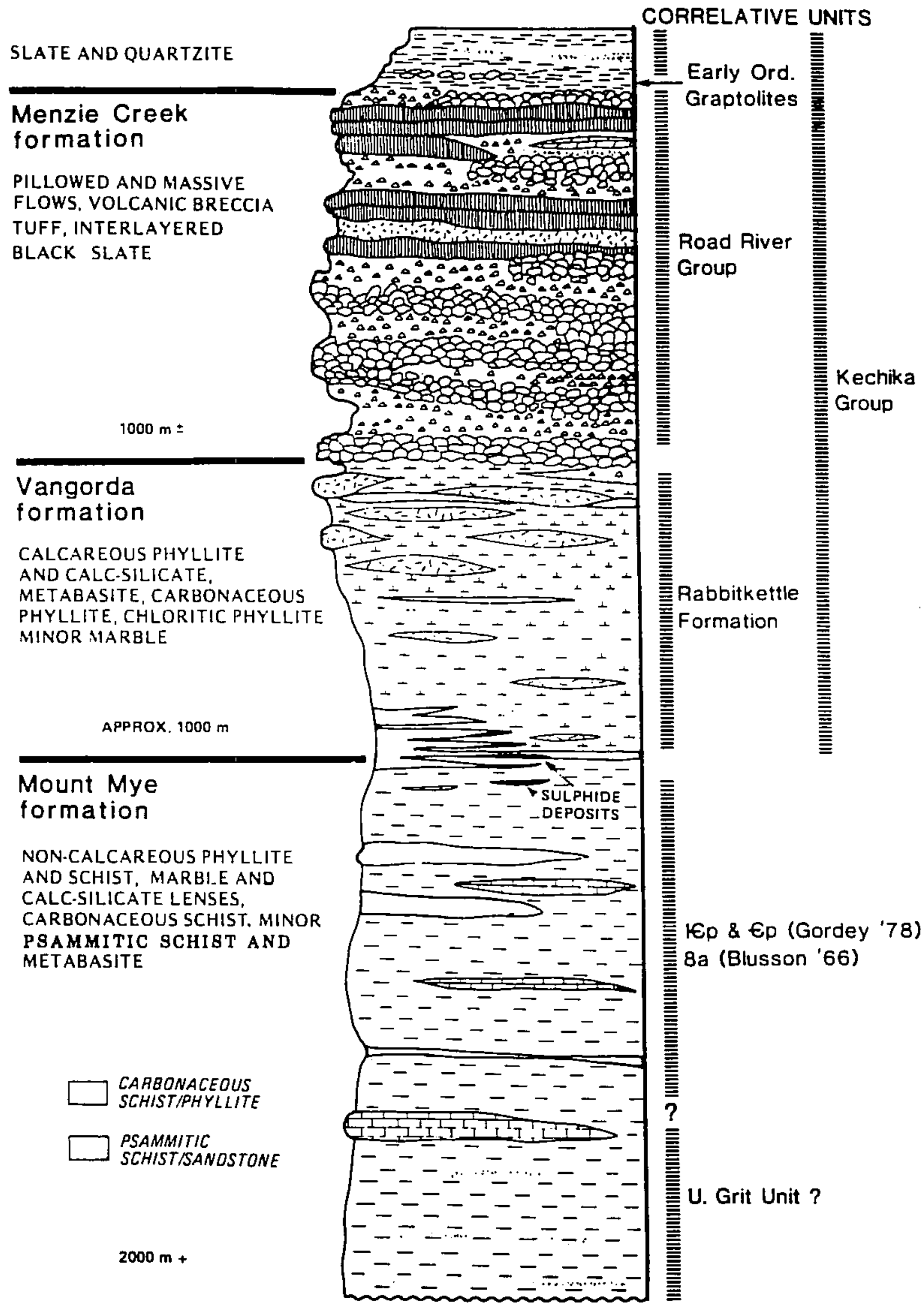

Figure A1: Stratigraphic column of the older portion of the rock units in the Anvil District.

biotite pelite and pale green actinolite-epidote calc-silicates. Typically the calc-silicates are spatially associated with the marbles. A persistent marble and calc-silicate horizon occurs about 500 to 700m below the top of the Mt. Mye formation.

Metabasite bodies in the Mt. Mye formation are generally only a few meters thick and have small lateral dimensions. Volumetrically they constitute less than 1% of the Mt. Mye formation. They are generally strongly foliated, dark green amphibolites lacking relict igneous texture. Compositions are similar to basalts of the Menzie Creek formation (Jennings and Jilson, 1986). They are interpreted as subvolcanic feeder dykes and sills of the Menzie Creek basalts.

The upper portion of the Mt. Mye formation is very similar to the buff weathering mudstone and blue-grey mudstone units described by Gordey (1978) to the east near Howards Pass and unit 8A of Blusson (1966). Correlation with these units would imply the top of the formation is lower Cambrian or possibly middle Cambrian. Jennings and Jilson (1986) suggested that the persistent marble and calc-silicate package may correlate with the widespread early Cambrian limestone conglomerate of Selwyn Basin. Parts of the Mt. Mye formation also resemble rocks underlying those presumed correlative units, implying that the Mt. Mye may include rocks as old as Hadrynian.

Vangorda formation

The Vangorda formation is characterized by light to medium-grey, calcareous, phyllitic rocks made up of very thin (0.1-2cm) interlayers of medium grey, non-calcareous, weakly carbonaceous, muscovite-chlorite pelite and light grey, generally calcareous quartz-calcite +/- dolomite siltstone. At the higher metamorphic grade of amphibolite facies, the Vangorda formation phyllites are transformed to a thinly banded, pervasively foliated, green, cream, and purplish brown, calc-silicate. Major interbanded units include greenstone, carbonaceous pelite, and phyllitic limestone. The Vangorda formation varies between 0.5 and 2km in apparent thickness. The formation becomes more calcareous up section. The light grey to tan coloured, drusy weathering of the formation is characteristic both within the district and elsewhere.

The greenstone bodies range from 1 to 100m in thickness and are up to several kilometres in length. They comprise approximately 15% of the Vangorda formation and are more prevalent near the top of the formation. Whole rock analyses show that the greenstones are compositionally similar to the overlying Menzie Creek basalts (Jennings and Jilson, 1986). Locally the greenstones contain coarsely crystalline serpentinized pyroxenite subunits, which may be pyroxene cumulates. Most greenstone bodies have medium-grained, equigranular centres with strongly foliated margins. Although marginal contacts of the bodies are superficially conformable, detailed inspection indicates the units are locally slightly crosscutting. The metabasites are thus interpreted as subvolcanic dyke and sill feeders to the Menzie Creek formation.

Typically the Vangorda formation adjacent to the metabasites is a thinly banded, hard, pale green, calcareous, chloritic phyllite. This lithology has been interpreted as a marginal tuff adjacent to basaltic flows (as noted in Jennings and Jilson, 1986). More extensive drill core inspection and additional outcrop exposures indicate that instead it represents a slight contact metamorphic aureole caused by intrusion of the greenstone bodies; further evidence that the greenstone bodies are intrusive.

Black, slightly calcareous to dolomitic, carbonaceous pelite members occur throughout the Vangorda formation. Dimensions and lateral continuity of these members are poorly known. The thickest and most extensive of these occurs at the base of the formation; it ranges from only a few tens of meters to 100m in thickness. This basal member becomes thicker in the immediate vicinity of the ore deposits and appears to be laterally equivalent to black, sulphide-bearing, ribbon-banded, carbonaceous, quartzite ores within the mineral deposits. Southwest of the Grum and Vangorda deposits the basal member is very siliceous and slightly pyritic enhancing the impression of equivalence to the carbonaceous quartzite ores.

The Vangorda formation is lithologically similar to, though more argillaceous than the Rabbitkettle Formation seen to the east (Gordey, 1978; Gabrielse et al., 1973). Based on this correlation the Vangorda formation may range in age from middle or late Cambrian through early Ordovician.

Menzie Creek formation

The Menzie Creek formation is a unit of basaltic metavolcanic rocks consisting of pillowed and massive flows with comparable amounts of massive, coarse, monolithic breccias and lesser, thin-bedded, tuff and/or volcanic sandstone and siltstone. The formation reaches a maximum structural thickness of 1.5km in the district. Whole rock major element and trace element data (Jennings and Jilson, 1986) imply that the flows of the Menzie Creek volcanic unit are dominantly alkali basalt erupted in a within-plate setting. Similar major and minor element compositions for the metabasites in the Mt. Mye and Vangorda formations suggest the metabasites are subvolcanic feeders for the Menzie Creek formation.

Carbonaceous phyllite and brown siltstone immediately overlying and interbedded with the uppermost Menzie Creek formation northeast of the Anvil Batholith contain graptolites of middle Ordovician or early Silurian age (Tempelman-Kluit, 1972; Gordey, 1983) suggesting correlation of the Menzie Creek volcanics with the widespread Road River Formation black shale and chert to the northeast. The Menzie Creek formation has been traced for 100km along strike and 30km across strike, showing that it is one of the largest of several basaltic units of its age in Yukon.

Relation of Stratigraphy to Ore Deposits

The ore deposits of Anvil District are stratiform and confined to an approximately 150m to 200m thick stratigraphic interval which includes the contact of the Mt. Mye and Vangorda formations. This stratigraphic position suggests the mineralization is Cambrian in age. The deposits consist of one to five layers of sulphide mineralization interbanded with barren metasedimentary rocks. For those deposits with more than one sulphide horizon, the mineralized horizons are generally stacked one above the other. At least three of these mineralized horizons appear to be laterally equivalent to part of the basal carbonaceous member of the Vangorda formation. The known deposits occur in a 25km long curving trend following the prominent fold axial trends of the district. Southwest of this trend there is a tendency for the basal carbonaceous member of the Vangorda formation to thicken. The ore horizons tend to occur at the base of thick carbonaceous units suggesting the exhalative ore forming event was an initial stage in the formation of a anoxic sub-basin. Unlike other sedimentary exhalative deposits of Selwyn Basin, the Anvil deposits are not characterized by a host stratigraphic section dominated by black carbonaceous rocks. Instead the carbonaceous rocks in the district are thin and subordinate or locally not even present near the sulphide deposits.

Ore Deposits

General Description

The lead, zinc, silver deposits of the Anvil District are of the sediment hosted, stratiform, massive pyritic sulphide type (Gustafson and Williams, 1981; Large, 1980) or sedimentary exhalative (sedex) type (Carne and Cathro, 1982). They occur either as a thick sulphide lens with little or no interbanded metasedimentary rocks (e.g. Faro) or as several thinner lenses stacked approximately one above the other with substantial metasedimentary interlayers (e.g. Grum and Dy).

Detailed mapping and drilling suggest the linearly distributed deposits lie close to a northeasterly "pinch out" or "zero edge" of the basal carbonaceous member of Vangorda formation. To date, no sulphide deposit lithofacies have been encountered in a small number of drill holes through the ore-bearing horizon southwest or northeast of the deposit line. These observations and the relationships to carbonaceous rocks noted previously, suggest some genetic link between sulphide deposits and facies changes at a anoxic sub-basin margin. The linear trend suggests the possibility of fault controlled hinge lines of sub-basins. The faults may have channelled ore fluids leading to sea floor exhalation followed by sulphide deposition in the sub-basin where reduced sulphur was available.

All deposits are composed of a small number of different ore types. The ore types are broadly divisible into massive sulphides and disseminated sulphides in quartzite. There are pyritic, baritic, pyrrhotitic and carbonate bearing variants of the massive sulphide ore types and carbonaceous and non-carbonaceous variants of the disseminated ore types. Ore type zoning is pronounced in the deposits with lower and distal ore types being disseminated carbonaceous quartzites and while upper proximal types are baritic massive sulphides (figure A2).

Lead-zinc grade and metallurgical performance varies by ore type. The baritic massive sulphides are high grade, easily grindable and yield good grade concentrates with good recoveries. On the other hand carbonaceous quartzites are typically low grade, hard, and produce lower grade concentrates with lower recoveries. Other ore types exhibit intermediate grade and performance.

The mineralization occurs in the thin, laterally extensive, sulphide sheets or horizons are deformed into complex fold structures. The deposits are elongate parallel to the D_2 fold axes and associated lineations in the host metasediments. The Faro deposit, which superficially does not appear to be complexly folded, actually shows great internal complexity in the geometry of high grade and waste layers.

Present deposit lengths are generally two to three times widths; unfolded, the deposits are interpreted to have had an amoeboid shape with diameters up to 4,000m. Individual sulphide horizons commonly are 10 to 40m in thickness. The upper contact and generally the lower contacts of sulphide horizons are sharp while lateral extensions grade into the enclosing host rocks. Parts of some deposits, particularly Vangorda (figure A3), show a footwall rich in quartz and iron sulphides/oxides and enriched in copper and gold relative to zinc. This may be a footwall silicified and sulphide impregnated feeder zone.

All deposits show a variably developed, white mica-dominant, alteration overprint in the wall rocks. This results in the phyllites having a bleached appearance. Chlorite ± pyrrhotite ± carbonate variants of the alteration are also found widely. At lower metamorphic grade this alteration tends to be found in the footwall of the ore horizons. At the Faro deposit, this bleaching/alteration halo is particulary intense and encloses the entire mineralized sulphide lens. The halo at Faro may be a fundamentally different sort of alteration related to the metamorphism of the deposit.

Fold Deformation

The structural and metamorphic history of the Anvil District is complex and of considerable significance to present form and nature of the ore deposits since all of the deposits have experienced the full deformation history. Five fold deformation phases have been recognized within the metasedimentary and metavolcanic rocks of the district. The first two are periods of intense mid-Mesozoic fold deformation and concurrent metamorphism which determined the gross structure of the mineral deposits. The remaining deformations are only locally developed and do not generally form large or significant structures.

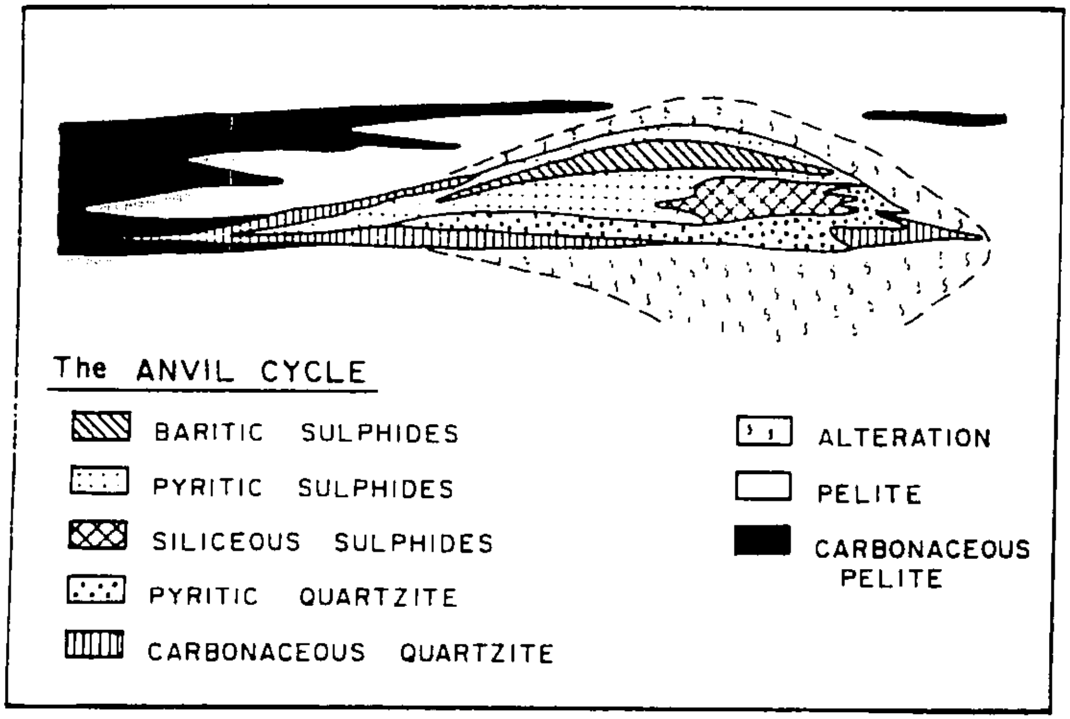

Figure A2: Idealized Anvil cycle of ore type facies variations based largely on the Faro and Vangorda deposit. The section is greatly vertically exaggerated.

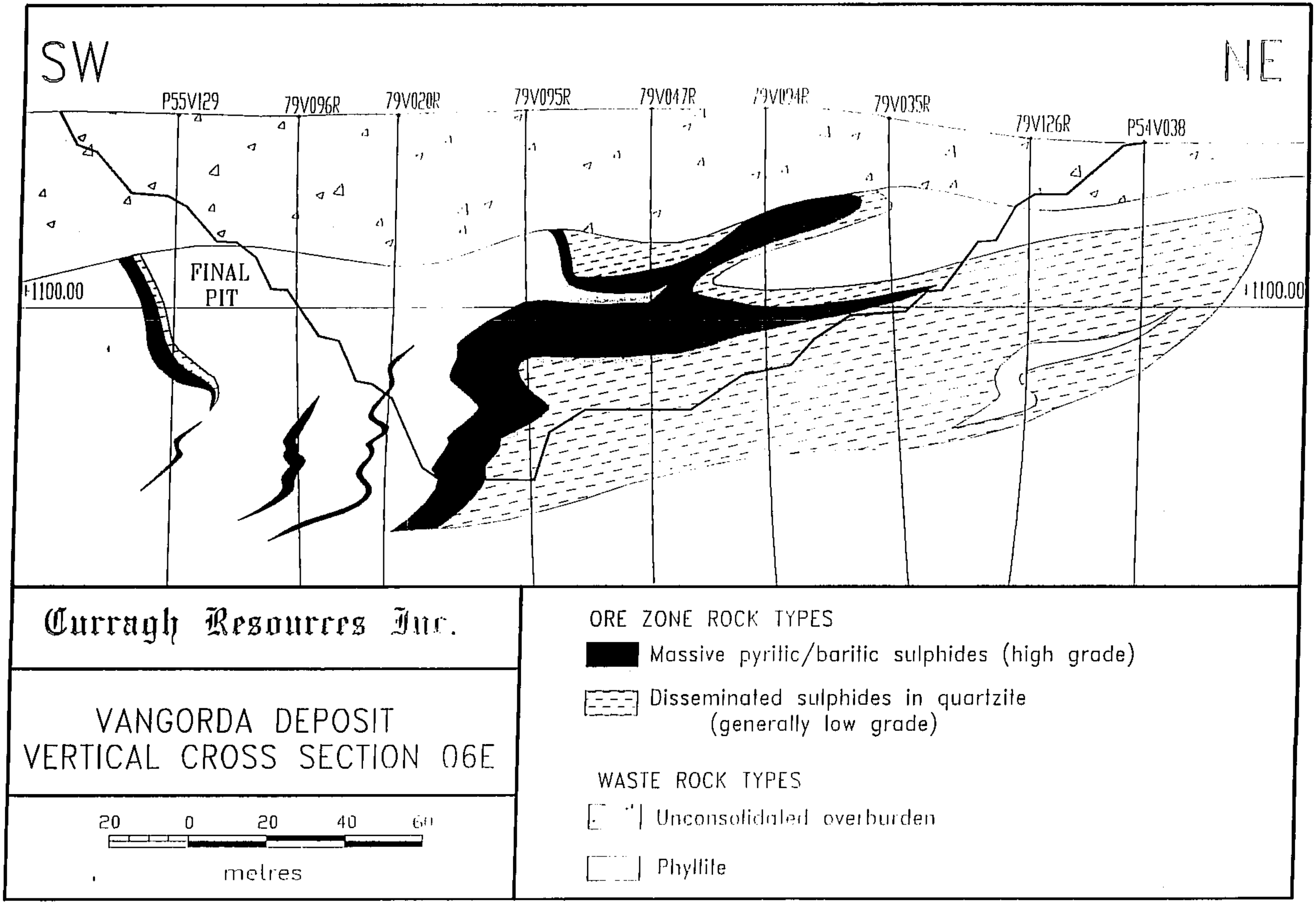

Figure A3: Cross section 6E through the central part of the Vangorda pit showing the ultimate limit. The ore horizons are thrown into Phase II folds with shallowly dipping axial planes. The section looks northwest down the direction of fold plunge. The disseminated mineralization in the footwall of the high grade ore is gold and copper rich relative to zinc and may be a footwall alteration zone.

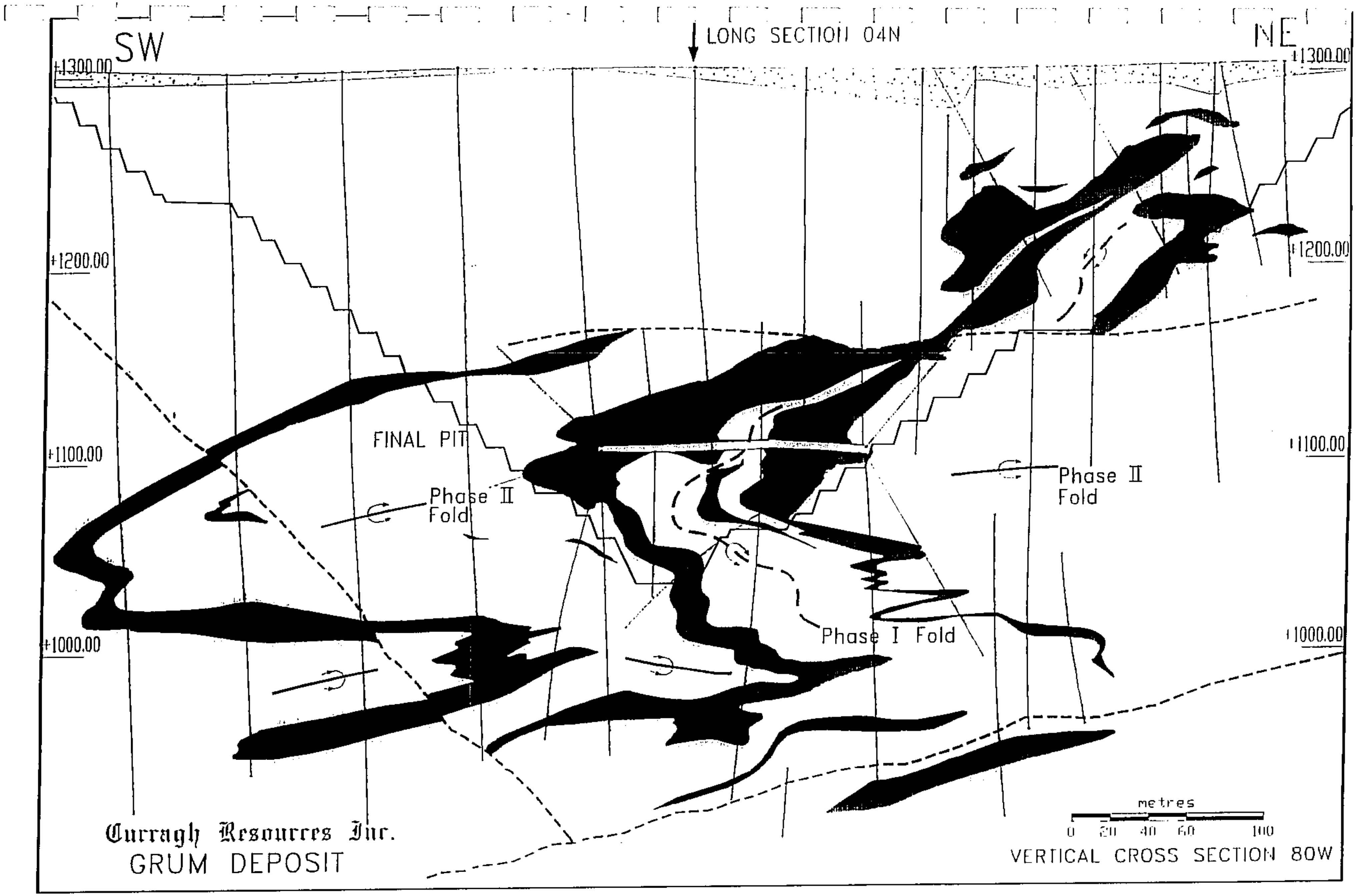

Figure A4: Cross section 80W through the northwest end of the Grum Pit showing the ultimate pit limit. Black includes all massive and disseminated sulphides regardless of grade. The deposit is a good example of a Phase I fold refolded by Phase II folds. Note the 80W crosscut at elevation 1,100m, this is the deepest part of the underground workings at Grum.

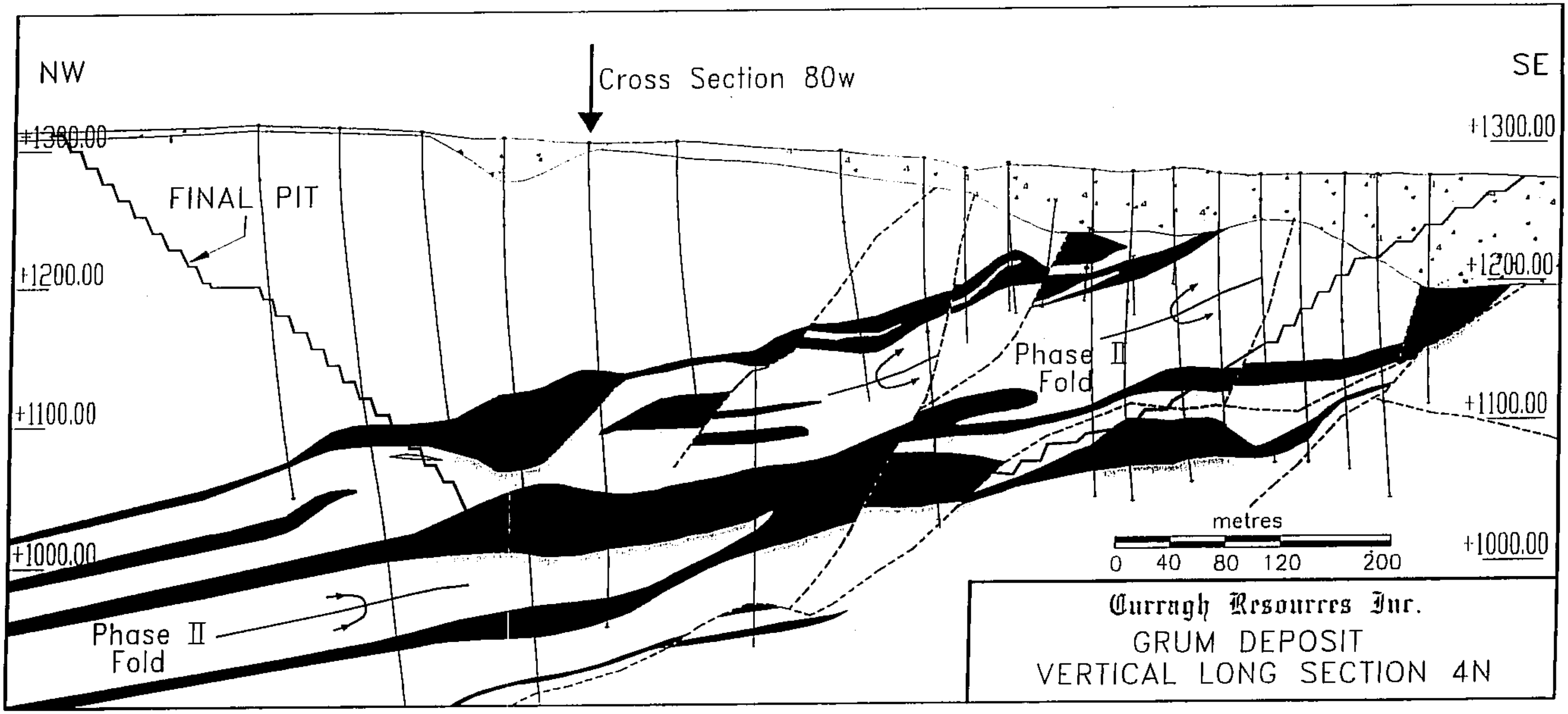

Figure A5: Longitudinal section through the centre of the Grum Pit. Black includes all sulphides. The section is drawn parallel to the fold axis and shows the northwest plunge of the folds and the deposit. The subcrop of Grum is covered by thick glacial till, this combined with the northwest plunge made Grum an essentially blind discovery.

The first deformation (D_1) produced a regional metamorphic foliation (S_1) axial planar to tight to isoclinal mesoscopic folds (F_1) in bedding (S_0). Mesoscopic D_1 early folds are rarely preserved in the district; they are ubiquitously north-easterly inclined to upright, northeasterly verging (shaped like a 'Z' looking northwest) structures with shallow northwesterly or southeasterly plunging axes.

During the second deformation event (D_2), S_1 was strongly crenulated and ubiquitous close to tight mesoscopic folds (F_2) in S_1 were produced. S_0 primary bedding was transposed into near parallelism with the S_2 foliation. Parallel to the axial planes of the D_2 folds is a crenulation cleavage (S_2) which imparts a well developed lithon structure to most rocks of the district, especially the strongly banded phyllites of the Vangorda formation. F_2 axial planes and S_2 axial plane foliations dip shallowly to the southwest or northeast, with fold axes subparallel to F_1 fold axes. Southwest of the Anvil Batholith the S_2 surfaces dip dominantly southwest, and F_2 minor folds have southwest vergence (shaped like a 'S' looking northwest). Northeast of the batholith S_2 surfaces dip dominantly northeast, and F_2 minor folds appear, on the basis of limited evidence, to have northeast vergence. The shallow dip of F_2 axial planes, the isoclinal nature of F_2 folds, and the transposition of bedding into foliation creates some of the more important exploration characteristics of the district. Rock units are flat lying to shallowly dipping on the average although there are local exceptions (e.g. Grum). Electromagnetic methods must be able to couple well with flat lying conductors. The shallow dip of the area also means exploration targets tend to present their largest dimension to a vertical drill hole.

The largest megascopic folds known to have been formed during D_2 are those at the Grum Deposit (figure A4) and comparable folds in the Swim Deposit. Three later, less intense periods of folding and associated faulting followed. The later events (D_3 through D_5) generally produced open folds and weak crenulations in S_2 related to broad, regional structures. An important exception to this general rule is found in the vicinity of the Faro deposit where the fourth event (D_4) is intense with tight mesoscopic folds developed in nearly pervasive S_2. D_4 minor folds have appreciable mica growth along S_4 axial plane crenulation cleavages.

Plutonism

During the later stages of this deformation history a large granitic body (Anvil Batholith) was intruded into the metamorphic sequence. Anvil Batholith ranges in composition from a biotite-muscovite peraluminous granite to a metaluminous to peraluminous hornblende-biotite granodiorite (Pigage and Anderson, 1985). Textures include equigranular massive, megacrystic massive, and various strongly to weakly foliated variants. Foliation within the intrusive rocks is concordant with S_2 surfaces in the surrounding metasediments. Several K-Ar ages on the granitic rocks yielded ages of 85-100 Ma (Tempelman-Kluit, 1972). Rb-Sr isochron ages of 99-100 Ma (Pigage and

Anderson, 1985) and unpublished zircon model ages (Mortenson, pers comm.) are concordant with the K-Ar ages and indicate rapid cooling after high-level emplacement.

Intrusion of the Anvil Batholith further deformed the metamorphic sequence so that the overall structure of the district is an elongate dome cored by the Batholith. In the later stages of emplacement large extensional fault displacement occurred along the margins of the Batholith (Pigage and Jilson, 1985). S-C mylonitic banding within these fault zones, and in the granitic footwall of some, is consistent with development of the faults during late D_2 deformation. These faults determine the present day limits of several of the deposits.

Anvil Batholith and surrounding metasedimentary rocks are crosscut by two general types of post-tectonic dykes. The majority of the dykes are northeast-trending, medium to dark green, porphyritic, unfoliated, hornblende-biotite quartz diorite. These quartz diorite dykes appear to be associated with late extensional faults. Unfoliated, pale tan, smoky quartz-feldspar porphyry also occurs as late crosscutting dykes. The dyke suites have not been extensively isotopically dated; their absolute ages are thus uncertain. One important date has been obtained on a unsheared quartz-feldspar porphyry intruding the Tie fault zone, one of the major extensional faults. This zircon age indicates that the dyke cooled at 100ma, essentially the same age as the Batholith. This leaves little doubt that the extensional faults are related to late stage high level emplacement and rapid cooling of the Batholith.

Metamorphism

Metamorphism was concurrent with deformation and was most intense during the major D_1 and D_2 folding deformations. D_1 metamorphism has been largely overprinted by the later D_2 metamorphism. Metamorphic grades during these two events appear to be comparable since mica mineral assemblages between microlithons (i.e. S_1 foliations) are similar to those defining the S_2 foliation surfaces. The rest of the discussion will focus on the D_2 metamorphism.

Metamorphic grade ranges from upper amphibolite facies (sillimanite-muscovite zone) to lower greenschist facies (muscovite-chlorite zone) in a low pressure Buchan type facies series. In pelites adjacent to the intrusions the typical assemblage is andalusite-staurolite-garnet-biotite-muscovite-quartz-plagioclase with local fibrolite and cordierite. Lower greenschist facies pelites contain the assemblage muscovite-chlorite-quartz-plagioclase.

Metamorphic isograds are roughly concentric about the Anvil Batholith. Locally isograds are truncated and juxtaposed by the late D_2 extensional faults. The Faro deposit (closer to the Batholith) is metamorphosed to amphibolite facies. All other deposits are only weakly metamorphosed to lower greenschist facies. This difference in metamorphism is reflected in decreased grain size and increased degree of mineral intergrowth in the less metamorphosed deposits (Tempelman-Kluit, 1970). This has a significant impact on metallurgical response of Anvil district ores.

Geophysical Characteristics of the Formations

The phyllites and schists of the Anvil District have a density of approximately 2.6 to 2.7 gm/cc. They are soft and easily eroded but have few other distinctive characteristics other than a high background chargeability due to their micaceous nature. The carbonaceous layers are black and highly conductive along carbon smeared S_2 folia. These rocks are the most conductive lithologies of the district. They form distinct layers which can be traced to help map the distribution of units in areas of poor exposure since the enclosing phyllites are non-conductive.

Greenstones and amphibolites are relatively dense (3.0 gm/cc), resistant, and commonly magnetic thus tend to form bedrock knobs which when buried by till create a positive residual gravity anomaly. Metabasites in the upper Vangorda formation are locally bounded by carbonaceous lithologies. This lithologic association can create coincident gravity, magnetic and electromagnetic anomalies which are of no economic interest. In general, greenstones create difficult interference for gravity surveys.

Calc-silicates are also a dense rock type, approximating the density of greenstones, however the calc-silicates are more widespread and flaggy, thus less likely to form bedrock ridges. Where calc-silicates do form such ridges the high contrast between the rock and till densities can create a misleading positive residual gravity anomaly.

The Menzie Creek formation on the southwest side of Anvil Batholith is interlayered with carbonaceous phyllites. The Menzie Creek formation and overlying units thus have a very "active" EM signature on airborne and Turam EM surveys and make it easy to delineate the top of the Vangorda formation.

Granitic rocks are homogenous and restive, they create very flat EM response and have very low magnetic relief.

Geophysical Characteristics of the Ores

The sulphides have a number of physical characteristics which are important for geophysical exploration. The massive sulphides have densities in the range of 4.0 to 4.5 grams/cc thus form excellent density contrasts and against all rock types and strong positive gravity anomalies. Because of this density contrast gravity surveys have been an important and definitive exploration tool in the district. As the search depth increases however gravity surveys rapidly become ineffective because of the numerous corrections and spurious influences they are prone to. Disseminated sulphide bearing quartzites can be high grade but have densities only slightly greater than greenstones or calc-silicates (3.0 gm/cc), a further complicating factor.

The massive sulphides are conductive but are actually less conductive than associated carbonaceous phyllites or graphitic quartzites and will not necessarily stand out compared to the carbonaceous rocks.

Several sulphide lithologies are pyrrhotitic and/or magnetite bearing and are strongly to weakly magnetic. Of particular interest is the low grade copper-gold footwall sequence at Vangorda which is rich in pyrrhotite with lesser magnetite. There is a less well developed footwall sequence at Swim. Similar magnetite $\pm$ pyrrhotite lithologies occur throughout the upper (Champ) horizon at Grum as well as in the footwall of one of the lower structural panels. At Faro, barren massive pyrite is commonly magnetite bearing and slightly magnetic. In all the greenschist facies deposits the baritic ores are slightly magnetic due to fine, disseminated magnetite. Adjacent to dykes the pyritic sulphides may be altered to pyrrhotitic assemblages or, in extreme cases, to massive pyrrhotite or even massive magnetite. This alteration is particularly pronounced adjacent to the large dyke at the northwest end of the Faro Pit and to a lesser extent along the dyke separating Zone I and Zone II (near section 118).

Surficial Geology

All but the highest peaks in the area were ice covered in the latest glaciation. Ice flow and transport direction was from east-northeast to west-southwest as evidenced by glacial striae and elongate land forms as well as transport of distinctive rock types such as the serpentinized pyroxenites in the upper Dixon Creek area.

Discontinuous deposits of glacial till and glacio-fluvial deposits are common in the area, however with local exceptions the deposits are not thick. Important exceptions are a valley filled with up to 100m of overburden over the subcrop of the Grum deposit (figure 7) and a ridge of highly compacted till up to 40m thick overlying the Vangorda deposit. Thick fluvial deposits also occur in the Rose Creek, the west fork of Vangorda Creek and in the Blind Creek valleys. In Swim Basin there is a widespread, thick, blanket of glacial deposits which significantly inhibits exploration.

Glaciers stripped of most of the weathered mantle, thus most geochemical anomalies are transported either hydromorphically or physically by downhill movements or ice transport.

Exploration History and Exploration Techniques

Exploration in the Anvil District has passed through several phases since the early 1950's when the first discovery was made at Vangorda Creek (Simpson and Jennings, 1984). Each phase of exploration has detected deposits at greater depths of burial.

Conventional prospecting and local but highly effective use of geophysics and geochemistry (Chisholm, 1957) led to the discovery of the Vangorda as well as the shallow or outcropping Firth and Champ occurrences at either end of the Grum structure. In the mid-sixties these methods were replaced with more widespread saturation airborne geophysical (magnetic and later EM) and less widely used geochemical methods (Aho, 1966; Brock, 1973). These rapid regional surveys were followed up by ground geophysics and rotary or diamond drilling. The second phase located two covered but near surface deposits with relatively strong but not always unambiguous geophysical and geochemical signatures: Swim in 1963 and Faro in 1964.

Followup of the second phase continued until the early seventies producing a patchwork of disconnected surveys, many of them conducted in haste and with poor control during the hectic years following the Anvil staking rush.

In the early seventies, a third phase started when a commitment was made by Cyprus Anvil (then Anvil Mining Corporation) and its parent corporations (Cyprus Mines Corporation and Dynasty Explorations) to initiate district-wide geologic mapping and more systematic ground surveys. A major rotary drilling program, designed to sample overburden, was also carried out in 1971.

Over the years a district wide Turam EM survey coverage was built up. By this time EM took on a more exclusively passive role than in the past, being intended not just to search directly for ore but also to help trace units indicative of ore potential and to aid geologic mapping in areas of poor exposure. Many conductors were screened by gravity surveys and anomalous situations drill tested with generally unencouraging results. By the mid-seventies geological, electromagnetic and drilling information were combined to produce a geological map of the district with common scaled compilations of other exploration information.

This compilation and ongoing regional geologic mapping allowed the establishment of a tentative district stratigraphy which, in turn, led to a structural model for the main part of the belt.

The continuing negative results of anomaly testing and dwindling inventory of attractive targets began to indicate that the near surface, open pittable, potential of the district was becoming limited on C.A.M.C.'s ground. As target depths increased, gravity rapidly became in ineffective screen due to interference by bedrock relief, poor terrain corrections and instruments subject to high drift. Attention turned toward subtle anomalies supported by geology and to blind drilling beyond the limits of geophysical penetration following predictions based on geology.

A similar re-examination of Kerr Addison's land by A.E.X. Minerals led to the re-evaluation of gravity work following geological projections of favourable structure. The Grum discovery resulted in 1973.

The Dy discovery was the result of drill testing the structural and stratigraphic model noted above. The Dy drilling was the beginning of a program of deep drilling laid out with spacing sufficient to make detection of various size targets and various depths likely (basically a Swim sized target to 330m (1,000 ft) and a Faro sized target at greater depths). The discovery hole was specifically drilled to test the favourable trend where the geologic model predicted favourable stratigraphy at 600m depth. This can be regarded as the fourth phase of exploration.

The deep drilling program was essentially suspended by the massive drilling requirements at Dy but resumed between 1979 and 1981 when several deep holes were put down particularly to test the down dip extensions of the Faro, Vangorda and Swim deposits with scattered holes elsewhere. Unfortunately since the stratigraphic model was incompletely developed at that time, some of these holes were not deep enough. The stratigraphic sequence, as now understood, provides a good "shut down unit", the marble and mixed schist - calc-silicate sequence about 500 to 700m below the top of the Mt. Mye formation. Future drill holes should attempt to reach this unit if at all possible.

Exploration Model

The essence of the exploration model developed over the years is that the Anvil District deposits are stratiform, massive and quartzose disseminated sulphide lenses occurring at several horizons through approximately 150m to 200m thick stratigraphic interval including the upper Mt. Mye and lower Vangorda formations. The individual ore horizons are highly zoned amoeboid bodies which are locally the lateral equivalent to widespread though discontinuous carbonaceous phyllite units. Deposits may consist of one horizon or a stack of three or more superimposed horizons. Deposit shapes are heavily influenced by the complex folding and faulting that affects all rocks of the district. The known deposits fall along a well defined curvilinear trend which appears to be related to facies and/or thickness changes involving carbonaceous lithologies. This trend heavily biases exploration thinking because of the simple empirical observation that success has occurred "on trend" but not yet "off trend" despite considerable effort. Areas on trend are thus considered to have significantly higher potential for ore discovery. It must be constantly realized that the off trend favourable stratigraphic horizon is only exposed at two places in the district and is fully tested by only a few drill holes thus there is considerable scope for new discoveries which could lead to revision of this restrictive exploration model.

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APPENDIX B

APPENDIX B

GEOLOGICAL LEGEND FOR
1"=1,000' AND 1"=2,000' COMPILATION
(figures 12 and 22)

ANVIL RANGE LEAD-ZINC-SILVER DISTRICT
GEOLOGICAL LEGEND
(for 1"=2000' and 1"=1000' compilation series)

Mt. MYE FORMATION: Hadrynian to Lower Cambrian main Amphibolite Facies:

(943)	1C	Banded quartzofeldspathic biotite-muscovite-garnet-staurolite schist/gneiss
(947)	1D	moderately carbonaceous biotite-muscovite-andalusite schist
(908)	1F	metabasite/amphibolite
(901)	1G	marble/silicated marble
(913)	3D	calc-silicate schist

mainly Greenschist Facies some Amphibolite Facies:

(941)	3G	non-calcareous, medium grey phyllite
(908)	3C	metabasite (greenstone or amphibolite)
(963)	3E	graphitic phyllite
(916)	3I	micaceous quartzite

VANGORDA FORMATION: Middle or Lower (?) Cambrian to Early (?) Ordovician Amphibolite Facies:

(913)	3D	calc-silicate schist
(908)	3C	metabasite (greenstone/amphibolite)
(912)	3A	transition zone = graphitic phyllite, chloritic phyllite, and calc-silicate
(946)	3B	chloritic phyllite
(906)	3F	marble/silicated marble

Greenschist Facies:

(936)	5A	variably calcareous, graphitic phyllite
(920)	5B	variably calcareous, medium grey phyllite
(908)	5C	metabasite (greenstone)
(910)	5D	banded tuff *
(904)	5E	phyllitic marble
(910)	5F	chloritic phyllite*
(949)	5G	graphitic phyllite

MENZIE CREEK FORMATION: Early Ordovician to Silurian

(911)	5H	pillowed basalt/basalt breccia
(965)	5I	graphitic slate

EARN GROUP AND ANVIL RANGE GROUP: Mid Devonian to Permian

(966)	6A	black shale/siltstone/black chert may include rocks older than Earn Group	
(905)	6E	bioclastic limestone-Mid Devonian fossils	Earn Group
(921)	6C	chert pebble conglomerate/sandstone	Earn Group
(940)	6D&B	barite (upper and lower horizons respectively)	Earn Group
(948)	6F	green, black and beige phyllitic chert	both Earn & Anvil Range Groups
(930)	6G	red phyllitic chert	Anvil Range Group
(931)	7A	epidotizied massive basalt	Anvil Range Group
(933)	8A	serpentinite	Ultramafic complex of Vangorda Creek Fault Zone
(924)	8B	rodingite	Ultramafic complex of Vangorda Creek Fault Zone
(933)	8C	gabbro	Ultramafic complex of Vangorda Creek Fault Zone
(933)	8D	diabase	Ultramafic complex of Vangorda Creek Fault Zone
(933)	8E	harzburgite	Ultramafic complex of Vangorda Creek Fault Zone
( )	8F	basalt	Ultramafic complex of Vangorda Creek Fault Zone
( )	8G	eclogite	Ultramafic complex of Vangorda Creek Fault Zone

MESOZOIC CLASTICS: Upper Triassic and Younger (?)

(914)	9	siltstone, sandstone, shale, limestone, greywacke, chert/minor basalt- contains upper Triassic fossils
(942)	10	polymictic conglomerate and sandstone

YUKON CATACLASTIC COMPLEX/KLONDIKE SCHIST: Mainly Palaeozoic?

(915)	OB	micaceous quartzite, quartzite, graphitic phyllite-commonly cataclastic (may include cataclastic granitic rocks in West Fork Vangorda Creek
(908)	OE	amphibolite, garnet amphibolite
(922)	OG	eclogite (same as 8G)

INTRUSIVE ROCKS: Cretaceous
Anvil Batholith

(928)	11A	granodiorite - equigranular
(929)	11B	quartz monzonite and granite - porphyritic

Dyke Suite

(939)	11C	quartz monzonite pegmatite dikes
(956)	11D	equigranular hornblende biotite quartz diorite*
(934)	11E	porphyritic hornblende biotite quartz diorite*
(937)	11F	quartz feldspar porphyry, commonly with smoky quartz
(932)	11G	pyroxenite, serpentinized pyroxenite (maybe a phase of 5C)

* does not conform to current subsurface usage

APPENDIX C

APPENDIX C

DRILL CORE LITHOLOGIC CODE

ANVIL DISTRICT
DETAILED LOGGING LITHOSTRATIGRAPHIC CODE
MAIN DEPOSIT AREA

	Prisma Color #	Rock Code	Description
Unit 11			
Unconsolidated Overburden			
		11A	Triconed, no recovery
		11B	Till, silt, sand - all unconsolidated
Unit 10			
Intrusive Rocks - Batholith Suite			
	928	10AB	Undifferentiated Granitic Rocks of Anvil Batholith (undifferentiated 10A and 10B)
	928	10A	Muscovite-biotite granodiorite
	929	10B	Megacrystic (K feldspar) biotite quartz monzonite
Intrusive Rocks - Dyke Suite			
	939	10C	Quartz monzonite pegmatite
	939	10D	Equigranular biotite hornblende quartz diorite
	934	10E	Porphyritic biotite-hornblende quartz diorite
	925	10F	Smoky quartz-feldspar porphyry
	932	10G	Pyroxenite, serpentinized pyroxenite
	938	10Q	Bull quartz veins/pods
		10EF	Undifferentiated dyke rocks - unclear of affiliation

Modifiers

1	Foliated/lineated
2	Porphyritic
3	Aphanitic
4	Smoky quartz-bearing
5	Muscovite-bearing
6	Kspar-bearing
7	Biotite-bearing
8	Amphibole-bearing
9	Altered (kaolinite, montmorillonite)
0	Normal (equigranular)

	Prisma Color #	Rock Code	Description
Unit 5			
Vangorda Formation in Greenschist Facies			
	936	5A	Variably calcareous, graphitic phyllite (= 1E, hosts Units 2/4)
	936	5A*	Graphitic fault rock with shear band fabric and clasts of vein quartz and altered metabasite
	920	5B	Calcareous muscovite-chlorite+/- biotite phyllite (greenschist equivalent of 3D)
	908	5C	Metabasite (includes pyroxenite)
	910	5D	Chloritic phyllite (also logged as 5F locally)
	904	5E	Phyllitic marble and silicated marble
	910	5F	Laminarly banded, variably calcareous, chloritic phyllite (associated with 5C)

949	5G	Variably calcareous, graphitic phyllite (above basal graphitic unit)

Modifiers:

1	Siliceous
2	Carbonaceous
3	Calcareous
4	Altered, pyritic (white mica envelope)
5	Banded/laminated
6	Non-calcareous
7	Chlorite laminations
8	Chloritic
9	Sulphide-bearing
0	Normal
*	Carbonate-bearing

Example: 5C4* is an altered metabasite
5E5 is a banded phyllitic marble
5B0 is normal Vangorda Formation calcareous phyllite

Unit 3

Mt. Mye Formation (Greenschist and Amphibolite Facies) but also includes some Vangorda formation in areas of amphibolite facies

916	3I	Graphitic quartzite in non-calcareous phyllite/schist
941	3G	Non-calcareous muscovite-chlorite+/biotite phyllite
906	3F	Marble and silicated marble (=1G)
963	3E	Graphitic phyllite/schist (= 5A)
913	3D	Calc-silicate phyllite/schist (equivalent of Vangorda formation 5B in areas of amphibolite facies)
908	3C	Metabasite (includes pyroxenite)
946	3B	Chloritic phyllite/schist (c.f. 5D)
912	3A	Transition zone with Unit 1 (interbanded chloritic phyllite, graphitic phyllite, and pelites of Vangorda and Mt. Mye Fms.)

Modifiers:

1	Siliceous
2	Non-calcareous
3	Calcareous
4	Altered, pyritic
5	Banded/laminated
6	Sulphide-bearing
7	Chlorite laminations
8	Chloritic
9	Carbonaceous
0	Normal

Example: 3G9 is carbonaceous, non-calcareous phyllite (but not dark enough coloured to be 3E)
3F9 is a carbonaceous marble

Ore Deposits and Related Alteration

Unit 2/4

Faro (Unit 2), Grum, Vangorda, Dy Deposits (Unit 4) Conformable Contact

922	2/4A	Sulphide-bearing, ribbon-banded, graphitic quartzite
915	2/4B	Pyrite-free quartzite (may contain base metal sulphides)
916	2/4C	Base metal-poor, pyritic quartzite
942	2/4D	Base metal-bearing, pyritic quartzite
918	2/4E	Massive pyritic sulphides
923	2/4F	Buckshot facies, massive pyritic sulphides
928	2/4G	Baritic facies, massive sulphides/sulphates (> 10% BaS04)
924	2/4H	Pyrrhotitic facies, massive sulphides
949	2/4J	Non-pyritic, massive sulphides/oxides (vein type sulphides)
921	2/4K	Dolomite-bearing, massive pyritic sulphides
915	2/4Q	Foliated sulphide quartz ± carbonate assemblages with vein textures

Modifiers

1 Siliceous
2 Fine pyrite/marcasite-bearing
3 Coarse, porphyroblastic pyrite-bearing
4 Sphalerite and/or galena-bearing
5 Carbonaceous
6 Barite-bearing
7 Pyrrhotite-bearing
8 Magnetite-bearing
9 Chalcopyrite-bearing
0 Normal
* Carbonate-bearing

914 2/4L Alteration Facies for Metapelite Units, white muscovite>quartz-chl-bio-phyllite (generally sulphide-bearing)

Modifiers:

1 Siliceous
2 Pyrite-bearing
3 Talc/kaolinite-bearing
4 ZnS and/or PbS-bearing
5 Carbonate-bearing
6 Chl-bio>qtz-musc phyllite
7 Pyrrhotite-bearing
8 Magnetite-bearing
9 Chalcopyrite-bearing
0 Normal

Note: At Faro the altered/bleached halo around the deposit is termed 1D4 rather than 2L

Examples: 4E68$ is a pyritic massive sulphide containing barite, but less than 10% by volume, also containing magnetite and minor dolomite, but relatively little lead zinc.
4L67 is a chlorite>muscovite phyllite containing pyrrhotite.

Unit 1

Mt. Mye Formation (Amphibolite Facies)

902	1B	Tactite and silicated marble (=3F)
943	1C	Quartz-feldspathic, biotite-muscovite gneiss/schist
947	1D	Carbonaceous biotite-muscovite-andalusite schist
943	1CD	Biotite-muscovite-andalusite schist transitional between 1C and 1D
967	1E	Graphitic schist
908	1F	Metabasite (=3C), chloritic schist/amphibolite
901	1G	Marble and silicated marble (= 3F)
910	1H	Chloritic schist (c.f. 5D)

Modifiers:

1 Siliceous
2 Carbonaceous
3 Calcareous
4 Altered, pyritic (generally bleached off white)
5 Banded
6 Clotted (i.e. containing clumps of various different mineral assemblages)
7 Staurolitic
8 Chloritic
9 Sulphide-bearing
0 Normal

Examples: 1D4 is a altered (bleached) rock, originally a muscovite, biotite, andalusite schist
1E19 is a hard, unusually siliceous, graphitic phyllite containing sulphides

Carbonates - in all units following symbols are used to identify carbonate species

*	any carbonate (Note: unfortunately 5A* has been used for a particular fault rock, * does not imply carbonate for that one rock type)
#	calcite
$	dolomite
@	ankerite or ferroan dolomite

Miscellaneous conventions

( )	interlayered lithologies listed in order of abundance, used where rock types interlayered on a scale too small to split out. (5B0; 5F0) is commonly used for a set of two interlayered lithology types
[ ]	alternative lithology used where another name may be equally valid of logger is not certain in later case generally followed by ?
->	transitional to/gradational with
80:20	proportions of interbanded ( ) units: 80% first unit, 20% second unit
&	± i.e. locally present, locally not present

Notes:

The term "carbonaceous" is used to indicate a weakly to moderately carbon bearing rock whereas "graphitic" is used to indicate a black, highly carbon rich rock. The presence of graphite is not actually implied by this usage. In the text of this report the term carbonaceous is broadened to embrace all abnormally carbon rich rocks.

Letter combinations are used locally in logs to indicate rocks intermediate between the main rock types or an interval having characteristics of both rock types. For example 2C/E is a semi-massive pyrite rock with abundant quartz gangue (between 2C and 2E). Other loggers might use modifiers 2C3 or 2E1 to indicate the same rock.

"Stringered" refers to containing thin veinlets of pyrrhotite + chlorite ± dolomite or ankerite along S_2 or S_1, (this is a very weak alteration facies).

"Speckled" refers to containing disseminated specks of carbonate ± chlorite (this is also thought to be a very weak alteration facies).

APPENDIX D

APPENDIX D

SUMMARY DRILL LOGS
DIAMOND DRILL HOLES
BILL/L.O./JOE/TIE GROUPS

66-PR-1	68-PR-1	456-75-09	76DS01
66-PR-2	68-PR-2	456-75-13	76DS02
66-PR-3		456-75-14	79TIE01

* Note: Unless otherwise noted, all measurements are in metres for diamond drill logs.

See Appendix C for the meaning of the various codes used to indicate lithologies on these summary logs. Detailed logs for all these holes are available at Curragh's Whitehorse Office and most are also entered into computer drillhole databases.

SUMMARY DIAMOND DRILL HOLE LOG
66–PR1

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	8.5	8.5	11A	
8.5	11.9	3.4	1D0	
11.9	30.0	18.1	1E0	
30.0	30.3	0.3	1H0	
30.3	34.6	4.3	1E0	
34.6	36.1	1.5	1H0	
36.1	57.6	21.5	10F	
57.6	59.3	1.7	1EO	(1F0)
59.3	62.0	2.7	10F	
62.0	75.7	13.6	1EO	
75.7	93.7	18.1	10F	

Orientation: Vertical
Source: Translated 1992 by G. Jilson from 1975 DSJ log
Assays: No assays

SUMMARY DIAMOND DRILL HOLE LOG
66-PR2

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	13.6	13.6	11A	
13.6	40.7	27.1	1CD	
40.7	42.3	1.5	1F0	
42.3	77.7	35.4	1CD	
77.7	78.4	0.7	1F0	
78.4	84.9	6.5	1CD	
84.9	96.1	11.2	1F0	
96.1	103.1	7.0	1C0	
103.1	129.8	26.8	1F0	
129.8	182.8	53.0	1D0	
182.8	184.0	1.2	1F0	
184.0	201.8	17.7	1CD	
201.8	216.4	14.7	1C0	
216.4	217.1	0.7	1E0	
217.1	229.0	11.9	1G	(1H0)
126.8	266.5	139.7	1CD	

Orientation: Vertical
Source: Translated 1992 by G. Jilson from 1975 DSJ log
Assays: No assays

SUMMARY DIAMOND DRILL HOLE LOG
66-PR3

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	12.6	12.6	11A	
12.6	14.0	1.4	1CD	
14.0	17.7	3.7	1H0	
17.7	19.1	1.4	1CD	
19.1	21.1	2.0	1CD	
21.1	44.3	23.2	1CD	
44.3	45.0	0.7	1CD	[1CD4]
45.0	45.7	0.7	1CD	[1CD4]
45.7	46.2	0.5	1EO	
46.2	50.6	4.4	1CD	
50.6	52.5	1.9	1H0	
52.5	53.7	1.2	1CD	
53.7	65.1	11.4	1CD	
65.1	65.8	0.7	1H0	
65.8	72.6	6.8	1CD	
72.6	75.0	2.4	1H0	
75.0	84.5	9.5	1CD	
84.5	85.4	0.9	1F0	(1G0)
85.4	86.2	0.9	1CD	
86.2	86.6	0.3	1CD	
86.6	90.7	4.1	1CD	[1CD4]
90.7	100.9	10.2	1CD	
100.9	102.9	2.0	1CD	
102.9	103.9	1.0	1CD	
103.9	112.6	8.7	1CD	
112.6	152.3	39.7	1C0	

Orientation: Vertical
Source: Translated 1992 by G. Jilson from 1975 DSJ log
Assays: No assays

SUMMARY DIAMOND DRILL HOLE LOG
76DS1

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	3.4	3.4	#	OVERBURDEN
3.4	17.8	14.4	3D	5B0
17.8	18.7	0.9	3D0	
18.7	28.6	9.9	3D	5B0
28.6	30.0	1.4	3D0	
30.0	36.8	6.8	3D0	
36.8	40.7	3.9	3D	[3C?]
40.7	55.0	14.2	3D0	
55.0	99.7	44.7	3D9	
99.0	112.6	13.6	3D	[3C?]
112.6	133.6	21.0	3D0	
133.6	135.4	1.8	10G0	
135.4	136.3	0.9	3B0	
136.3	136.3	0.1	10E6	
136.3	136.6	0.2	3B0	
136.6	137.0	0.5	10E8	
137.0	141.8	4.7	3A0	
141.8	189.8	48.1	1D0	
189.8	191.2	1.4	1E0	
191.2	261.1	69.9	1D0	
261.1	266.9	5.8	1F8	
266.9	267.5	0.6	1CD	
267.5	269.7	2.2	1F8	
269.7	270.4	0.6	1CD	
270.4	271.4	1.0	1F8	
271.4	273.5	2.0	1CD	
273.5	277.1	3.6	1F8	
277.1	281.6	4.5	1CD	
281.6	287.0	5.4	1F8	
287.0	287.3	0.3	1CD	
287.3	288.5	1.2	1F8	->1CD21
288.5	289.4	0.9	1CD	->1CD21
289.4	290.4	1.0	1F8	
290.4	291.4	1.0	1CD	->1CD12
293.4	299.8	6.4	1CD	
299.8	302.3	2.5	1F8	->1F85
302.3	311.3	9.0	1CD	
311.3	313.3	2.0	1F9	->1CD12

SUMMARY DIAMOND DRILL HOLE LOG
76DS1

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
313.3	325.6	12.3	1CD	
325.6	328.2	2.6	1CD	FAULT GOUGE
328.2	339.4	11.2	1CD	
339.4	339.6	0.2	1F8	
339.6	371.3	31.7	1CD	
371.3	372.8	1.5	1CD	
372.8	375.4	2.6	1CD	
375.4	376.2	0.8	1F3	->1F583
376.2	378.1	1.9	1CD	
378.1	378.9	0.8	1F3	->1F538
378.9	386.9	8.0	1CD	
386.9	387.1	0.3	1CD	SAND
387.1	412.5	25.4	1CD	
412.5	413.0	0.5	1CD	->1F35
413.0	413.6	0.5	1CD	
413.6	413.9	0.3	1F3	->1F33
413.9	423.6	9.7	1CD	
423.6	440.0	16.4	0E8	
440.0	479.2	39.2	1C7	
479.2	495.6	16.4	1C4	->1C46
495.6	499.6	4.0	1C6	
499.6	502.0	2.4	1C4	->1C46
502.0	510.9	8.9	1C7	
510.9	514.4	3.6	1C4	
514.4	515.4	0.9	1C0	
515.4	516.0	0.6	1C4	->1C46
516.0	520.1	4.1	1C7	
520.1	521.4	1.3	1C4	->1C46
521.4	528.6	7.2	1C7	->1C78
528.6	543.2	14.7	1C7	-> normal biotite-garn rich QFBM schist
543.2	547.0	3.7	1C7	
547.0	572.8	25.8	1C2	->1C12
572.8	582.9	10.2	1C0	
582.9	584.0	1.0	1C4	->1C46
584.0	585.2	1.2	1C4	
585.2	586.6	1.5	1C4	->1C46
586.6	592.1	5.5	0E8	
592.1	594.4	2.2	1F3	->1F83

SUMMARY DIAMOND DRILL HOLE LOG
76DS1

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
594.4	596.4	2.0	1C4	->1C46
596.4	597.3	0.9	1C4	->1C48
597.3	597.9	0.5	1C4	->1C46
597.9	598.1	0.2	1F0	
598.1	598.5	0.4	1C4	
598.5	600.0	1.4	1C6	->1C64
600.0	603.0	3.1	1F3	->1F358
603.0	609.7	6.7	1C6	->1C647

Orientation: Vertical hole
Source: Unit 3D modified G. Jilson 1992 from MAS/DSJ original 1976 log
Assay: No assays - may have geochemical test #1944-2000, #4751-4800 and #4851-4881

SUMMARY DIAMOND DRILL HOLE LOG
68PR-1

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	35.1	35.1	11	
35.1	48.7	13.6	1CD8	
48.7	62.4	13.6	1CD	
62.4	76.3	14.0	1CD8	
76.3	94.7	18.4	1G	
94.7	108.4	13.6	1G	with 1CD boudins
108.4	122.0	13.6	1G	with 1CD8 boudins
122.0	135.6	13.6	1G	with 1CD8 boudins
135.6	138.7	3.1	1G	with 1CD
138.7	161.9	23.2	1CD	
161.9	175.5	13.6	1G	(1CD)
175.5	192.6	17.0	1CD	(1G)
192.6	206.2	13.6	1CD	
206.2	219.8	13.6	1CD	
219.8	233.4	13.6	1CD	(1G) 50:50?
233.4	247.1	13.6	1CD	(1G) minor
247.1	260.7	13.6	1CD	(1G) minor
260.7	274.3	13.6	1CD	
274.3	288.0	13.6	1CD	(1G)?
288.0	301.6	13.6	1CD	(1G)?
301.6	315.2	13.6	1CD	
315.2	328.9	13.6	1CD	
328.9	341.5	12.6	1G	(1CD)

Orientation: Vertical Hole
Source: Translated 1992 G. Jilson from J. Condi 1968 log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
68PR-2

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	33.7	33.7	11	
33.7	45.3	11.6	1CD	
45.3	47.0	1.7	1F	
47.0	50.1	3.1	1CD2	
50.1	56.9	6.8	1CD	->1C0?
56.9	59.6	2.7	1CD	
59.6	67.5	7.8	1G	
67.5	76.5	9.0	10E	
76.5	152.3	75.8	3D	
152.3	153.5	1.2	1G	(3D0)
153.5	154.4	0.9	3D	
154.4	155.2	0.9	3D	(1G)
155.2	156.3	1.0	3D	
156.3	165.5	9.2	1CD	(1G)
165.5	191.2	25.7	3D	
191.2	197.5	6.3	3D	(1G)
197.5	207.4	9.9	1G	
207.4	236.9	29.5	1C0	
236.9	235.2	-1.7	1G	
235.2	250.1	15.0	1CD	
250.1	270.3	20.1	1G	(3D)
270.3	303.0	32.7	3D	

Note by DSJ: 3D in this hole probably equivalent to Ski Hill marble package in upper part of schist unit
Orientation: Vertical Hole
Source: Translated 1992 G. Jilson from DSJ 1975 log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
456-75-09

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	7.2	7.2	11	OVERBURDEN - NO RECOVERY
7.2	30.3	23.2	5B0	
30.3	66.5	36.1	5B3	
66.5	67.1	0.7	5B6$	
67.1	71.9	4.8	5B6	&$ BXA
71.9	73.3	1.4	5B6$	
73.3	75.0	1.6	5B0	
75.0	75.7	0.7	5B0	BXA
75.7	127.5	51.8	5B0	
127.5	148.8	21.3	5B0	(5D0) 95:05
148.8	150.1	1.4	5B0	
150.1	159.7	9.5	5B6	
160.0	163.9	3.9	5B0	
163.9	165.6	1.7	5B6$	
165.6	259.2	93.5	5B0	
259.2	260.2	1.0	5B6$	
260.2	265.8	5.6	5B0	
265.8	270.6	4.8	5B6$	&0
270.6	354.4	83.8	5B0	(5D0) tr
354.4	355.6	1.2	5D0	(5B0) 70:30
355.6	361.1	5.5	5B0	
361.1	363.5	2.4	5B20	
363.5	366.4	2.9	5D0	(5B0) 80:20
366.4	368.1	1.7	5B0	&2 MINOR
368.1	369.3	1.2	5D0	(5B0) 60:40
369.3	416.1	46.9	5B0	
416.1	421.7	5.6	5B0	(5D) 80:20
421.7	431.8	10.1	5B0	
431.8	432.5	0.7	5B6$	
432.5	433.5	1.0	5B20	
433.5	446.3	12.8	5B0	(5D0) Tr
446.3	447.1	0.9	5B6$	
447.1	472.7	25.6	5B0	
472.7	473.4	0.7	5D0	
473.4	484.8	11.4	5B0	&bio v. minor
484.8	486.7	1.9	5D6$	->5D0
486.7	487.8	1.1	5A*	(5D) (5B4) BXA
487.8	490.8	3.0	5A*	91 minor BXA

SUMMARY DIAMOND DRILL HOLE LOG
456-75-09

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
490.8	493.5	2.7	5A69	v minor
493.5	494.2	0.7	5D$4	minor
494.2	495.5	1.4	5A6$	minor 9 minor
495.5	497.4	1.9	5C$7	
497.4	497.7	0.3	4Q4$	7
497.7	498.4	0.7	5C67	(5D6) 70:30
498.4	499.3	0.9	4E8	&4 (5A691 minor) 70:30
499.3	500.6	1.3	5C$7	
500.6	501.0	0.3	4E4	BXA
501.0	501.7	0.7	4C5	? [5A6491]?[5B0291]
501.7	506.8	5.1	4C07	[4L1247]?
506.8	509.0	2.2	5B26	9 &4 [3G96&4]
509.0	515.6	6.6	3G0	stringered -> (3G4 stringered) 95:05
515.6	516.0	0.3	5C$7	minor
516.0	521.1	5.1	3G0	stringered minor ->(3G4 stringered)
521.1	521.4	0.3	4D5	(4L0) 70:30
521.4	521.8	0.3	5D46	9 &3
521.8	524.2	2.4	5A16	9 minor $ minor (4D0) 60:40
524.2	526.7	2.6	4C0	sericitic [4L2 &1]
526.7	528.6	1.9	3G9	->3G9 BXA downhole
528.6	534.5	6.0	5A*	61BXA (3G0) (5D46)
534.5	537.1	2.6	3G96	minor ->3G916 minor
537.1	538.0	0.9	5D14	minor
538.0	539.0	1.0	3F9	
539.0	547.8	8.9	3G9	&BXA
547.8	548.3	0.5	5C$	BXA
548.3	552.6	4.3	3G09	BXA
552.6	556.0	3.4	3F0	(3D)
556.0	580.0	24.0	10AB1	&9
580.0	580.7	0.7	1B0	[1B13]
580.7	586.2	5.5	10AB1	&9

Note: Tie Fault zone is 486.7 to 556 m
Orientation: Vertical Hole
Source: Translated 1992 G. Jilson from GAJ/LCP relog 1983
Assays: See following sheet

Assays
Diamond Drillhole 456-75-09

From (m)	To (m)	Interval (m)	Sample Number	Pb+Zn (%)	Pb (%)	Zn (%)	Cu (%)
436.3	436.8	0.5	19599	5.98	1.9	4.08	0.07
436.8	437.8	1.0	19600	3.03	1.25	1.78	0.07
438.5	439.5	1.1	19601	0.12	0.05	0.07	0.02
439.7	441.4	1.7	19602	0.24	0.14	0.1	0.02
442.0	443.0	1.0	19603	1.06	0.46	0.6	0.02
444.8	445.1	0.3	19604	14.25	3.15	11.1	0.34
445.8	446.0	0.2	19605	3.28	1.5	1.78	0.04
446.0	446.2	0.2	19606	0.95	0.35	0.6	0.03
446.2	446.6	0.4	19607	7.64	3.08	4.56	0.04
447.8	448.1	0.2	19608	8.9	3.38	5.52	0.05
448.1	449.4	1.3	19609	2.03	1.01	1.02	0.08
449.4	450.7	1.3	19610	1.27	0.53	0.74	0.06
450.7	452.5	1.9	19611	1.1	0.38	0.72	0.06
452.8	453.3	0.5	19612	0.93	0.43	0.5	0.07
453.5	455.2	1.8	19613	0.17	0.1	0.07	0.03
466.0	466.3	0.2	19614	2.69	1.03	1.66	0.03
466.6	468.7	2.0	19615	1.67	0.53	1.14	0.03
468.7	469.7	1.0	19616	0.63	0.38	0.25	0.06
469.6	470.9	1.3	19617	0.65	0.26	0.39	0.05
472.0	472.1	0.1	19618	7.32	1.73	5.59	0.08

SUMMARY DIAMOND DRILL HOLE LOG
456-75-13

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	10.1	10.1	11	OVERBURDEN
10.1	27.4	17.4	3D	
27.4	28.0	0.6	BXA	
28.0	38.9	10.8	3D	->5B0
38.9	47.7	8.9	3D0	
47.7	48.6	0.9	BXA	
48.6	54.9	6.3	3D0	
54.9	60.3	5.5	3D0	
60.3	69.5	9.2	3D	
69.5	70.9	1.4	3D0	
70.9	78.2	7.3	3D	
78.2	80.1	1.9	3D	
80.1	92.7	12.6	3D	
92.7	111.8	19.1	3D9	
111.8	112.8	1.0	3D	
112.8	136.0	23.2	3D	->5B0
136.0	137.0	1.0		FAULT GOUGE
137.0	151.3	14.3	3D	->5B0
151.3	152.2	0.9	3D0	
152.2	154.0	1.9	3D	->5B0
154.0	160.5	6.5	3D0	
160.5	164.7	4.2	3D9	
164.7	165.1	0.4	3D0	
165.1	166.8	1.7	3D	->5B0
166.8	170.7	3.9	3D0	
170.7	172.2	1.4	3D	->5B0
172.2	175.9	3.7	3D0	
175.9	182.0	6.1	3D	->5B0
182.0	183.7	1.7	3D03	
183.7	196.1	12.4	3D	->5B0
196.1	197.0	0.9	3D	[3C]
197.0	198.7	1.7	3D	->5B0
198.7	204.8	6.1	3D	(3C)
204.8	209.3	4.4	3D	->5B0
209.3	209.9	0.7	3C	
209.9	218.3	8.3	3D	(3C)
218.3	219.5	1.2	3C	
219.5	222.7	3.2	3D	(3C)

SUMMARY DIAMOND DRILL HOLE LOG
456-75-13

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
222.7	223.9	1.2	3C	
223.9	224.6	0.7	3D	->5B0
224.6	225.3	0.7	3C	
225.3	226.5	1.2	3D	(3C)
226.5	255.3	28.8	3A	
255.3	261.7	6.5	3C	
261.7	268.4	6.6	3A	
268.4	291.7	23.3	3A	
291.7	316.9	25.2	1D2	
316.9	327.8	10.9	1F0	
327.8	330.9	3.1	1E	
330.9	331.9	1.0	1D41	
331.9	336.4	4.4	1E1	
336.4	338.8	2.4	BXA	
338.8	359.2	20.4	1E1	
359.2	377.1	17.9	1D	(1H) [3A]
377.1	449.3	72.2	1D0	
449.3	452.2	2.9	1E	
452.2	452.6	0.3	1-F	
452.6	462.7	10.1	1E	
462.7	464.9	2.1	1D0	
464.9	468.2	3.3	10E	
468.2	473.4	5.2	1CD	
473.4	473.8	0.4	10E?	
473.8	479.5	5.7	1D	->1D4
479.5	480.5	1.0	1D0	
480.5	482.2	1.7	1D	->1D4
482.2	482.6	0.3	1D0	
482.6	489.6	7.0	1D	->1D4
489.6	493.0	3.4	BX	
493.0	516.3	23.3	1D	->1D4
516.3	541.2	24.9	1CD	
541.2	553.1	11.9	1CD	
451.9	556.4	104.5	1F	(1CD)
464.3	583.4	119.1	1CD	
583.4	584.9	1.4	1F	
584.9	612.8	27.9	1C0	
612.8	674.8	62.0	1C0	

SUMMARY DIAMOND DRILL HOLE LOG
456-75-13

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
674.8	675.1	0.3	1F	
675.1	675.8	0.7	1CD	
675.8	676.5	0.7	1F	(1CD)
676.5	691.0	14.5	1CD	
691.0	692.3	1.4	1E	
692.3	699.3	7.0	1D0	
699.3	723.8	24.5	1F	(1CD)
723.8	733.1	9.3	1C0	
733.1	738.9	5.8	1C4	
738.9	741.4	2.6	1CD	
741.4	741.8	0.3	1F	
741.8	754.5	12.8	1CD	
754.5	763.6	9.0	1B	
763.6	767.1	3.6	1G2	
767.1	768.2	1.0	1B	
768.2	768.5	0.3	1G2	
768.5	768.8	0.3	1B	
768.8	770.9	2.0	1CD	
770.9	779.8	8.9	1C0	
779.8	804.6	24.9	1CD	
804.6	897.0	92.4	1C0	

Orientation: Vertical Hole
Source: Translated 1992 G. Jilson from DSJ original 1975 log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
456-75-14

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	0.3	0.3	11	OVERBURDEN
0.3	33.4	33.1	5Bbio	
33.4	144.2	110.8	3D0	
144.2	154.0	9.9	3D0	
154.0	164.3	10.2	3D0	
164.3	170.9	6.6	3D0	
170.9	185.1	14.1	3D9	
185.1	185.7	0.7	10E	
185.7	187.1	1.4	10E	BXA
187.1	188.6	1.5	3D	->5B0
188.6	189.8	1.2	3A	
189.8	190.2	0.3	10E	
190.2	191.5	1.4	3A	
191.5	209.9	18.4	10E	
209.9	211.6	1.7	3A	
211.6	218.5	6.8	10E	
218.5	222.9	4.4	3A	
221.9	271.3	49.4	3D0	
271.3	325.1	53.8	1D0	
325.1	333.3	8.2	1CD	
333.3	336.4	3.1	1CD	
336.4	339.1	2.7	1F	
339.1	341.8	2.7	1CD	
341.8	346.3	4.4	1F	
346.3	363.5	17.2	1CD2	
363.5	368.7	5.3	1CD	(1F)
368.7	379.0	10.2	1CD	
379.0	381.7	2.7	1F	
381.7	382.2	0.5	1CD8	
382.2	397.0	14.8	1CD	
397.0	399.4	2.4	1CD8	
399.4	403.2	3.7	1CD	
403.2	404.2	1.0	1F	
404.2	406.6	2.4	1CD	
406.6	408.4	1.9	1F	
408.4	410.0	1.5	1C2	->1E
410.0	412.4	2.4	1D2	->1E GOUGE
412.4	422.4	10.1	1D0	

SUMMARY DIAMOND DRILL HOLE LOG
456-75-14

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
422.4	424.1	1.7	1E	GOUGE
424.1	434.5	10.4	1D0	
434.5	441.2	6.6	1D2	->1E
441.2	453.9	12.8	1D0	
453.9	459.1	5.1	1F	
459.1	465.2	6.1	1E1	
465.2	498.2	33.1	1G2	
498.2	502.9	4.6	1F	
502.9	506.4	3.5	1G2	
506.4	514.8	8.4	1E1	
514.8	519.1	4.3	1F	
519.1	532.3	13.2	1E1	
532.3	538.1	5.8	1F	
538.1	546.3	8.2	1E1	
546.3	562.5	16.2	1D0	
562.5	566.8	4.3	1G2	
566.8	604.6	37.8	1D0	
604.6	652.6	48.1	1CD	
652.6	653.0	0.3	1F	
653.0	653.7	0.7	1CD	
653.7	654.5	0.9	1F	
654.5	657.7	3.2	1D0	
657.7	659.4	1.7	1F	
659.4	662.0	2.6	1D0	
662.0	663.0	1.0	1C0	
663.0	665.9	2.9	1F	
665.9	666.3	0.4	1CO	
666.3	679.6	13.2	1CO	
679.6	689.8	10.2	1F	
689.8	699.3	9.5	1CD	
699.3	699.8	0.5	1F	
699.8	700.7	0.9	1CD	
700.7	701.5	0.9	1F	
701.5	724.5	23.0	1CD	
724.5	736.0	11.4	1CO	
736.0	743.1	7.2	1B	(1F)
743.1	815.5	72.4	1C0	
815.5	816.5	0.9	1F	

SUMMARY DIAMOND DRILL HOLE LOG
456-75-14

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
816.5	823.7	7.2	1C0	

Orientation: Vertical Hole
Source: Translated 1992 G. Jilon from DSJ original 1975 log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
76DS2

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	7.8	7.8	#	
7.8	21.1	13.3	1D0	
21.1	23.0	1.9	1D1	
23.0	24.2	1.2	1D6	
24.2	26.0	1.8	1F8	
26.0	40.6	14.6	1D0	
40.6	46.5	6.0	1FD	
46.5	70.9	24.4	1D0	
70.9	73.0	2.1	1D5	
73.0	74.3	1.3	1F0	
74.3	76.7	2.4	1D5	
76.7	79.2	2.5	1D0	
79.2	80.2	1.0	1F0	
80.2	81.3	1.1	1D0	
81.3	82.1	0.9	1F8	
82.1	104.3	22.2	1D0	
104.3	105.1	0.9		FAULT GOUGE
105.1	107.4	2.2	1D8	
107.4	109.7	2.4	1D0	
109.7	113.5	3.7	1F5	
113.5	114.3	0.9	1F5	
113.7	116.2	2.6	1F5	
116.2	117.6	1.4	1D5	
117.6	129.8	12.3	1D0	
129.8	131.5	1.7	10Q	
131.5	135.3	3.7	1D1	
135.3	141.8	6.5	1FD	(1F5) (1D5)
141.8	143.5	1.7	1D0	
143.5	146.5	3.1		GOUGE ZONE
146.5	160.7	14.1	10F9	
160.7	162.6	1.9		FAULT GOUGE
162.6	167.3	4.8	10E9	
167.3	170.7	3.4	1CD	
170.7	171.8	1.0	1F5	
171.8	174.8	3.1	1FD	
174.8	176.9	2.0	1CD	
176.9	180.8	3.9	1CD	
180.8	181.6	0.9	10Q	

SUMMARY DIAMOND DRILL HOLE LOG
76DS2

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
181.6	187.8	6.1	1CD	
187.8	193.6	5.8	1F5	
193.6	195.4	1.9	1CD	
195.4	195.8	0.3		FAULT GOUGE
195.8	196.3	0.5	1CD	
196.3	206.1	9.8	1F5	
206.1	211.6	5.6	1CD	
211.6	220.5	8.9	1F5	
220.5	220.8	0.3	10Q	
220.8	224.2	3.4	1CD	
224.2	225.3	1.0	1F5	
225.3	226.3	1.0	1CD	
226.3	227.7	1.4	1F5	
227.7	228.2	0.5	1CD	
228.2	228.8	0.7	1F5	
228.8	232.9	4.1	1C7	
232.9	233.8	0.9	10Q	
233.8	293.4	59.6	1C7	
293.4	308.8	15.3	1C0	
308.8	310.6	1.9	1C4	
310.6	314.0	3.4	1C0	
314.0	329.6	15.5	1C7	
329.6	330.7	1.2	1F8	
330.7	339.4	8.7	1C7	
339.4	344.7	5.3	1C0	
344.7	346.9	2.2	1E1	
346.9	347.3	0.3	2A1	
347.3	348.0	0.7	10Q	
348.0	348.6	0.7	1F8	
348.6	354.4	5.8	1C2	
354.4	356.1	1.7	1C4	
356.1	358.4	2.2	1C7	
358.4	360.1	1.7	1F0	
360.1	377.8	17.7	1C7	
377.8	380.4	2.7	1C8	
380.4	388.7	8.3	1F0	
388.7	391.7	3.0	1OF9	
391.7	392.2	0.5	1C2	

SUMMARY DIAMOND DRILL HOLE LOG
76DS2

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
392.2	402.8	10.6	1C7	
402.8	404.9	2.0	1C8	
404.9	414.1	9.2	1C7	
414.8	459.4	44.6	1C7	
459.4	486.0	26.7	1C7	
486.0	486.4	0.4		FAULT GOUGE
486.4	489.0	2.6	1C7	
489.0	490.1	1.0	1C7	
490.1	491.4	1.4	10Q	
491.4	543.9	52.5	1C7	
543.9	544.3	0.3	1C0	
544.3	567.5	23.3	1G0	
567.5	568.5	0.9	1F3	
568.5	592.4	24.0	1B3	
592.4	597.8	5.3	1C7	

Orientation: Vertical Hole
Source: Unit 10 modified by G. Jilson 1992 10C to 10F 10AQ to 10Q from MAS/DSJ original 1976 I
Assays: No assays - may have geochemical analyses #2003-2200 and #1801-1807

SUMMARY DIAMOND DRILL HOLE LOG
79TIE01

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	5.9	5.9	#	OVERBURDEN
5.9	85.6	79.7	5B0	
85.6	95.9	10.3	5D3	
85.9	93.7	7.8	5B0	
93.7	94.0	0.3	5D3	
94.0	98.9	4.9	5B0	
98.9	102.2	3.3	5B6	
102.2	134.8	32.6	5B0	
134.8	135.2	0.4	5D3	
135.2	155.0	19.8	5B0	
155.0	155.4	0.4	5B7	->5B73
155.4	199.0	43.6	5B0	
199.0	204.8	5.8	5A0	->5A*
204.8	219.7	14.9	3G9	
219.7	233.4	13.7	3F0	
233.4	241.4	8.0	3G0	->3G3 [1CD84]
241.4	244.1	2.7	3F0	
244.1	246.2	2.1	1CD8	[3G schistose]
246.2	253.2	7.0	1CD	&8 [3G schistose]
253.2	255.9	2.7	1CD	(1C)
255.9	262.0	6.1	1CD	
262.0	288.9	26.9	10AB	

Orientation: Vertical Hole
Source: Translated 1992 G. Jilson from DSJ 1979 log and LCP notes
Assays: No Assays

APPENDIX E

APPENDIX E

SUMMARY DRILL LOGS
DIAMOND DRILL HOLES
GALE GROUP

V76	80X06	90DY08	90OB02
KA124	80X10	90DY10	90OB03
KA127	80X12	90DY11	90OB04
KA131	81X02	90DY12	90OB05
77X02	81X03	90DY13	90OB06
78X03	90DY06	90DY14	90OB07
80X03	90DY07	90OB01	90OB08

* Note: Unless otherwise noted, all measurements are in metres for diamond drill logs.

See Appendix C for the meaning of the various codes used to indicate lithologies on these summary logs. Detailed logs for all these holes are available at Curragh's Whitehorse Office and most are also entered into computer drillhole databases.

SUMMARY DIAMOND DRILL HOLE LOG
V076

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	6.8	6.8	#	OVERBURDEN
6.8	11.1	4.3	5C	
11.1	13.7	2.7	3G	
13.7	18.7	5.0	5C	
18.7	34.4	15.7	5C	
34.4	37.8	3.4	5C3	
37.8	42.9	5.1	5C	
42.9	78.4	35.4	10F	
78.4	85.2	6.8	3G	BXA like Tie Fault locally (5C4*)
85.2	124.7	39.5	5A	

Orientation: Vertical Hole
Source: Translated 1992 G. Jilson from relog of old core LCP/GAJ
Assays:

			Pb%	Zn%
80.8	81.8	1.0	0.48	0.82

SUMMARY DIAMOND DRILL HOLE LOG
KA124

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	2.7	2.7	#	OVERBURDEN
2.7	11.2	8.5	4L02	(10F0) &BXA some Tie Fault like rock in this interval
11.2	34.1	22.8	4L62	->(4L02) 80:20
34.1	39.4	5.3	5C$7	BXA ? (4L6 WEAK)
39.4	45.2	5.8	5A16	&3 minor [3E1 &3 v. minor] (5C3 minor) 60:40
45.7	66.5	20.8	3G08	minor &9 minor
66.5	71.7	5.3	3G84	&3
71.7	72.2	0.5	3C0	&3
72.2	80.4	8.2	3G9	
80.4	112.6	32.2	3G08	&bio minor
112.6	116.6	3.9	3G4	->(4L0) (3d) minor extend
116.6	117.9	1.4	3F0	bio & calc-sil
117.9	121.5	3.6	3G8	&GARNET &BIO -> CALC-SIL
121.5	127.8	6.3	3F0	(3D01) 95:5
127.8	130.9	3.1	3D01	
130.9	141.1	10.2	3D01	(3F0) 10:30

Orientation: Vertical Hole
Source: From original LCP/GAJ 1983 relog
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
KA127

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	0.0	0.0	#	OVERBURDEN
0.0	27.3	27.3	5A16	9 minor &BXA
27.3	56.9	29.6	3G0	
56.9	59.0	2.0	3B6	(10Q9po) 50:50
59.0	68.0	9.0	3G8	&bio minor
68.0	71.9	3.9	3C0	(10Q0) 80:20
71.9	86.6	14.7	3G0	
86.6	87.2	0.7	3DB	
87.2	100.9	13.6	3G0	
100.9	101.6	0.7	3DB	
101.6	118.6	17.0	3G0	(3G4) 95:5
118.6	120.3	1.7	3G4	BIO (3C0) 80:20
120.3	123.0	2.7	3G0	
123.0	150.0	26.9	3BD?	as in CNR-76-01
150.0	163.2	13.3	3F0	

Note: Hole compared well with CNR-76-01

Orientation: Vertical Hole
Source: From original GAJ/LCP 1983 log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
KA131

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	1.0	1.0	#	Overburden
1.0	9.6	8.6	1F0	
10.2	23.5	13.3	5A*?	Fault BXA
23.5	23.9	0.3	3G9	
23.9	77.7	53.8	3G08	minor
77.7	80.8	3.1	3B6	(3G8) 50:50
80.8	83.8	3.1	3G8	
83.8	95.1	11.2	3B2	bio (3G8 bio) [3B2 bio] 50:50
95.1	98.8	3.7	3C0	
95.1	100.5	5.5	3B2	
100.5	117.6	17.0	3G08	
117.6	117.9	0.3	3C2	
117.9	131.9	14.0	3G08	&garnet minor &bio minor
131.9	142.3	10.4	3C2	(3B2) (3G8) (3F0)
142.3	145.9	3.6	3F0	

Orientation: Vertical Hole
Source: Original log by LCP/GAJ in 1983 with fill-in from original 1955 log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
77-X-02

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	7.3	7.3	#	Overburden
7.3	21.8	14.5	5B0	
21.8	25.2	3.4	5D3	
25.2	41.1	15.9	5B0	
41.1	44.2	3.1	5D3	
44.2	47.6	3.4	5C3	
47.6	58.2	10.6	5C3	
58.2	72.5	14.3	5C3	
72.5	79.8	7.3	5C0	
79.8	83.4	3.6	5C3	
83.4	94.1	10.7	5C0	
94.1	116.6	22.5	5C0	
116.6	121.1	4.5	5D3	
121.1	148.5	27.4	5B2	
148.5	152.9	4.4	5D3	
152.9	158.6	5.7	5B2	
158.6	159.4	0.8	5D3	
159.4	165.9	6.5	5D3	
165.9	231.4	65.5	5B2	
231.4	394.2	162.8	5B0	
394.2	396.2	2.0	5D3	
396.2	406.5	10.3	5B2	
406.5	412.2	5.7	5D3	
412.2	430.1	17.9	5B8	->5D
430.1	526.7	96.6	5B0	
526.7	527.7	1.0	5D3	
527.7	529.5	1.8	5B0	
529.5	542.4	12.9	5D3	
542.4	548.8	6.4	5B8	
548.8	567.7	18.9	5D3	
567.7	579.1	11.4	5B2	
579.1	582.1	3.0	5B2	
285.1	583.1	298.0	5D3	
583.1	589.9	6.8	5B2	
589.9	602.9	13.0	5B2	
602.9	616.5	13.6	5B2	
616.5	630.3	13.8	5D3	
630.3	633.7	3.4	5A2	

SUMMARY DIAMOND DRILL HOLE LOG
77-X-02

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
633.7	643.4	9.7	5B8	
643.4	646.8	3.4	5D3	
646.8	647.9	1.1	5B6	
647.9	650.4	2.5	10EF	
650.4	654.0	3.6	5A*	
654.0	658.1	4.1	3G0	
654.0	658.1	4.1	3G0	
658.1	660.4	2.3	3D	
660.4	663.1	2.7	10B0	[10EF]
663.1	694.8	31.7	3D	(3F)
694.8	701.3	6.5	10B0	[10EF
701.3	715.4	14.1	3D	(EF)
715.4	724.5	9.1	10B0	[10EF]
724.5	727.0	2.5	3D	(3F)
727.0	734.1	7.1	10C0	[10EF]
734.1	735.2	1.1	3D	(3F)
735.2	736.9	1.7	10B0	[10EF]

Orientation: Vertical Hole
Source: Translated 1992 G. Jilson from BVH 1977 logs
Assay: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
78-X-03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	34.0	34.0	#	Triconed, no core
34.0	39.0	5.0	5D3	
39.0	39.2	0.2	5C3	
39.2	39.4	0.2	5D3	
39.4	44.7	5.3	5C6	
44.7	46.1	1.4	5D6	
46.1	47.7	1.6	5D3	
47.7	50.6	2.9	5D3	
50.6	55.3	4.7	5B7	->5B73
55.3	55.6	0.3	5D3	
55.6	59.6	4.0	5B7	->5B73
59.3	60.1	0.8	5D6	
60.1	74.5	14.4	5B7	->5B73 or 5B0
74.5	75.9	1.4	5D3	
75.9	79.3	3.4	5B0	->5B73
79.3	82.7	3.4	5D3	
82.7	87.7	5.0	5B0	
87.7	93.7	6.0	5B0	
93.7	95.0	1.3	5B0	
95.0	98.5	3.5	5D3	
98.5	104.5	6.0	5B0	
104.5	104.7	0.2	5D3	
104.7	106.9	2.2	5B0	
106.9	107.7	0.8	5E0	
107.7	108.4	0.7	5B0	
108.4	108.7	0.3	5E0	
108.7	130.7	22.0	5B0	
130.7	131.5	0.8	5D3	
131.5	157.7	26.2	5B0	
157.7	158.5	0.8	5D3	
158.5	159.0	0.5	5B0	
159.0	159.2	0.2	5D3	
159.2	161.2	2.0	5B0	->5B73
161.2	161.5	0.3	5D3	
161.5	166.0	4.5	5B7	->5B73
166.0	177.1	11.1	5B0	
177.1	177.9	0.8	5B7	->5B73
177.9	189.0	11.1	5B0	

SUMMARY DIAMOND DRILL HOLE LOG
78-X-03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	34.0	34.0	#	Triconed, no core
34.0	39.0	5.0	5D3	
39.0	39.2	0.2	5C3	
39.2	39.4	0.2	5D3	
39.4	44.7	5.3	5C6	
44.7	46.1	1.4	5D6	
46.1	47.7	1.6	5D3	
47.7	50.6	2.9	5D3	
50.6	55.3	4.7	5B7	->5B73
55.3	55.6	0.3	5D3	
55.6	59.6	4.0	5B7	->5B73
59.3	60.1	0.8	5D6	
60.1	74.5	14.4	5B7	->5B73 or 5B0
74.5	75.9	1.4	5D3	
75.9	79.3	3.4	5B0	->5B73
79.3	82.7	3.4	5D3	
82.7	87.7	5.0	5B0	
87.7	93.7	6.0	5B0	
93.7	95.0	1.3	5B0	
95.0	98.5	3.5	5D3	
98.5	104.5	6.0	5B0	
104.5	104.7	0.2	5D3	
104.7	106.9	2.2	5B0	
106.9	107.7	0.8	5E0	
107.7	108.4	0.7	5B0	
108.4	108.7	0.3	5E0	
108.7	130.7	22.0	5B0	
130.7	131.5	0.8	5D3	
131.5	157.7	26.2	5B0	
157.7	158.5	0.8	5D3	
158.5	159.0	0.5	5B0	
159.0	159.2	0.2	5D3	
159.2	161.2	2.0	5B0	->5B73
161.2	161.5	0.3	5D3	
161.5	166.0	4.5	5B7	->5B73
166.0	177.1	11.1	5B0	
177.1	177.9	0.8	5B7	->5B73
177.9	189.0	11.1	5B0	

SUMMARY DIAMOND DRILL HOLE LOG
78-X-03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
189.0	189.4	0.4	5E0	
189.4	190.6	1.2	5B7	->5B73
190.6	190.9	0.3	5E0	
190.9	193.2	2.3	5B7	->5B73
193.2	193.7	0.5	5D3	
193.7	201.4	7.7	5B0	->5B73
201.4	202.3	0.9	5E0	
202.3	230.9	28.6	5B7	->5B73; 50:50 interbanded with 5B0
230.9	231.2	0.3	5D3	
231.2	233.2	2.0	5B7	->5B73
233.2	235.2	2.0	5D3	->5DB3
235.2	239.6	4.4	5B7	->5B73
239.6	248.9	9.3	5D8	->5DB3
248.9	254.0	5.1	10E8	
254.0	277.3	23.3	10F0	
277.3	280.3	3.0	10E8	
280.3	285.0	4.7	5D8	->5B73
285.0	292.8	7.8	5B0	->5B72 locally
292.8	300.7	7.9	5D3	
300.7	301.5	0.8	5B7	->5B73
301.5	303.9	2.4	5D3	
303.9	306.4	2.5	5B7	->5B73
306.4	311.1	4.7	5B7	->5B73; FAULT GOUGE ZONE
311.1	314.9	3.8	5B0	->5B73 locally very calc
314.9	320.0	5.1	5D3	
320.0	333.9	13.9	5B0	with minor 5B73
333.9	335.5	1.6	5D3	
335.5	346.5	11.0	5B7	->5B73
346.5	365.6	19.1	5B6	
365.6	404.3	38.7	5B7	->5B73
404.3	404.7	0.4	5B7	->5B73 GOUGE
404.7	408.6	3.9	5B7	->5B73
408.6	416.8	8.2	5B7	->5B73
416.8	418.7	1.9	5D3	
418.7	424.2	5.5	5G0	
424.2	427.1	2.9	5GD	->5GD3 50:50
427.1	432.5	5.4	5B7	->5B73
432.5	441.0	8.5	5DB	->5D83

SUMMARY DIAMOND DRILL HOLE LOG
78-X-03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
441.0	450.8	9.8	5DB	
450.8	452.5	1.7	5GD	
452.5	457.1	4.6	5D6	
457.1	458.1	1.0	5D3	
458.1	471.6	13.5	5D6	
471.6	472.6	1.0	5B6	
472.6	478.1	5.5	5D6	
478.1	480.5	2.4	5B6	
480.5	482.4	1.9	5B7	->5B73
482.4	487.1	4.7	5D3	
487.1	494.6	7.5	5B7	->5B73
494.6	499.2	4.6	5D6	
499.2	500.8	1.6	5B6	minor 5D6 interbands
500.8	506.6	5.8	5A0	->5A9
506.6	509.2	2.6	5D8	
509.2	527.6	18.4	5B0	->5B2
527.6	547.1	19.5	5D3	
547.1	548.5	1.4	5B0	
548.5	553.5	5.0	5D3	
553.5	556.8	3.3	5B0	
556.8	566.3	9.5	5D3	
566.3	573.0	6.7	5B6	
573.0	590.4	17.4	5B	->5B26
590.4	603.2	12.8	5B6	
603.2	605.0	1.8	5D3	
605.0	616.4	11.4	5B6	
616.4	620.5	4.1	5D3	
620.5	637.0	16.5	5B6	
637.0	637.6	0.6	5D3	
637.6	644.9	7.3	5D3	
644.9	673.0	28.1	5D3	
673.0	674.6	1.6	5B6	
674.6	688.8	14.2	5D3	
688.8	690.1	1.3	5D3	
690.1	691.6	1.5	5D3	
691.6	697.0	5.4	5B6	
697.0	699.1	2.1	5B2	->5B26
699.1	706.8	7.7	5D3	

SUMMARY DIAMOND DRILL HOLE LOG
78-X-03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
706.8	711.5	4.7	5B7	->5B73
711.5	713.2	1.7	5D3	
713.2	724.5	11.3	5B6	->5B67
724.5	725.9	1.4	5D3	
725.9	803.8	77.9	5B6	->5B67
803.8	843.7	39.9	5B6	
843.7	859.8	16.1	5B6	
859.8	867.0	7.2	4L0	
867.0	876.3	9.3	5B6	

Orientation: Vertical Hole
Source: Original log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
80-X-03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	28.3	28.3	#	Overburden
28.3	30.7	2.4	5B6	
30.7	32.7	2.0	5B0	
32.7	36.7	4.0	5D0	
36.7	37.4	0.7	5D3	
37.4	40.5	3.1	5B0	
40.5	43.3	2.8	5D3	
43.3	51.4	8.1	5B0	
51.4	51.9	0.5	5B7	->5B73
51.9	52.4	0.5	5C3	
52.4	54.5	2.1	5C3	
54.5	56.0	1.5	5C0	
56.0	56.9	0.9	5D3	
56.9	61.0	4.1	5B9	
61.0	62.7	1.7	5D0	
62.7	64.5	1.8	5C0	
64.5	66.6	2.1	5C0	
66.6	69.1	2.5	5C0	
69.1	75.2	6.1	5C0	
75.2	85.1	9.9	5C0	
85.1	89.3	4.2	5C0	
89.3	96.5	7.2	5D0	
96.5	97.0	0.5	5B0	
97.0	101.6	4.6	5B6	
101.6	111.9	10.3	5D0	
111.9	113.7	1.8	5B6	
113.7	115.3	1.6	5D3	
115.3	118.7	3.4	5B0	
118.7	119.5	0.8	5D0	
119.5	130.6	11.1	5B6	
130.6	151.4	20.8	5B6	zone of gouge and broken core
151.4	178.2	26.8	5B6	
178.2	182.0	3.8	5B0	
182.0	195.4	13.4	5B6	
195.4	195.7	0.3	5B0	
195.7	196.6	0.9	5B6	gouge zone
196.6	209.7	13.1	5B6	
209.7	211.2	1.5	5B0	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
211.2	241.9	30.7	5B6	
241.3	242.1	0.8	5B6	gouge zone
242.1	251.1	9.0	5B6	
251.1	265.9	14.8	5B0	
251.1	265.9	14.8	5B0	
265.9	275.0	9.1	5B6	
275.0	275.9	0.9	5B6	zone of broken core
275.9	315.4	39.5	5B6	
315.4	316.0	0.6	5B6	gouge zone
316.0	322.4	6.4	5B6	
322.4	335.7	13.3	5B0	
335.7	336.0	0.3	5D0	
336.0	350.8	14.8	5B0	
350.8	372.4	21.6	5B0	7
372.4	383.3	10.9	5B0	7
383.3	388.0	4.7	5B0	6
388.0	410.5	22.5	5B0	7
410.5	432.9	22.4	5B0	(7)
432.9	435.8	2.9	5B7	->5B73
435.8	439.7	3.9	5D3	
439.7	442.2	2.5	5B7	->5B73
442.2	454.5	12.3	5D3	
454.5	459.3	4.8	5B0	
459.3	471.5	12.2	5D3	
471.5	472.4	0.9	5B0	
472.4	474.3	1.9	5D3	
474.3	475.7	1.4	5B0	
475.7	508.2	32.5	5D3	
508.2	509.3	1.1	5B0	
509.3	521.3	12.0	5D3	
521.3	522.7	1.4	5B0	
522.7	527.2	4.5	5D3	
527.2	529.7	2.5	5B0	
529.7	531.9	2.2	5B7	->5B73
531.9	541.2	9.3	5B0	
541.2	542.0	0.8	5D0	
542.0	543.0	1.0	5B7	->5B73
543.0	543.8	0.8	4D3	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
543.8	545.6	1.8	5A*	
545.6	551.3	5.7	5D0	
551.3	552.1	0.8	5B6	
552.1	558.3	6.2	5A*	
558.3	558.7	0.4	3F1	
558.7	566.0	7.3	3F0	
566.0	566.5	0.5	3F1	
566.5	567.0	0.5	3F0	
567.0	567.7	0.7	3F1	
567.7	567.9	0.2	3F0	
567.9	571.5	3.6	3F1	
571.5	578.8	7.3	3D1	
578.8	579.4	0.6	3F1	
579.4	579.8	0.4	4H4	
579.8	607.2	27.4	10D0	[10EF]
607.2	607.4	0.2	10C0	[10EF]
607.4	628.6	21.2	10D0	[10EF]
628.6	629.4	0.8	1C0	
629.4	630.0	0.6	10D0	[10EF]
630.0	631.2	1.2	1C0	
631.2	632.9	1.7	10D0	[10EF]
632.9	640.6	7.7	1C0	
640.6	665.8	25.2	10D0	[10EF]
665.8	666.7	0.9	3D4	
666.7	669.8	3.1	3D3	
669.8	670.3	0.5	1C0	
670.3	670.7	0.4	10C5	[10EF]
670.7	673.1	2.4	3D3	
673.1	673.5	0.4	3D1	
673.5	674.9	1.4	10D0	[10EF]
674.9	677.5	2.6	1C0	
677.5	678.9	1.4	10D7	[10EF]
678.9	679.1	0.2	1C0	
679.1	679.7	0.6	10D0	[10EF]
679.7	682.4	2.7	1C0	
682.4	685.1	2.7	10C5	[10EF]
685.1	690.9	5.8	1C0	
690.9	691.2	0.3	10C5	[10EF]

SUMMARY DIAMOND DRILL HOLE LOG
80-X-03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
691.2	697.7	6.5	1C0	
697.7	699.3	1.6	10D0	[10EF]
699.3	703.4	4.1	1A0	
703.4	703.7	0.3	10C0	[10EF]
703.7	705.1	1.4	1A0	
705.1	707.9	2.8	10C5	[10EF]
707.9	708.4	0.5	1A0	
708.4	709.5	1.1	10C5	[10EF]
709.5	711.1	1.6	1A0	
711.1	712.6	1.5	1C0	
712.6	713.5	0.9	10D0	[10EF]
713.5	715.7	2.2	1A0	
715.7	725.5	9.8	3D3	
725.5	729.1	3.6	3D4	
729.1	730.9	1.8	3D6	
730.9	732.1	1.2	10C5	
732.1	733.1	1.0	3C6	
733.1	734.1	1.0	10C5	
734.1	734.4	0.3	3C3	
734.4	741.9	7.5	3D6	
741.9	742.2	0.3	10C5	
742.2	742.4	0.2	3D3	
742.4	742.7	0.3	10C5	
742.7	745.9	3.2	3D3	
745.9	748.2	2.3	3D2	
748.2	759.9	11.7	3D3	
759.9	762.2	2.3	10C5	
762.2	768.2	6.0	3D3	
768.2	771.8	3.6	3D2	
771.8	773.1	1.3	10D7	
773.1	774.3	1.2	10Q0	
774.3	780.0	5.7	10D7	
780.0	786.9	6.9	10D2	
786.9	788.8	1.9	3D4	
788.8	790.7	1.9	3D3	
790.7	792.5	1.8	10D1	10D17
792.5	793.9	1.4	3G0	
793.9	795.5	1.6	10D1	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS

Orientation: Vertical Hole
Source: Original log
Assays: See following sheet

Drill Hole: 80X03 Section:
Northing: 901571.9 Easting: 596623.9 Elevation: 1186.3
Length: 795.9 Core: DDH Record: 43

ASSAYS

Sample #	---Depths--- From	To	Int m	Rec %	Rock Unit	Rock Code	Pulp S.G.	Pb+Zn %	Pb %	Zn %	Ag g/t	Au g/t
0	.0	543.0	543.0		WASTE							
1553	543.0	543.8	.8		4E0			5.82	2.38	3.44	45.0	
0	543.8	955.5	411.7		WASTE							

SUMMARY DIAMOND DRILL HOLE LOG
80-X-06

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	16.0	16.0	#	Overburden
16.0	17.9	1.9	5C3	
17.9	19.6	1.7	5D3	
19.6	38.2	18.6	5C3	
38.2	40.1	1.9	5C3	
40.1	40.5	0.4	5C3	
41.9	47.2	5.3	5D3	
47.2	108.5	61.3	5B0	
108.5	108.8	0.3	5D3	
108.8	115.6	6.8	5B0	
115.6	116.2	0.6	5D3	
116.2	117.6	1.4	5B0	
117.6	118.1	0.5	5D3	
118.1	189.2	71.1	5B0	
189.2	226.1	36.9	5B0	
226.1	259.8	33.7	5D3	
259.8	287.0	27.2	5B0	
287.0	295.5	8.5	5B0	5B0->5B73
295.5	322.3	26.8	5B0	
322.3	324.4	2.1	5D3	
324.4	327.4	3.0	5B0	
327.4	330.1	2.7	5D3	(5B) 70:30
330.1	341.2	11.1	5B0	
341.2	342.5	1.3	5D3	
342.5	350.0	7.5	5B0	
350.0	353.0	3.0	5D3	
353.0	353.7	0.7	5B0	
354.3	356.5	2.2	5B0	
356.5	357.2	0.7	5DB	
357.2	369.0	11.8	5B0	
369.0	370.9	1.9	5B0	(5D3) 60:40
370.9	373.4	2.5	5B0	
373.4	384.4	11.0	5B0	
384.4	393.2	8.8	5B0	
393.2	395.6	2.4	5D0	
395.6	404.2	8.6	5B0	
404.2	405.3	1.1	5B0	
405.3	413.5	8.2	5B0	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-06

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
413.5	414.6	1.1	5B0	
414.6	418.2	3.6	5B0	
418.2	419.2	1.0	0Q0	(5B)
419.2	433.7	14.5	5B0	
433.7	434.5	0.8	5B0	breccia (0Q0) 60:40
434.5	452.4	17.9	5B0	
452.4	453.0	0.6	5D3	
453.0	463.2	10.2	5B0	
463.2	463.8	0.6	5D0	
463.8	479.7	15.9	5B0	
479.7	480.1	0.4	5B0	
480.1	483.1	3.0	5B0	
483.1	484.0	0.9	5D3	
484.0	485.2	1.2	5B0	
485.2	540.5	55.3	5B0	
540.5	541.0	0.5	5B0	zone of gouge and broken core
541.0	550.0	9.0	5B0	
550.0	550.3	0.3	5B0	zone of broken core
550.3	558.0	7.7	5b0	
558.0	569.0	11.0	5B7	->5B73
569.0	576.6	7.6	5B0	
576.6	579.6	3.0	0D8	->10D87
579.6	585.9	6.3	0D2	->10D297
585.9	588.3	2.4	0D8	->10D87
588.3	598.6	10.3	5B0	
598.6	601.9	3.3	5D3	
601.9	608.5	6.6	5D3	
608.5	612.5	4.0	5D0	
612.5	613.7	1.2	5D3	
613.7	614.9	1.2	5D0	
614.9	616.7	1.8	5D3	
616.7	619.2	2.5	5D0	
619.2	621.9	2.7	5C0	
621.9	628.9	7.0	5D3	
628.9	629.9	1.0	5D0	
629.9	634.7	4.8	5D3	
634.7	644.2	9.5	5B0	
644.2	648.9	4.7	5D3	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-06

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
648.9	685.1	36.2	5B0	
685.1	686.5	1.4	5D3	
685.5	700.0	14.5	5B0	
700.0	700.6	0.6	5B0	gouge zone
700.6	705.2	4.6	5B7	->5B73
705.2	715.3	10.1	5B6	
715.3	717.2	1.9	5B2	5B26
717.2	718.8	1.6	5B0	
718.8	724.1	5.3	5B6	
724.1	738.9	14.8	5B6	
738.9	739.7	0.8	5B2	5B26
739.7	767.0	27.3	5B6	
767.0	771.4	4.4	5B2	5B26
771.4	784.9	13.5	5B2	5B23
784.9	841.1	56.2	5B0	
841.1	842.5	1.4	4L0	
842.5	848.7	6.2	4G8	
848.7	850.6	1.9	4A0	
850.6	852.5	1.9	4L0	
852.5	861.9	9.4	4L7	
861.9	862.7	0.8	4L3	
862.7	863.0	0.3	4D4	4D46
863.0	863.2	0.2	4L3	
863.2	863.7	0.5	4G4	4G48
863.7	863.9	0.2	4A0	
863.9	864.7	0.8	4L0	
864.7	867.0	2.3	4E4	4E48
867.0	867.8	0.8	4E8	
867.8	868.0	0.2	4E8	zone of broken core
868.0	868.5	0.5	4L0	
868.5	870.2	1.7	4E0	
870.2	870.4	0.2	4H0	
870.4	870.9	0.5	4L0	
870.9	874.2	3.3	5B6	5B69
874.2	875.0	0.8	4L0	
875.0	875.4	0.4	4G4	4G48
875.4	876.1	0.7	4E8	
876.1	877.1	1.0	4G4	4G48

SUMMARY DIAMOND DRILL HOLE LOG
80-X-06

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
877.1	877.5	0.4	4E8	
877.5	878.4	0.9	4C0	
878.4	879.9	1.5	4A0	
879.9	881.3	1.4	4D7	
881.3	881.7	0.4	4G0	
881.7	881.8	0.1	4L0	
881.8	882.3	0.5	4D7	
882.3	883.2	0.9	4E1	4E14
883.2	885.4	2.2	4D8	
885.4	886.1	0.7	4E8	
886.1	888.6	2.5	4G4	4G48
888.6	891.5	2.9	4E8	4E86
891.5	893.0	1.5	4C0	
893.0	893.7	0.7	4G0	
893.7	896.6	2.9	4D8	
896.6	904.3	7.7	4C7	
904.3	906.6	2.3	4A0	
906.6	914.3	7.7	4C0	
914.3	917.8	3.5	4C0	zone of broken core
917.8	918.2	0.4	5B6	5B69
918.2	921.0	2.8	4L2	4L29
921.0	926.1	5.1	4L0	
926.1	928.6	2.5	4L6	
928.6	930.2	1.6	4L7	4L72
930.2	946.0	15.8	4L6	
946.0	946.5	0.5	4A4	
946.5	946.9	0.4	4E0	
946.9	955.0	8.1	4G0	
955.0	957.2	2.2	4A4	
957.2	959.2	2.0	4A0	
959.2	959.8	0.6	4L0	
959.8	961.9	2.1	4G8	
961.9	962.2	0.3	4L0	
962.2	962.4	0.2	4C0	
962.4	964.3	1.9	4A0	
964.3	977.9	13.6	5A0	
977.9	979.4	1.5	4A0	
979.4	994.2	14.8	5A0	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-06

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
994.2	994.7	0.5	4G4	
994.7	996.3	1.6	4L0	
996.3	1005.9	9.6	5D0	
1005.9	1010.8	4.9	5A9	
1010.8	1012.3	1.5	3D	
1012.3	1013.5	1.2	3D	
1013.5	1014.3	0.8	3D	
1014.3	1016.3	2.0	3E0	
1016.3	1019.5	3.2	3E0	
1019.5	1020.0	0.5	3D	gradiational to 3G7
1020.0	1035.5	15.5	3G0	
1031.5	1038.8	7.3	3B0	gradiation to 5B67
1038.8	1049.0	10.2	3G0	
1049.0	1050.5	1.5	3C0	patches of possible 5D0
1050.5	1050.6	0.1	3D	BXA
1050.6	1058.9	8.3	3D	
1058.9	1059.9	1.0	3D	
1059.9	1061.2	1.3	3C0	
1061.2	1064.3	3.1	3D	
1064.3	1068.0	3.7	3G8	
1068.0	1096.3	28.3	3D	
1096.3	1099.3	3.0	3D	

Orientation: Vertical Hole
Source: Original log but calc-silicate modifiers removed due to possible confusion
Assays: See following sheet

Drill Hole: 80X06 Section:
Northing: 900559.9 Easting: 597171.2 Elevation: 1116.8
Length: 1099.3 Core: DDH Record: 46

ASSAYS

Sample #	---Depths--- From	To	Int m	Rec %	Rock Unit	Rock Code	Pulp S.G.	Pb+Zn %	Pb %	Zn %	Ag g/t	Au g/t
0	.0	842.0	842.0		WASTE							
1690	842.0	842.5	.5		4H9			.58	.35	.23	6.0	
1682	842.5	844.5	2.0		4G89			5.77	2.93	2.84	42.0	
1683	844.5	846.5	2.0		4G89			10.06	4.61	5.45	67.0	
1684	846.5	848.7	2.2		4G89			9.34	4.71	4.63	66.0	
1685	848.7	850.6	1.9		4A0			3.08	1.63	1.45	24.0	
0	850.6	852.5	1.9		WASTE							
1686	852.5	854.5	2.0		4L7			.02	.01	.01	2.0	
1687	854.5	856.5	2.0		4L7			.02	.01	.01	1.0	
1688	856.5	858.5	2.0		4L7			.27	.15	.12	3.0	
1689	858.5	860.5	2.0		4L7			.94	.08	.86	2.0	
1691	860.5	861.9	1.4		4L7			.10	.04	.06	.5	
1692	861.9	862.7	.8		4L3			.63	.22	.41	2.0	
1693	862.7	863.2	.5		4D46		4.19	10.25	4.14	6.11	59.0	.55
1694	863.2	863.7	.5		4G4		4.86	11.40	4.75	6.65	64.0	.62
1695	863.7	864.7	1.0		4A0			.97	.47	.50	4.0	
1696	864.7	867.0	2.3		4E49			5.47	2.96	2.51	41.0	
1697	867.0	868.0	1.0		4E89			6.14	2.94	3.20	57.0	
1698	868.0	868.5	.5		4L0			1.40	.60	.80	6.0	
1699	868.5	870.2	1.7		4E9			5.34	2.61	2.73	51.0	
1700	870.2	870.5	.3		4H9			3.57	3.32	.25	55.0	
0	870.5	875.0	4.5		WASTE							
1701	875.0	875.4	.4		4G48		4.35	14.51	6.38	8.13	89.0	1.47
1702	875.4	876.1	.7		4E89		4.83	5.14	3.01	2.13	45.0	1.71
1703	876.1	877.1	1.0		4G48		4.55	13.96	5.83	8.13	84.0	1.09
1704	877.1	877.5	.4		4E89			1.14	.70	.44	23.0	
1705	877.5	878.4	.9		4C0			1.96	.76	1.20	11.0	
1706	878.4	879.9	1.5		4A9			2.20	1.15	1.05	21.0	
1707	879.9	881.3	1.4		4D79			3.82	1.65	2.17	23.0	
1708	881.3	881.7	.4		4G0			6.53	2.38	4.15	36.0	
1709	881.7	882.3	.6		4D79			1.86	.61	1.25	8.0	
1710	882.3	883.2	.9		4E19			3.38	1.36	2.02	19.0	
1711	883.2	885.4	2.2		4D8		4.46	6.39	.96	5.43	116.0	1.65
1712	885.4	886.1	.7		4E89		4.42	6.22	4.22	2.00	50.0	1.78
1713	886.1	888.6	2.5		4G489		3.94	13.66	7.20	6.46	99.0	1.17
1714	888.6	890.6	2.0		4E869			3.64	1.99	1.65	30.0	
1715	890.6	891.5	.9		4E869			.75	.30	.45	13.0	
1716	891.5	893.0	1.5		4C9			4.33	2.19	2.14	37.0	
1717	893.0	893.7	.7		4G0			9.01	5.29	3.72	81.0	
1718	893.7	895.7	2.0		4E89			1.43	.57	.86	12.0	
1719	895.7	896.6	.9		4E89			1.59	.77	.82	22.0	
1720	896.6	898.6	2.0		4C7			4.79	3.37	1.42	45.0	
1721	898.6	900.6	2.0		4C7			2.94	.90	2.04	10.0	
1722	900.6	902.6	2.0		4C7		4.12	8.28	2.44	5.84	32.0	.69

1723	902.6	904.3	1.7	4C7	3.69	7.49	2.18	5.31	35.0	.82
1724	904.3	906.6	2.3	4A0		2.69	.84	1.85	10.0	
1725	906.6	908.6	2.0	4C0		.98	.30	.68	4.0	
1726	908.6	910.6	2.0	4C9		2.62	1.20	1.42	19.0	
1727	910.6	914.6	4.0	4C9		1.45	.53	.92	8.0	
1728	914.6	916.6	2.0	4C9		.28	.13	.15	2.0	
1729	916.6	917.8	1.2	4C9		.14	.08	.06	5.0	
0	917.8	946.0	28.2	WASTE						
1730	946.0	946.5	.5	4A4		2.91	1.11	1.80	35.0	
1731	946.5	946.9	.4	4E0		.99	.62	.37	43.0	
1732	946.9	948.9	2.0	4G0		4.48	2.40	2.08	51.0	
1733	948.9	950.9	2.0	4G0		2.77	1.08	1.69	31.0	
1734	950.9	952.9	2.0	4G9		5.79	2.72	3.07	63.0	
1735	952.9	955.0	2.1	4G0		6.51	2.20	4.31	32.0	
1736	955.0	957.2	2.2	4A4		4.97	1.71	3.26	24.0	
1737	957.2	959.2	2.0	4A0		1.68	.62	1.06	7.0	
1738	959.2	959.8	.6	4L9		6.04	4.52	1.52	59.0	
1739	959.8	961.9	2.1	4G9		6.62	2.73	3.89	57.0	
1740	961.9	962.4	.5	4L0		.52	.28	.24	5.0	
1741	962.4	964.3	1.9	4A0		2.19	.76	1.43	7.0	
0	964.3	977.9	13.6	WASTE						
1742	977.9	979.4	1.5	4A0		2.16	.43	1.73	3.0	
0	979.4	994.2	14.8	WASTE						
1743	994.2	994.7	.5	4G49		7.42	3.27	4.15	40.0	
0	994.7	1099.3	104.6	WASTE						

SUMMARY DIAMOND DRILL HOLE LOG
80-X-10

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	6.1	6.1	11	OVERBURDEN
6.1	8.8	2.7	5C4	
8.8	9.6	0.8	5B4	->5B43
9.6	9.7	0.1	5B0	
9.7	21.2	11.5	5D0	
21.2	21.9	0.7	5C0	
21.9	23.5	1.6	5B7	->5B76
23.5	38.2	14.7	5B0	
38.2	38.5	0.3	5D3	
38.5	38.7	0.2	5B0	
38.7	40.6	1.9	5D3	
40.6	44.4	3.8	5B0	
44.4	52.1	7.7	5B7	->5B73
51.2	56.6	5.4	5B3	
56.6	100.3	43.7	5C0	
100.3	100.6	0.3	5C3	
100.6	104.2	3.6	5D3	
104.2	114.6	10.4	5B7	-5B73
114.6	153.0	38.4	5B0	
153.0	156.0	3.0	5B0	
156.0	206.5	50.5	5B0	
206.5	207.0	0.5	5B0	
207.0	254.7	47.7	5B0	
254.7	257.2	2.5	5B0	
257.2	277.2	20.0	5B0	
277.2	279.4	2.2	5B0	
279.4	340.1	60.7	5B0	
340.1	341.6	1.5	5B6	
341.6	344.4	2.8	5B0	
344.4	347.9	3.5	5B6	
347.9	483.1	135.2	5B0	
483.4	484.9	1.5	5B6	
484.9	485.3	0.4	5B6	
485.3	486.2	0.9	5B6	
486.2	487.9	1.7	5B6	
487.9	488.6	0.7	5D3	
488.6	489.0	0.4	5B0	
489.0	491.4	2.4	5B0	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-10

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
491.4	492.4	1.0	5B2	->5B23
492.4	496.3	3.9	5D3	
496.3	509.3	13.0	5B0	
509.3	510.4	1.1	5D3	
510.4	535.2	24.8	5B0	
535.2	536.7	1.5	5B0	
536.7	540.8	4.1	5B7	->5B73
540.8	542.3	1.5	5D3	
542.3	544.7	2.4	5B2	5B26
544.7	545.9	1.2	5D3	
454.9	611.0	156.1	5B0	
611.0	611.7	0.7	5D3	
611.7	624.6	12.9	5B2	->5B23
624.6	625.5	0.9	5A0	
625.5	633.5	8.0	0D9	
633.5	633.8	0.3	5B2	->5B26
633.8	636.9	3.1	5B2	->5B26
636.9	645.4	8.5	5B2	->5B23
645.4	649.3	3.9	5B0	
649.3	653.2	3.9	5B2	->5B23
653.2	666.8	13.6	5B9	gradational to 5B23
666.8	671.5	4.7	5B2	->5B23
671.5	681.5	10.0	5D3	
681.5	685.6	4.1	5C3	
685.6	687.6	2.0	5B0	
687.6	688.2	0.6	5D3	
688.2	691.5	3.3	5B2	->5B23
691.5	694.0	2.5	5B0	
694.0	701.5	7.5	5B2	->5B23
701.5	719.9	18.4	5B0	
719.9	720.4	0.5	5B2	->5B23
720.4	731.5	11.1	5B0	
731.5	738.5	7.0	5B7	->5B73
738.5	761.1	22.6	5B2	->5B23
761.1	770.0	8.9	5A0	
770.0	771.7	1.7	5A3	
771.7	773.2	1.5	5B2	->5B23
773.2	775.6	2.4	5B2	->5B26

SUMMARY DIAMOND DRILL HOLE LOG
80-X-10

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
775.6	778.0	2.4	5A0	
778.0	781.3	3.3	5B2	->55B23
781.3	787.7	6.4	5B2	->5B26
787.7	790.5	2.8	5A0	
790.5	795.3	4.8	5B6	
795.3	796.1	0.8	5B0	
796.1	798.8	2.7	5B6	
798.8	822.9	24.1	5B2	->5B26
822.9	824.1	1.2	5A0	
824.1	828.0	3.9	5B2	->5B26
828.0	828.7	0.7	5A0	
828.7	836.5	7.8	5B2	
836.5	837.4	0.9	5D3	
837.4	841.9	4.5	5B2	
841.9	849.7	7.8	5B6	
849.7	854.7	5.0	5B2	->5B26
854.7	858.6	3.9	5B23	->5B216
858.6	859.3	0.7	4H1	
859.3	860.8	1.5	4H1	->4H19
860.8	862.4	1.6	4L1	->4L17
862.4	876.9	14.5	4L1	4L167
876.9	877.9	1.0	4L1	->4L17
877.9	879.8	1.9	4L1	->4L13
879.8	881.5	1.7	4A0	
881.5	881.8	0.3	4C0	
881.8	892.0	10.2	4L1	->4L167
892.0	902.8	10.8	4L6	-4L67
902.8	905.1	2.3	4L7	
905.1	906.1	1.0	4L6	
906.1	909.8	3.7	4L7	
909.8	910.6	0.8	4GK	->4GK4
910.6	911.3	0.7	4EK	->4EK1
911.3	912.5	1.2	4G4	
912.5	912.9	0.4	4K6	-4K641
912.9	913.5	0.6	4GK	->4GK4
913.5	917.1	3.6	4G4	
917.1	918.7	1.6	4EK	->4EK1
918.7	919.1	0.4	4G4	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-10

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
919.1	922.3	3.2	4E0	minor bands of 4G4
922.3	922.6	0.3	4G4	
922.6	925.8	3.2	4E0	
925.8	926.7	0.9	4D0	
926.7	928.2	1.5	4A4	
928.2	928.6	0.4	4GK	
928.6	928.8	0.2	4K0	
928.8	929.0	0.2	4E0	
929.0	932.1	3.1	4L1	
932.1	942.7	10.6	4L6	->4L67
942.7	944.5	1.8	4L5	->4L567
944.5	945.0	0.5	5D3	
945.0	946.0	1.0	4L6	
946.0	946.3	0.3	5D0	
946.3	948.1	1.8	4L6	
948.1	948.3	0.2	4L1	
948.3	980.6	32.3	4A0	
950.6	950.8	0.2	4A4	
950.8	954.0	3.2	4G0	
954.3	955.3	1.0	4D0	
955.3	956.2	0.9	4A0	
956.2	974.1	17.9	5A0	
974.1	984.5	10.4	3G9	
984.5	991.4	6.9	3G0	
991.4	994.0	2.6	5G9	
994.0	994.4	0.4	3E0	
994.4	996.8	2.4	10D2	->10D29
996.8	997.9	1.1	10D2	->10D27
997.9	999.5	1.6	10D2	->10D29
999.5	1006.8	7.3	10D2	->0D27
1006.8	1016.8	10.0	5A0	
1016.8	1017.2	0.4	3B0	
1017.2	1018.6	1.4	3E0	
1018.6	1018.9	0.3	3D	
1018.9	1021.5	2.6	3B0	
1021.5	1021.9	0.4	3D	
1021.9	1024.8	2.9	3B0	
1024.8	1025.1	0.3	3E0	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-10

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
1025.1	1025.7	0.6	3B0	
1025.7	1030.9	5.2	3E0	
1031.9	1032.0	0.1	10D2	->10D27
1032.0	1040.2	8.2	10D2	->10D29

Orientation: Vertical Hole
Source: Original log but Unit 3D modifiers removed
Assays: See following sheet

Drill Hole: 80X10 Section:
Northing: 900462.3 Easting: 597151.4 Elevation: 1110.0
Length: 1040.2 Core: DDH Record: 50

ASSAYS

Sample #	---Depths--- From	To	Int m	Rec %	Rock Unit	Rock Code	Pulp S.G.	Pb+Zn %	Pb %	Zn %	Ag g/t	Au g/t
0	.0	858.6	858.6		WASTE							
1857	858.6	860.8	2.2		4H19			7.19	3.24	3.95	63.0	
1858	860.8	862.4	1.6		4L17			.08	.03	.05	4.0	
1859	862.4	864.4	2.0		4L167			.47	.26	.21	5.0	
1860	864.4	866.4	2.0		4L167			.09	.03	.06	5.0	
1861	866.4	868.4	2.0		4L167			.15	.04	.11	1.0	
1862	868.4	870.4	2.0		4L167			.10	.03	.07	2.0	
1863	870.4	872.4	2.0		4L167			.08	.02	.06	3.0	
0	872.4	874.4	2.0		WASTE							
1864	874.4	876.9	2.5		4L167			.16	.05	.11	6.0	
1865	876.9	877.9	1.0		4L17			.19	.07	.12	5.0	
1866	877.9	879.8	1.9		4L13			.24	.10	.14	5.0	
1867	879.8	881.5	1.7		4A0			5.50	2.31	3.19	27.0	
1868	881.5	881.8	.3		4C0			9.42	3.67	5.75	46.0	
0	881.8	909.8	28.0		WASTE							
1869	909.8	910.6	.8		4G4		4.29	12.94	6.20	6.74	88.0	.96
1870	910.6	911.3	.7		4E1		4.31	8.56	3.90	4.66	75.0	1.78
1871	911.3	912.5	1.2		4G4		4.43	15.72	7.80	7.92	116.0	1.03
1872	912.5	912.9	.4		4K641		4.14	10.93	6.10	4.83	78.0	1.34
1873	912.9	913.5	.6		4G49		4.30	14.66	7.20	7.46	105.0	1.78
1874	913.5	915.5	2.0		4G4		4.46	17.50	7.10	10.40	99.0	1.10
1875	915.5	917.1	1.6		4G4		4.38	17.30	6.60	10.70	122.0	1.03
1876	917.1	918.7	1.6		4E19		4.41	8.94	4.90	4.04	112.0	2.06
1877	918.7	919.1	.4		4G49		4.40	15.51	6.80	8.71	102.0	1.99
1878	919.1	921.1	2.0		4E19		3.83	6.31	2.47	3.84	46.0	1.65
1879	921.1	922.3	1.2		4E1		5.38	11.97	4.87	7.10	76.0	1.54
1880	922.3	922.6	.3		4G4		4.54	12.68	4.98	7.70	80.0	1.37
1881	922.6	924.6	2.0		4E9		4.34	10.73	4.38	6.35	70.0	1.65
1882	924.6	925.8	1.2		4E9		4.60	8.28	3.47	4.81	76.0	1.99
1883	925.8	926.7	.9		4D0		3.22	8.42	2.87	5.55	42.0	1.44
1884	926.7	928.2	1.5		4A4		2.82	6.10	2.09	4.01	26.0	.51
1885	928.2	928.6	.4		4G0		4.20	8.40	3.22	5.18	98.0	1.10
1886	928.6	929.0	.4		4K9			.22	.14	.08	15.0	
0	929.0	948.3	19.3		WASTE							
1887	948.3	950.3	2.0		4A0			2.01	.59	1.42	12.0	
1888	950.3	950.8	.5		4A0			1.68	.84	.84	13.0	
1889	950.8	952.8	2.0		4G0			4.90	1.83	3.07	30.0	
1890	952.8	954.0	1.2		4G9			4.02	1.91	2.11	32.0	
1891	954.0	954.3	.3		4A0			2.89	.84	2.05	12.0	
1892	954.3	955.3	1.0		4D0			9.05	2.59	6.46	31.0	
1893	955.3	956.2	.9		4A0			5.54	1.99	3.55	24.0	
0	956.2	1040.2	84.0		WASTE							

SUMMARY DIAMOND DRILL HOLE LOG
80-X-12

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	34.1	34.1	11	OVERBURDEN
34.1	35.0	0.9	5C3	
35.0	42.4	7.4	5D3	
42.4	42.6	0.2	5D3	gouge
42.6	63.8	21.2	5B0	
63.8	66.0	2.2	5B0	gouge
66.0	73.1	7.1	5B0	
73.1	73.6	0.5	5D3	
73.6	75.5	1.9	5B0	
75.5	78.5	3.0	5D3	
78.5	89.5	11.0	5B0	
89.5	95.9	6.4	5B6	
95.9	108.0	12.1	5B0	
108.0	108.8	0.8	5D0	
108.8	109.7	0.9	5B0	
109.7	110.1	0.4	5D0	
110.1	149.1	39.0	5B0	
149.1	149.5	0.4	5B0	gouge
149.5	150.8	1.3	5B0	
150.8	151.0	0.2	5B0	gouge
151.0	156.9	5.9	5B0	
156.9	157.1	0.2	5D0	
157.1	165.0	7.9	5B0	
165.0	165.2	0.2	5B0	gouge
165.2	189.9	24.7	5B0	
189.9	190.0	0.1	5B0	gouge
190.0	210.3	20.3	5B0	
210.3	212.1	1.8	5B0	gouge
212.1	230.1	18.0	5B0	
230.1	230.6	0.5	5B0	gouge
230.6	255.4	24.8	5B0	
255.4	255.9	0.5	5D3	
255.9	260.3	4.4	5B0	
260.3	260.7	0.4	5D3	
260.7	264.3	3.6	5B0	
264.3	265.4	1.1	5B0	
265.4	272.6	7.2	5B0	
272.6	273.7	1.1	5B2	->5B23

SUMMARY DIAMOND DRILL HOLE LOG
80-X-12

<u>LITHOLOGY</u>

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
273.7	348.4	74.7	5B0	
348.4	350.1	1.7	5B0	
350.1	351.4	1.3	5D3	
351.4	353.2	1.8	5B7	->5B73
353.2	353.6	0.4	5D3	
353.6	354.0	0.4	5B0	
354.0	355.2	1.2	5B2	->5B23
355.2	356.5	1.3	5B0	
356.5	358.8	2.3	5D3	
358.8	366.7	7.9	5B0	
366.7	367.0	0.3	5D3	
367.0	384.6	17.6	5B0	
384.6	385.1	0.5	5B7	->5B73
385.1	384.6	-0.5	5B0	
384.6	385.1	0.5	5B7	->5B73
385.1	390.2	5.1	5B0	
390.2	390.4	0.2	5B7	->5B73
390.4	404.4	14.0	5B0	
404.4	423.0	18.6	5B0	
423.0	428.1	5.1	5B6	
428.1	443.4	15.3	5B0	
443.4	451.0	7.6	5B6	
451.0	468.0	17.0	5B0	
468.0	468.2	0.2	5B0	gouge
468.2	508.3	40.1	5B0	
508.3	508.6	0.3	5D3	(5B0) minor
508.6	523.0	14.4	5B0	
523.0	525.5	2.5	10D2	->10D278
525.5	538.6	13.1	10D2	->10D27
538.6	543.3	4.7	10D2	->10D278
543.2	574.5	31.3	5B0	
574.5	574.8	0.3	5B0	gouge
574.8	582.8	8.0	5B0	
582.8	585.8	3.0	5B7	->5B73
585.8	588.1	2.3	5B0	
588.1	589.6	1.5	5D3	
589.6	602.6	13.0	5B0	
602.6	605.6	3.0	5D3	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-12

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
605.6	606.6	1.0	5D3	
606.6	611.1	4.5	5D3	
611.1	612.5	1.4	5D3	
612.5	615.1	2.6	5D3	
615.1	615.9	0.8	5D3	
615.9	619.1	3.2	5D3	
619.1	626.9	7.8	5D3	
626.9	636.0	9.1	5D3	
636.0	638.4	2.4	5D3	
638.4	645.2	6.8	5D3	
645.2	666.2	21.0	5B2	->5B23
666.2	668.5	2.3	5B7	->5B73
668.5	672.3	3.8	5E7	
672.3	676.9	4.6	5B2	->5B23
676.9	677.6	0.7	5B7	->5B76
677.6	682.5	4.9	5B2	->5B23
682.5	683.7	1.2	5D3	
683.7	684.0	0.3	5D3	
684.0	684.5	0.5	5E7	
684.5	686.4	1.9	5D0	
686.4	686.9	0.5	5B0	
686.9	687.6	0.7	5D0	
687.6	689.4	1.8	5D3	
689.4	690.9	1.5	5B0	
690.9	693.5	2.6	5A3	gradational with 5B23
693.5	695.5	2.0	5B0	
695.5	699.3	3.8	5B0	->5B76
699.3	701.9	2.6	5B7	->5B76 gouge
701.9	702.5	0.6	5B2	->5B26
702.5	703.2	0.7	5D0	
703.2	703.5	0.3	5B6	
703.5	703.7	0.2	5B6	gouge
703.7	704.0	0.3	5B6	
704.0	704.3	0.3	5D3	
704.3	704.9	0.6	5B7	->5B76
704.9	705.0	0.1	5D3	
705.0	705.7	0.7	5B6	
705.7	706.1	0.4	5D0	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-12

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
706.1	706.3	0.2	5B6	
706.3	706.6	0.3	5D0	
706.6	707.1	0.5	5B6	
707.1	707.4	0.3	5D0	
707.4	708.0	0.6	5B7	->5B76
708.0	708.7	0.7	5D0	
708.7	709.4	0.7	5B6	
709.4	709.6	0.2	5D0	
709.6	709.9	0.3	5B6	
709.9	711.5	1.6	5D0	
711.5	716.3	4.8	5A0	
716.3	718.0	1.7	5B7	->5B76
718.0	723.4	5.4	5B6	
723.4	727.1	3.7	5A0	
727.1	727.5	0.4	5A0	gouge
727.5	728.3	0.8	5A0	
728.3	730.6	2.3	5A0	gouge
730.6	731.8	1.2	5A0	
731.8	735.4	3.6	4A0	
735.4	740.4	5.0	5A9	
740.4	763.2	22.8	5A1	
763.2	794.1	30.9	5A1	->5A19
794.1	799.1	5.0	5A1	->5A19
799.1	801.8	2.7	5B2	->5B296
801.8	823.8	22.0	5A1	
823.8	828.8	5.0	5B2	->5B26
828.8	833.0	4.2	5B2	->5B26
833.0	837.7	4.7	5B6	
837.7	842.2	4.5	5B2	->5B216
842.2	842.6	0.4	5B2	->5B216 gouge
842.2	843.5	1.3	4B5	
843.5	844.2	0.7	4A1	
844.2	846.0	1.8	4A0	
846.0	846.2	0.2	5D4	
846.2	848.0	1.8	4A0	
848.0	848.7	0.7	4D0	
848.7	848.9	0.2	5D0	
848.9	849.3	0.4	4E0	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-12

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
849.3	849.9	0.6	5D3	
849.9	857.4	7.5	4A0	
857.4	858.1	0.7	4A0	
857.4	858.1	0.7	4E0	
858.1	858.9	0.8	4G4	
858.9	859.2	0.3	4E1	->4E18
859.2	860.7	1.5	4L3	->4L37
860.7	861.5	0.8	4L7	->4L76
861.5	861.9	0.4	4E6	->4E68
861.9	863.8	1.9	4K8	
863.8	864.2	0.4	4A0	
864.2	865.2	1.0	4E0	
865.2	865.4	0.2	4A0	
865.4	865.6	0.2	4E1	
865.6	866.4	0.8	4A0	
866.4	868.6	2.2	5A1	->5A19
868.6	870.8	2.2	4A0	
870.8	872.0	1.2	4E0	
872.0	872.9	0.9	4E1	
872.9	876.4	3.5	4A0	
876.4	877.1	0.7	4E1	
877.1	882.5	5.4	4G8	
882.5	883.0	0.5	4C0	
883.0	884.5	1.5	4L3	
884.5	885.3	0.8	4C8	
885.3	885.5	0.2	4L1	->4L13
885.5	886.1	0.6	4C8	
886.1	886.4	0.3	4L1	->4L13
886.4	893.8	7.4	4L7	
893.8	895.7	1.9	5B1	->4L1
895.7	897.6	1.9	5A0	
897.6	902.4	4.8	4A0	
902.4	906.7	4.3	4E0	
906.7	906.8	0.1	5A1	->5A19
906.8	907.4	0.6	4C7	
907.4	923.8	16.4	5A1	->5A19
923.8	925.6	1.8	5A1	->5A19 gouge
925.6	945.8	20.2	5B6	

SUMMARY DIAMOND DRILL HOLE LOG
80-X-12

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
945.6	946.0	0.4	5D3	
946.0	952.5	6.5	5B6	
952.5	954.7	2.2	5B2	->5B26
954.7	959.2	4.5	5B6	
959.2	971.7	12.5	5A1	->5A19
971.7	972.0	0.3	5A1	->5A19 gouge
972.0	973.4	1.4	5A1	->5A19 breccia
973.4	977.3	3.9	3B0	gouge
977.3	984.9	7.6	3G0	
984.9	987.6	2.7	3E0	[5A*]
987.6	1028.6	41.0	3G0	
1028.6	1037.5	8.9	3D3	

Orientation: Vertical Hole
Source: Original log
Assays: See following sheet

Drill Hole: 80X12 Section:
Northing: 900670.9 Easting: 597017.2 Elevation: 1137.3
Length: 1037.5 Core: DDH Record: 52

ASSAYS

Sample #	---Depths--- From	To	Int m	Rec %	Rock Unit	Rock Code	Pulp S.G.	Pb+Zn %	Pb %	Zn %	Ag g/t	Au g/t
0	.0	843.5	843.5		WASTE							
2003	843.5	844.2	.7		4A1			.33	.19	.14	5.0	
2004	844.2	846.0	1.8		4A0			4.65	2.01	2.64	37.0	
0	846.0	846.2	.2		WASTE							
2005	846.2	848.0	1.8		4A0			4.98	2.03	2.95	33.0	
2006	848.0	848.7	.7		4D0		3.51	16.77	8.00	8.77	108.0	.69
2007	848.7	849.3	.6		4E0		3.50	11.45	2.42	9.03	50.0	.58
0	849.3	849.9	.6		WASTE							
2008	849.9	851.9	2.0		4A0			2.90	1.21	1.69	18.0	
2009	851.9	853.9	2.0		4A0			4.63	2.15	2.48	34.0	
2010	853.9	855.9	2.0		4A0			.88	.33	.55	7.0	
2011	855.9	857.4	1.5		4A0			2.28	.83	1.45	17.0	
2012	857.4	858.1	.7		4E0			9.14	1.67	7.47	36.0	
2013	858.1	858.9	.8		4G4			7.87	3.31	4.56	55.0	
2014	858.9	859.2	.3		4E19			2.25	1.56	.69	29.0	
2015	859.2	860.7	1.5		4L37			.23	.16	.07	2.0	
2016	860.7	861.5	.8		4L76			.46	.33	.13	4.0	
2017	861.5	861.9	.4		4E69			3.16	1.92	1.24	44.0	
2018	861.9	863.8	1.9		4K89			4.30	1.74	2.56	39.0	
2019	863.8	864.2	.4		4A0			2.99	1.01	1.98	18.0	
2020	864.2	865.2	1.0		4E0			10.22	2.16	8.06	37.0	
2021	865.2	866.4	1.2		4A0			3.41	1.08	2.33	16.0	
0	866.4	868.6	2.2		WASTE							
2022	868.6	870.8	2.2		4A0			2.68	1.22	1.46	28.0	
2023	870.8	872.9	2.1		4E0			1.05	.70	.35	32.0	
2024	872.9	874.9	2.0		4A0			.23	.15	.08	6.0	
2025	874.9	876.4	1.5		4A0			1.33	.45	.88	12.0	
2026	876.4	877.1	.7		4E1			.42	.26	.16	14.0	
2027	877.1	879.1	2.0		4G9			4.57	2.39	2.18	39.0	
2028	879.1	881.1	2.0		4G89			5.92	3.28	2.64	43.0	
2029	881.1	882.5	1.4		4G89			1.88	1.11	.77	28.0	
2030	882.5	883.0	.5		4C9			.57	.41	.16	25.0	
0	883.0	884.5	1.5		WASTE							
2031	884.5	885.3	.8		4C8			.54	.34	.20	14.0	
2032	885.3	886.1	.8		4C89			.79	.62	.17	18.0	
0	886.1	886.4	.3		WASTE							
2033	886.4	888.4	2.0		4L7			.58	.39	.19	2.0	
2034	888.4	890.4	2.0		4L7			.38	.18	.20	3.0	
2035	890.4	892.4	2.0		4L7			.54	.25	.29	4.0	
2036	892.4	893.8	1.4		4L7			.90	.43	.47	7.0	
0	893.8	897.6	3.8		WASTE							
2037	897.6	899.6	2.0		4A0			1.02	.35	.67	3.0	
2038	899.6	901.6	2.0		4A0			2.98	1.02	1.96	17.0	
2039	901.6	902.4	.8		4A0			.71	.22	.49	5.0	

2040	902.4	904.4	2.0	4E0	.63	.22	.41	10.0
2041	904.4	906.7	2.3	4E0	.36	.22	.14	10.0
2042	906.7	907.4	.7	4C7	7.34	4.05	3.29	66.0
0	907.4	1040.2	132.8	WASTE				

SUMMARY DIAMOND DRILL HOLE LOG
EA81X02

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	24.9	24.9	11	OVERBURDEN
24.9	26.1	1.2	5B6	
26.1	26.3	0.2	5B6	
26.3	29.0	2.7	5B0	
29.0	42.3	13.3	5B6	
42.3	70.4	28.1	5B0	
70.4	73.9	3.5	5B6	
73.9	74.1	0.2	5B6	gouge
74.1	76.6	2.5	5B6	
76.6	82.1	5.5	5B0	
82.1	90.5	8.4	5B6	
90.5	93.0	2.5	5B0	
93.0	94.7	1.7	5B6	
94.7	98.5	3.8	5B0	
98.5	99.0	0.5	5B0	gouge
99.0	99.5	0.5	5B0	
99.5	100.6	1.1	5B0	
100.6	100.8	0.2	5B0	gouge
100.8	105.1	4.3	5B0	
105.1	106.2	1.1	5B23	
106.2	106.7	0.5	5B0	
106.7	108.7	2.0	5B6	
108.7	110.5	1.8	5B0	
110.5	115.0	4.5	5B26	
115.0	120.0	5.0	5A0	
120.0	127.3	7.3	5B23	
127.3	135.2	7.9	5B0	
135.2	136.7	1.5	5D0	->5D4
136.7	138.3	1.6	5D3	
138.3	144.7	6.4	5C3	
144.7	146.9	2.2	5D3	
146.9	153.4	6.5	5C3	
153.4	155.5	2.1	5D3	
155.5	160.6	5.1	5C3	
160.6	162.7	2.1	5C0	
162.7	164.2	1.5	5C3	
165.9	168.4	2.5	5C3	
169.7	171.3	1.6	5D3	

SUMMARY DIAMOND DRILL HOLE LOG
EA81X02

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
171.3	172.6	1.3	5B73	
172.6	201.3	28.7	5B0	
201.3	201.6	0.3	5B0	
203.6	211.7	8.1	5B6	
211.7	212.3	0.6	5C3	
212.3	212.9	0.6	5C0	
212.9	221.1	8.2	5B0	
221.1	221.8	0.7	5D3	
221.8	237.5	15.7	5B0	
237.5	240.6	3.1	5B0	
240.6	247.5	6.9	5B0	
247.5	247.8	0.3	5B0	gouge
247.8	252.7	4.9	5B0	
252.7	253.2	0.5	5B23	
253.2	261.0	7.8	5B0	
261.0	261.6	0.6	5D3	
261.6	261.8	0.2	5B73	
261.8	262.0	0.2	5D3	
262.0	273.4	11.4	5B73	
273.4	274.9	1.5	5B0	
274.9	275.3	0.4	5B0	
275.3	281.0	5.7	5B73	
281.0	283.6	2.6	5B23	
283.6	287.4	3.8	5B0	
287.4	287.7	0.3	5B23	
287.7	287.9	0.2	5B73	
287.9	288.9	1.0	5B23	
288.9	294.9	6.0	5B73	
294.9	297.0	2.1	5B23	
297.0	301.0	4.0	5B73	
301.0	304.3	3.3	5B76	
304.3	308.2	3.9	5B73	
308.2	323.7	15.5	5B0	
323.7	326.0	2.3	5B01	
326.0	330.6	4.6	5B0	
330.6	336.7	6.1	5B6	
336.7	336.9	0.2	5B6	gouge
336.9	337.5	0.6	5B0	

SUMMARY DIAMOND DRILL HOLE LOG
EA81X02

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
337.5	337.7	0.2	5B0	gouge
337.7	339.5	1.8	5B0	
339.5	339.7	0.2	5D35	
339.7	343.9	4.2	5B0	
343.9	355.6	11.7	5B6	
355.6	357.9	2.3	5B0	
357.9	367.6	9.7	5B6	
367.6	369.6	2.0	5B0	
367.6	370.2	2.6	5B0	gouge
370.2	372.5	2.3	5B0	
372.5	374.0	1.5	5B6	
374.0	381.8	7.8	5B0	
389.3	396.6	7.3	5B0	
369.6	370.2	0.6	5B0	
370.2	372.5	2.3	5B0	
372.5	374.0	1.5	5B6	
374.0	381.8	7.8	5B9	
381.8	389.3	7.5	5B73	
389.3	396.9	7.6	5B01	
396.9	403.6	6.7	5B0	
403.6	403.8	0.2	5B01	gouge
403.8	408.7	4.9	5B01	
408.7	410.0	1.3	5B6	
410.0	411.0	1.0	5B19	->4L19
411.0	411.8	0.8	5B6	
411.8	419.4	7.6	5B0	
419.4	419.9	0.5	5D3	
419.9	420.9	1.0	5B0	
420.9	423.8	2.9	5B6	
423.8	425.4	1.6	5B0	
425.4	429.1	3.7	5D3	
429.1	429.5	0.4	5B0	
429.5	429.7	0.2	5D0	
429.7	430.3	0.6	5B6	
430.3	431.0	0.7	5D0	
431.0	432.2	1.2	5B6	
432.2	435.3	3.1	5B0	
435.3	439.9	4.6	5B0	

SUMMARY DIAMOND DRILL HOLE LOG
EA81X02

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
439.9	440.7	0.8	5B23	gouge
440.7	444.6	3.9	5B0	
444.6	445.0	0.4	5B23	
445.0	450.0	5.0	5B0	
450.0	450.3	0.3	5D3	
450.3	457.8	7.5	5B0	
457.8	472.2	14.4	5B0	
472.2	473.9	1.7	5D3	
473.9	475.1	1.2	5B0	
475.1	484.4	9.3	5B6	
484.4	484.8	0.4	5B0	
484.8	486.7	1.9	5B6	
486.7	487.1	0.4	5A0	->5B26
487.1	487.6	0.5	5B6	
487.6	488.2	0.6	4L7	
488.2	488.9	0.7	4L73	
488.9	490.2	1.3	4L6	
490.2	490.6	0.4	4G0	
490.6	491.2	0.6	4DK6	
491.2	491.6	0.4	4C70	
491.6	492.1	0.5	4C57	->4A
492.1	492.9	0.8	4A0	
492.9	493.4	0.5	4C0	->4B0 [4L12]
493.4	494.1	0.7	4A0	
494.1	497.9	3.8	4C07	
497.9	500.0	2.1	4L32	
500.0	500.3	0.3	4A7	->5A19
500.3	500.8	0.5	4L16	
500.8	501.7	0.9	4L37	
501.7	502.3	0.6	4L61	
502.3	502.4	0.1	5B21	->5B216
502.4	502.5	0.1	5B26	gouge
502.5	506.9	4.4	5B26	
506.9	507.4	0.5	4L1	
507.4	507.7	0.3	4L1	gouge
507.7	511.7	4.0	4L7	->4L73
511.7	513.2	1.5	4L1	
513.2	513.7	0.5	4L3	

SUMMARY DIAMOND DRILL HOLE LOG
EA81X02

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
513.7	518.5	4.8	4C7	
518.5	519.2	0.7	5B6	
519.2	519.5	0.3	5B26	
519.5	520.6	1.1	5B6	
520.6	521.5	0.9	5B12	->4L16
521.5	525.1	3.6	4L7	
525.1	526.5	1.4	4L17	
526.5	529.4	2.9	4L7	
529.4	529.8	0.4	4L7	
529.8	541.8	12.0	4L7	->4L3
541.8	552.6	10.8	4L17	
552.6	558.2	5.6	4L7	
558.2	562.5	4.3	4L17	
562.5	568.6	6.1	4L7	
568.6	571.8	3.2	4L6	
571.8	571.9	0.1	4L3	gouge
571.9	573.3	1.4	4L7	
573.3	574.8	1.5	4L14	->4L1427
574.8	580.3	5.5	4L16	->4L1627
580.3	588.2	7.9	4L16	->4L1672
588.2	588.6	0.4	5B26	
588.6	590.4	1.8	4L7	
590.4	590.9	0.5	4G1	
590.9	591.9	1.0	4L62	->5D9
591.9	592.7	0.8	4L0	
592.7	592.9	0.2	4E1	
592.9	593.5	0.6	4G4	
593.5	593.7	0.2	4C0	
593.7	594.2	0.5	4L0	
594.2	594.6	0.4	4L1	
594.6	595.0	0.4	5A1	
595.0	597.3	2.3	4L0	
597.3	598.6	1.3	5B23	
598.6	601.0	2.4	5B6	
601.0	601.9	0.9	4L0	
601.9	604.4	2.5	4L7	
604.4	605.4	1.0	4E4	
605.4	607.4	2.0	4L7	

SUMMARY DIAMOND DRILL HOLE LOG
EA81X02

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
607.4	607.8	0.4	4E41	
607.8	608.0	0.2	4L1	
608.0	609.3	1.3	4L0	
609.3	609.6	0.3	4H1	
609.6	612.8	3.2	4L0	
612.8	614.0	1.2	5A1	
614.0	614.4	0.4	5A1	gouge
614.4	615.2	0.8	5B6	
615.2	615.7	0.5	5B26	
615.7	615.9	0.2	5B41	
615.9	617.8	1.9	5B26	
617.8	619.1	1.3	5B6	
619.1	620.3	1.2	4L1	
620.3	621.9	1.6	5B6	
621.9	624.7	2.8	5B26	
624.7	626.4	1.7	4L17	
626.4	627.5	1.1	5B6	
627.5	636.6	9.1	4L1	
636.6	637.1	0.5	5B6	
637.1	637.9	0.8	4L0	
637.9	646.1	8.2	5B6	
646.1	647.4	1.3	4L7	
647.4	655.2	7.8	5B6	
655.2	655.3	0.1	5B6	gouge
655.3	661.0	5.7	5B6	
661.0	662.4	1.4	5B0	gouge and broken core
662.4	662.8	0.4	5B1	
662.8	664.0	1.2	5C1	
664.0	664.5	0.5	10D39	
664.5	672.3	7.8	5B1	
672.3	674.2	1.9	10D39	[10EF]
674.2	674.6	0.4	10D39	[10EF]
674.6	675.0	0.4	10D39	[10EF]
675.0	682.2	7.2	5A*	
682.2	683.4	1.2	3G9	
683.4	684.9	1.5	3G93	
684.9	705.2	20.3	3G0	
705.2	735.4	30.2	3G18	

SUMMARY DIAMOND DRILL HOLE LOG
EA81X02

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
735.4	741.0	5.6	3G1	
741.0	741.5	0.5	3C1	
741.5	743.4	1.9	3G1	
743.4	744.2	0.8	3D1	
744.2	744.3	0.1	4H1	
744.3	745.3	1.0	3D	
745.3	758.0	12.7	3F0	
758.0	771.7	13.7	3D	
771.7	771.9	0.2	3F0	
771.9	776.5	4.6	3D	
776.5	782.4	5.9	3D	
782.4	784.5	2.1	3D	
784.5	802.5	18.0	3G18	
802.5	828.1	25.6	3G18	

Orientation: Vertical Hole
Source: Modified from original 1981 log by G. Jilson 1992
Assays: See following sheet

Drill Hole: EA81X02 Section:
Northing: 900514.1 Easting: 597734.1 Elevation: 1026.7
Length: 828.1 Core: DDH Record: 55

ASSAYS

Sample #	---Depths--- From	To	Int m	Rec %	Rock Unit	Rock Code	Pulp S.G.	Pb+Zn %	Pb %	Zn %	Ag g/t	Au g/t
0	.0	488.2	488.2		WASTE							
1969	488.2	488.9	.7		4L73			.42	.23	.19	4.0	
0	488.9	490.2	1.3		WASTE							
1970	490.2	490.6	.4		4G0			11.30	4.20	7.10	58.0	
1971	490.6	491.2	.6		4DK6			11.30	4.30	7.00	49.0	
1972	491.2	492.1	.9		4C75			5.32	3.30	2.02	30.0	
1973	492.1	492.9	.8		4A0			5.50	3.20	2.30	29.0	
1974	492.9	493.4	.5		4C0			.19	.15	.04	32.0	
1975	493.4	494.1	.7		4A0			.84	.41	.43	13.0	
1976	494.1	496.1	2.0		4C07			.79	.28	.51	9.0	
1977	496.1	497.9	1.8		4C07			1.58	.35	1.23	7.0	
1978	497.9	500.0	2.1		4L32			1.33	.23	1.10	6.0	
1979	500.0	500.3	.3		4A7			.63	.24	.39	8.0	
0	500.3	513.7	13.4		WASTE							
1980	513.7	515.7	2.0		4C7			1.39	.98	.41	19.0	
1981	515.7	517.7	2.0		4C7			.09	.03	.06	5.0	
1982	517.7	518.5	.8		4C7			.33	.09	.24	7.0	
0	518.5	521.5	3.0		WASTE							
1983	521.5	523.5	2.0		4L7			.62	.19	.43	5.0	
1984	523.5	525.1	1.6		4L7			.13	.07	.06	4.0	
0	525.1	562.5	37.4		WASTE							
1985	562.5	564.5	2.0		4L7			.05	.02	.03	6.0	
1986	564.5	566.5	2.0		4L7			.03	.01	.02	4.0	
1987	566.5	568.6	2.1		4L7			.05	.04	.01	4.0	
0	568.6	573.3	4.7		WASTE							
1997	573.3	574.8	1.5		4L24			1.73	.38	1.35	8.0	
1988	574.8	576.8	2.0		4L16			.19	.05	.14	4.0	
1989	576.8	578.8	2.0		4L16			.25	.08	.17	3.0	
1990	578.8	580.3	1.5		4L16			1.36	.63	.73	14.0	
0	580.3	590.4	10.1		WASTE							
1991	590.4	590.9	.5		4G1			9.20	4.60	4.60	36.0	
0	590.9	592.7	1.8		WASTE							
1992	592.7	592.9	.2		4E1			2.95	2.50	.45	29.0	
1993	592.9	593.5	.6		4G4			19.70	9.40	10.30	125.0	
1994	593.5	593.7	.2		4C0			1.93	.78	1.15	18.0	
0	593.7	604.4	10.7		WASTE							
1995	604.4	605.4	1.0		4E4			19.10	8.90	10.20	146.0	
0	605.4	607.4	2.0		WASTE							
1996	607.4	607.8	.4		4E41			19.50	8.60	10.90	150.0	
0	607.8	828.1	220.3		WASTE							

SUMMARY DIAMOND DRILL HOLE LOG
EA81X03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	30.5	30.5	11	OVERBURDEN
30.5	34.1	3.6	5B6	
34.1	43.9	9.8	5B0	(5E0)
43.9	45.0	1.1	5B6	
45.0	46.6	1.6	5B6	
46.6	47.5	0.9	5B6	
47.5	52.8	5.3	5B0	
52.8	53.5	0.7	5D0	
53.5	54.9	1.4	5B0	
54.9	58.5	3.6	5B6	
58.5	59.3	0.8	5B6	
59.3	62.7	3.4	5B0	
62.7	64.2	1.5	5E5	(5B0) (5E$)
64.2	65.7	1.5	5D0	
65.7	66.8	1.1	5D6	
66.8	87.6	20.8	5B6	(5B0)
87.6	88.6	1.0	5B6	gouge
88.6	91.6	3.0	5B6	
91.6	97.1	5.5	5B0	
97.1	98.5	1.4	5B0	
98.5	114.2	15.7	5B0	
114.2	115.4	1.2	5E5	(5B0) ->5E5
115.4	118.0	2.6	5B83	
118.0	123.2	5.2	5D35	(5E5)
123.2	123.9	0.7	5C3	
123.9	138.1	14.2	5D35	
139.1	140.0	0.9	5C3	
140.0	141.7	1.7	5D35	
141.7	143.9	2.2	5C3	
143.9	155.2	11.3	5C3	
155.2	158.9	3.7	5C0	
158.9	169.9	11.0	5C3	
169.9	176.0	6.1	5C0	
176.0	183.8	7.8	5C3	
183.8	184.3	0.5	5C3	gouge
184.3	191.8	7.5	5C83	
193.1	194.0	0.9	5C86	fault?
194.0	201.6	7.6	5D3	

SUMMARY DIAMOND DRILL HOLE LOG
EA81X03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
201.6	205.7	4.1	5B0	
205.7	206.2	0.5	5B0	fault?
206.2	216.4	10.2	5B0	
216.4	216.7	0.3	5B0	gouge
216.7	228.1	11.4	5B0	
228.1	231.2	3.1	5B6	
231.2	253.3	22.1	5B0	
253.3	255.1	1.8	5B0	gouge
255.1	263.9	8.8	5B0	
263.9	268.1	4.2	5B0	gouge
268.1	269.7	1.6	5B83	
269.7	271.3	1.6	10Q0	
271.3	310.1	38.8	5B0	
310.1	310.6	0.5	5B0	
310.6	340.3	29.7	5B0	
340.3	344.8	4.5	5B83	
344.8	362.4	17.6	5B0	
362.4	363.9	1.5	5B6	
363.9	369.5	5.6	5B0	
369.5	370.0	0.5	5B0	GOUGE
370.0	372.2	2.2	5B0	
372.2	375.2	3.0	5B6	
375.2	380.9	5.7	5B0	
380.9	386.3	5.4	5B6	
386.3	390.0	3.7	5B0	
390.0	393.2	3.2	5B6	
393.2	395.7	2.5	5B6	
395.7	396.2	0.5	5B6	
396.2	397.9	1.7	5B6	
397.9	404.8	6.9	5B6	
404.8	409.3	4.5	5B0	
409.3	413.6	4.3	5B6	
413.6	415.9	2.3	5B0	
415.9	416.9	1.0	5B6	
416.9	420.9	4.0	5B0	
420.9	425.8	4.9	5B6	
425.8	427.2	1.4	5B0	
427.2	430.1	2.9	5B6	

SUMMARY DIAMOND DRILL HOLE LOG
EA81X03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
430.1	435.8	5.7	5B0	
435.8	437.4	1.6	5B6	
437.4	440.6	3.2	5B0	
440.6	446.3	5.7	5B6	
446.3	448.0	1.7	5B0	
448.0	448.2	0.2	5B0	gouge
448.2	449.1	0.9	5B0	
449.1	452.3	3.2	5B6	
452.3	456.4	4.1	5B6	
456.4	457.2	0.8	5B0	
457.2	459.1	1.9	5B6	
459.1	467.1	8.0	5B0	
467.1	473.0	5.9	5B6	
473.0	486.4	13.4	5B0	
486.4	489.6	3.2	5B6	gouge
489.6	495.1	5.5	5B6	
495.1	497.0	1.9	5B0	
497.0	502.0	5.0	5B6	
502.0	506.5	4.5	5B0	
506.5	508.1	1.6	5B6	
508.1	508.4	0.3	5B6	gouge
508.4	511.2	2.8	5B6	
511.2	518.6	7.4	5B0	
518.6	520.1	1.5	5B6	
520.1	522.5	2.4	5B0	
522.5	535.3	12.8	5B6	
535.3	536.5	1.2	5B0	gouge
536.5	537.0	0.5	5B6	
537.0	539.3	2.3	5B0	gouge
539.3	539.8	0.5	5B0	
539.8	540.7	0.9	5B0	
540.7	544.4	3.7	5B0	
544.4	545.1	0.7	5B0	
545.1	556.4	11.3	5B6	
556.4	604.6	48.2	5B0	
604.6	605.3	0.7	5B0	
605.3	621.9	16.6	5B0	
621.9	623.7	1.8	5B6	

SUMMARY DIAMOND DRILL HOLE LOG
EA81X03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
623.7	628.6	4.9	5B0	
628.6	628.8	0.2	5B0	
628.8	640.8	12.0	5B0	
640.8	641.0	0.2	5B0	
641.0	662.2	21.2	5B0	(5B73)
662.2	666.4	4.2	5B73	
666.4	671.4	5.0	5B0	
671.4	673.4	2.0	5B0	
673.4	687.2	13.8	5B0	
687.2	691.1	3.9	5B73	
691.1	691.8	0.7	5B26	
691.8	695.4	3.6	5B0	
695.4	695.5	0.1	5B0	gouge
695.5	699.4	3.9	5B0	
699.4	702.4	3.0	5B0	
702.4	704.0	1.6	5B73	
704.0	704.4	0.4	5D3	
704.4	705.6	1.2	5D3	(5B73)
705.6	707.0	1.4	5D3	[5C3]
707.0	707.4	0.4	5D3	
707.4	708.0	0.6	5B0	
708.0	709.5	1.5	5D3	
709.5	710.1	0.6	5B27	->5B273 ->5A3
710.1	713.8	3.7	5B23	
713.8	715.3	1.5	5C3	
715.3	716.4	1.1	5C3	
716.4	716.7	0.3	5D3	
716.7	718.6	1.9	5C3	
718.6	719.6	1.0	5D3	
719.6	724.1	4.5	5C3	gouge
724.1	724.7	0.6	5C3	
724.1	724.7	0.6	5C3	
724.7	726.9	2.2	5A19	
726.9	728.7	1.8	5B21	->5B2173
728.7	733.4	4.7	5B6	
733.4	733.9	0.5	5D3	
733.9	734.6	0.7	5B23	
734.6	735.1	0.5	5D3	

SUMMARY DIAMOND DRILL HOLE LOG
EA81X03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
735.1	736.5	1.4	5B0	
736.5	738.3	1.8	5B21	->5B213
738.3	739.9	1.6	5A13	
739.9	740.8	0.9	10D29	
740.8	748.9	8.1	10D27	->10D278
748.9	749.9	1.0	10D27	
749.9	752.5	2.6	10D29	->10D297
752.5	777.5	25.0	10D27	
777.5	778.4	0.9	10D79	
778.4	781.0	2.6	10D9	
781.0	783.1	2.1	10D27	->10D279
783.1	806.3	23.2	10D27	
806.3	807.9	1.6	10D29	
807.9	811.3	3.4	10D2	
813.4	814.9	1.5	10D29	
814.9	816.2	1.3	10D2	
816.2	817.7	1.5	10D27	
817.7	818.2	0.5	5A0	gouge
818.2	837.3	19.1	10D27	
837.3	840.8	3.5	10D27	
840.8	841.0	0.2	10D29	
841.0	841.2	0.2	10D29	
841.2	841.6	0.4	10D29	gouge
841.6	853.5	11.9	10D27	
853.5	853.6	0.1	10D29	
853.6	856.4	2.8	5A6	
856.4	874.3	17.9	5B6	
874.3	879.7	5.4	5B23	
879.7	879.8	0.1	5B26	gouge
879.8	881.0	1.2	5B26	
881.0	884.0	3.0	5B6	
884.0	884.4	0.4	5B6	gouge
884.4	889.1	4.7	5B23	
889.1	892.3	3.2	5B0	
892.3	893.6	1.3	5B26	
893.6	894.6	1.0	5B23	
894.6	902.3	7.7	5B0	
902.3	906.5	4.2	5B6	

SUMMARY DIAMOND DRILL HOLE LOG
EA81X03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
906.5	906.6	0.1	4H4	
906.6	908.9	2.3	4L79	
908.9	916.0	7.1	5B6	
916.0	916.1	0.1	5B6	gouge
916.1	916.8	0.7	5B6	
916.8	917.9	1.1	5B6	gouge
917.9	919.5	1.6	5B6	
919.5	920.0	0.5	4L7	
920.0	920.9	0.9	4E86	
920.9	922.1	1.2	4C7	
922.1	923.2	1.1	5B26	
923.2	923.3	0.1	4E81	
923.3	927.8	4.5	4A0	
927.8	930.7	2.9	5B6	
930.7	931.3	0.6	5B26	
931.3	931.7	0.4	4E86	
931.7	932.2	0.5	4G8	
932.2	936.9	4.7	4A0	
936.9	937.9	1.0	4L12	(4C0)
937.9	938.8	0.9	5A1	
938.8	939.3	0.5	4AO	
939.3	941.0	1.7	4L0	
941.0	941.7	0.7	4L17	(4C7)
941.7	943.2	1.5	4L7	
943.2	943.4	0.2	4L7	gouge
943.4	950.9	7.5	4L7	
950.9	951.2	0.3	4C5	
951.2	951.4	0.2	5B21	->5B216
951.4	951.7	0.3	4L0	
951.7	953.2	1.5	5A1	->4A
953.2	953.7	0.5	4C0	
953.7	954.3	0.6	4C57	
954.3	956.7	2.4	4A0	
957.5	958.2	0.7	4A0	
958.2	961.8	3.6	4G8*	->4G48
961.8	964.7	2.9	4C8	->4E18
964.7	965.4	0.7	4E8	
965.4	966.2	0.8	4G8*	

SUMMARY DIAMOND DRILL HOLE LOG
EA81X03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
966.2	966.7	0.5	4L1	
966.7	968.4	1.7	4G8*	
968.4	969.3	0.9	4E8	
969.3	973.6	4.3	4G8*	
973.6	976.3	2.7	4K68	
976.3	977.5	1.2	4A0	
977.5	977.8	0.3	5A0	
977.8	978.3	0.5	4E0	
978.3	978.8	0.5	5A1	
978.8	982.9	4.1	5A0	
982.9	985.0	2.1	5B26	
985.0	997.0	12.0	5B6	->5B26
997.0	1013.5	16.5	5A0	
1013.5	1047.6	34.1	3G0	

Orientation: Vertical Hole
Source: Original log
Assays: See following sheet

Drill Hole: EA81X03 Section:
Northing: 900365.6 Easting: 597073.5 Elevation: 1104.6
Length: 1047.5 Core: DDH Record: 56

ASSAYS

Sample #	---Depths--- From	To	Int m	Rec %	Rock Unit	Rock Code	Pulp S.G.	Pb+Zn %	Pb %	Zn %	Ag g/t	Au g/t
0	.0	906.5	906.5		WASTE							
2403	906.5	908.5	2.0		4L79			4.19	2.73	1.46	44.0	
0	908.5	919.5	11.0		WASTE							
2404	919.5	920.0	.5		4L7			3.34	1.70	1.64	32.0	
2405	920.0	920.9	.9		4E86			5.23	3.56	1.67	59.0	
2406	920.9	922.1	1.2		4C7			4.79	2.90	1.89	46.0	
0	922.1	923.2	1.1		WASTE							
2407	923.2	925.2	2.0		4A0			1.77	1.06	.71	20.0	
2408	925.2	927.0	1.8		4A0			2.14	.85	1.29	17.0	
2409	927.0	927.8	.8		4A0			.52	.37	.15	11.0	
0	927.8	931.3	3.5		WASTE							
2410	931.3	931.7	.4		4E86			.66	.51	.15	32.0	
2411	931.7	932.2	.5		4G8			1.57	.92	.65	26.0	
2412	932.2	934.2	2.0		4A0			.78	.52	.26	12.0	
2413	934.2	936.2	2.0		4A0			.37	.32	.05	9.0	
2414	936.2	936.9	.7		4A0			.29	.27	.02	8.0	
2415	936.9	937.9	1.0		4L12			.67	.18	.49	13.0	
0	937.9	941.0	3.1		WASTE							
2416	941.0	941.7	.7		4L17			.23	.07	.16	6.0	
2417	941.7	943.7	2.0		4L7			.05	.02	.03	4.0	
2418	943.7	945.7	2.0		4L7			.06	.03	.03	2.0	
2419	945.7	947.7	2.0		4L7			.04	.02	.02	2.0	
2420	947.7	949.7	2.0		4L7			.07	.03	.04	1.0	
2421	949.7	950.9	1.2		4L7			.03	.01	.02	1.0	
2422	950.9	951.2	.3		4C5			.14	.06	.08	8.0	
0	951.2	953.2	2.0		WASTE							
2423	953.2	954.3	1.1		4C57			1.45	.77	.68	13.0	
2424	954.3	956.7	2.4		4A0			2.07	1.03	1.04	20.0	
2425	956.7	957.5	.8		4A4			6.95	2.92	4.03	54.0	
2426	957.5	958.2	.7		4A0			.71	.29	.42	9.0	
2427	958.2	960.2	2.0		4G*			4.17	2.17	2.00	51.0	
2428	960.2	961.8	1.6		4G*			1.32	.91	.41	32.0	
2429	961.8	963.8	2.0		4C8			.39	.27	.12	20.0	
2430	963.8	964.7	.9		4C8			2.06	1.15	.91	30.0	
2431	964.7	965.4	.7		4E8			4.13	2.55	1.58	41.0	
2432	965.4	966.2	.8		4G8*			7.98	4.70	3.28	55.0	
2433	966.2	966.7	.5		4L1			.52	.22	.30	8.0	
2434	966.7	968.4	1.7		4G8*			.25	.18	.07	20.0	
2435	968.4	969.3	.9		4E8			.38	.25	.13	30.0	
2436	969.3	971.3	2.0		4G8*			5.25	3.38	1.87	49.0	
2437	971.3	973.3	2.0		4G8*			6.49	3.28	3.21	46.0	
2438	973.3	973.6	.3		4G8*			4.44	2.08	2.36	35.0	
2439	973.6	975.6	2.0		4K68			.82	.55	.27	22.0	
2440	975.6	976.3	.7		4K68			3.09	1.75	1.34	37.0	

2441	976.3	977.8	1.5	4AO	4.54	1.47	3.07	26.0
2442	977.8	978.3	.5	4EO	.24	.10	.14	14.0
0	978.3	1047.5	69.2	WASTE				

SUMMARY DIAMOND DRILL HOLE LOG
90DY06

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	12.2	12.2	11A	CASING: GLACIAL OVERBURDEN
12.2	13.4	1.2	10Q	
13.4	26.0	12.6	5B0	(5B02) 80:20
26.0	26.6	0.6	10Q	(5B02) 80:20
26.6	29.0	2.4	5B0	(5B20;5B1) 60:30:10
29.0	29.4	0.4	5F0	
29.4	35.8	6.4	5B0	(5B0->5F0) 80:20
35.8	38.5	2.7	5F0	
38.5	40.5	2.0	5C0	
40.5	46.5	6.0	5F0	->5D0 (5F01) 90:10
46.5	47.0	0.5	5B0	
47.0	54.8	7.8	5C0	
54.8	57.0	2.2	5C04	FAULT ZONE
57.0	57.3	0.3	5C0	
57.3	59.2	1.9	5C01	->5F0
59.2	71.0	11.8	5F0	->5D0 (5F01;5C0) 80:15:5
71.0	85.1	14.1	5C0	&$ (5C04) 80:20
85.1	88.2	3.1	5C4	
88.2	107.5	19.3	5C0	(5C08;5C06) 50:20:30
107.5	111.7	4.2	5C6	PYROXENITE (MAGNETIC)
111.7	114.0	2.3	5C0	(5C08) 60:40
114.0	128.9	14.9	5F0	(5F01) 90:10
128.9	149.4	20.5	5B0	(5B02;5F0->5D0) 60:35:5
149.4	150.4	1.0	10Q	(5B02;5F0) 50:40:10
150.4	154.8	4.4	5B0$	(5B02) 90:10
154.8	160.0	5.2	5B0	(10Q) 75:25
160.0	166.5	6.5	5B0	(5B02) 85:15
166.5	167.0	0.5	10Q	(5B02;5F0) 70:25:5
167.0	184.7	17.7	5B0	(5F0) 98:2
184.7	186.7	2.0	5B02	(5F0) 95:5
186.7	207.6	20.9	5B0	(5B6;5F0;10Q$) 60:30:5:5
207.6	208.2	0.6	5B62	(5B02) 80:20
208.2	226.7	18.5	5B0	(10Q) 99:1
226.7	228.5	1.8	5B0	(10Q) 70:30
228.5	229.8	1.3	5B0	
229.8	235.9	6.1	5B6	(10Q;5B6->5F6) 85:14:1
235.9	236.6	0.7	5B0	(10Q;5F0) 90:9:1
236.6	239.0	2.4	5B6	

SUMMARY DIAMOND DRILL HOLE LOG
90DY06

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
239.0	241.0	2.0	5B0	(10Q$;5B20;5F0) 70:15:10:5
241.0	246.1	5.1	5B02	(5B0;10Q$) 60:30:10
246.1	254.0	7.9	5B6	(10Q) 80:20
254.0	254.5	0.5	10Q	
254.5	256.4	1.9	5B6	
256.4	257.3	0.9	5B7	FAULTED
257.3	263.4	6.1	5B0	(10Q$;5B0=>5F0) 80:15:5
263.4	268.3	4.9	5B0	(5F0) 80:20
268.3	273.0	4.7	5B6	(10Q$;5B7B) 70:25:5
273.0	274.6	1.6	5B0	(5B02) 90:10
274.6	275.0	0.4	5C8	
275.0	283.5	8.5	5B09	(10Q$;5B02) 70:27:3
283.5	287.9	4.4	5B0	(10Q*) 95:5
287.9	292.5	4.6	5B09	(10Q*) 95:5
292.5	294.7	2.2	5B0	(10Q$) 90:10
294.7	297.2	2.5	5B09	(5B02) 90:10
297.2	299.4	2.2	5B09	
299.4	299.9	0.5	10Q*	
299.9	304.3	4.4	5B09	
304.3	308.1	3.8	5B0	
308.1	308.5	0.4	10Q*	
308.5	310.6	2.1	5B09	(5B02) 70:30
310.6	320.2	9.6	5B0	(5B02;10Q) 90:5:5
320.2	327.0	6.8	5B0	(5B02;5B20) 90:5:5
327.0	337.0	10.0	5B09	(5B02) 90:10
337.0	341.9	4.9	5B0	(5B02) 95:5
341.9	343.3	1.4	5B0	10Q*) 70:30
343.3	346.8	3.5	5B02	(10Q*) 90:10 FAULTED
346.8	347.5	0.7	10Q*@	
347.5	365.7	18.2	5B09	(5B02;10Q*) 80:10:10
365.7	366.0	0.3	5F0	
366.0	367.4	1.4	5B02	
367.4	367.7	0.3	5C08	
367.7	378.5	10.8	5B02	(5B0;5B20;10Q#) 60:10:10:10
378.5	378.9	0.4	10Q*	
378.9	390.8	11.9	5B02	(10Q#;5B20) 80:15:5
390.8	394.4	3.6	5B0	&20
394.4	398.1	3.7	5C0	

SUMMARY DIAMOND DRILL HOLE LOG
90DY06

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
398.1	407.6	9.5	5B02	(10Q#) 95:5
407.6	408.4	0.8	5C8	
408.4	415.8	7.4	5B02	(10Q#;5F0) 80:18:2
415.8	419.4	3.6	5B26	(5B20) 85:15 FAULTED
419.4	432.8	13.4	5B0	(5B02) 90:10
432.8	457.2	24.4	5B02	(10Q#;5F0) 85:14:1

Orientation: Vertical Hole
Source: Original Logs
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90DY07

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	8.4	8.4	11A	CASING: GLACIAL OVERBURDEN
8.4	10.2	1.8	5B0	(10Q#) 90:10
10.2	14.4	4.2	5B0	
14.4	17.0	2.6	5B02	
17.0	21.0	4.0	5B0	(5B02) 80:20
21.0	29.7	8.7	5B6	(10Q#) 90:10
29.7	34.2	4.5	5B0	(10Q*;5B20) 95:04:01
34.2	38.8	4.6	5B6	(10Q#) 95:05
38.8	43.4	4.6	5B0	(10Q#) 85:15
43.4	45.2	1.8	5B02	(10Q#) 95:05
45.2	46.7	1.5	5B6	(10Q#) 80:20
46.7	47.3	0.6	5B0	
47.3	52.3	5.0	5B0	(10Q#:5B02) 75:20:05
52.3	54.4	2.1	5B02	
54.4	57.1	2.7	10Q#	(5B02) 80:20
57.1	58.7	1.6	5B0	
58.7	59.8	1.1	5B02	
59.8	62.2	2.4	5B02	(10Q#) 80:20
62.2	96.8	34.6	5B0	(5B02:10Q#:5B20) 80:10:08:02
96.8	97.3	0.5	5B0	BLOCKY TO FRIABLE BROKEN CORE
97.3	103.0	5.7	5B6	(5B62) 90:10
103.0	108.5	5.5	5B0	(10Q#) 95:05
108.5	109.6	1.1	5B6	(10Q#) 80:20
109.6	121.2	11.6	5B0	(10Q#:5B02) 98:02:02
121.5	124.2	2.7	5B6	(10Q#) 90:10
124.2	130.0	5.8	5B0	
130.0	132.9	2.9	5B62	(10Q#S) 70:30
132.9	137.9	5.0	5B6	(5B62:10Q#) 90:06:04
137.9	145.3	7.4	5B0	(10Q#) 98:02
145.3	149.3	4.0	5B6	(5B62:10Q$#) 70:20:10
149.3	150.6	1.3	5B02	(10Q$#) 60:40
150.6	152.4	1.8	5B0	(10Q#) 98:02
152.4	152.8	0.4	5B02	
152.8	155.0	2.2	5B6$	(10Q#) 90:10
155.0	159.2	4.2	5B0	
159.2	160.1	0.9	5B02	
160.1	164.1	4.0	5B0	
164.1	165.2	1.1	5B02	(10Q#) 70:30

SUMMARY DIAMOND DRILL HOLE LOG
90DY07

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
165.2	173.5	8.3	5B6$	(5B0) 95:05
173.5	175.5	2.0	5B0	(5B02) 98:02
175.5	176.4	0.9	5B02	
176.4	176.7	0.3	5B20	
176.7	201.4	24.7	5B0	(10Q#&$) 90:10
201.4	208.2	6.8	5B6$	(10Q$) 97:03
208.2	209.9	1.7	5B02	&5B0
209.9	212.0	2.1	5B62	(10Q$) 60:40
212.0	215.3	3.3	5B6$	(10Q$) 70:30
215.3	218.4	3.1	5B6$	(10Q#) 95:05
218.4	222.4	4.0	5B0	(5B02:10Q#) 99:01:TRACE
222.4	223.3	0.9	5B0	
223.3	227.7	4.4	5B6$	(10Q$) 95:05
227.7	229.5	1.8	5B0	(10Q#) 96:04
229.5	232.9	3.4	5B6$	(10Q:5B26) 90:05:01
232.9	235.8	2.9	5B0	(10Q$) 90:10
235.8	237.7	1.9	5B6$	
237.7	239.1	1.4	5B6$	
239.1	243.9	4.8	5B6$	
243.9	244.7	0.8	5B62	(10Q) 90:10
244.7	249.1	4.4	5B6	(10Q$) 70:30
249.1	252.0	2.9	5B0	
252.0	254.1	2.1	5B6	&$
254.1	265.1	11.0	5B0	(10Q#) 99:01
265.1	265.6	0.5	5B6	&$
265.6	266.3	0.7	10Q$	
266.3	275.3	9.0	5B6	&$ (10Q$:5B62:10Q#$) 80:10:08:02
275.3	276.5	1.2	5B0	
276.5	286.3	9.8	5B6	&$ (10Q$:5B62:10Q#$) 80:10:08:02
286.3	286.8	0.5	5C6	(5B86) 65:35
286.8	290.1	3.3	5B6	(5B62) 95:05
290.1	290.4	0.3	5B6	GOUGE
290.4	299.5	9.1	5B6	(10Q#$:5B62) 85:14:01
299.5	305.9	6.4	5B0	(10Q#) 95:05
305.9	308.9	3.0	5B6	(5B62) 90:10
308.9	311.3	2.4	5B0	(10Q#) 96:04
311.3	312.6	1.3	5B02	
312.6	335.3	22.7	5B0	(10Q#:5B02) 80:10:10

SUMMARY DIAMOND DRILL HOLE LOG
90DY07

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
335.3	335.7	0.4	5B0	
335.7	346.5	10.8	5B0	(5B02) 85:15
346.5	364.2	17.7	5B0	(5B02:10Q#) 98:02:TRACE
364.2	367.3	3.1	5B0	->5F0 (10Q#) 99:10
367.3	372.1	4.8	5B0	->5F0 (5B02) 70:30
372.1	374.8	2.7	5B02	(10Q#) 95:05
374.8	377.5	2.7	5B6	(5B62) 09:10
377.5	379.7	2.2	5B62$	SHEAR
379.7	380.4	0.7	5A*	(?)
380.4	381.8	1.4	4L0	$(5A0) 70:30 FAULT
381.8	384.7	2.9	4L0	$4 &FAULT (10Q$@4) 90:10
384.7	385.1	0.4	4K@$	4
385.1	387.2	2.1	4L0$	4 (4D4) 95:05
387.2	388.4	1.2	4L04$	# FAULT (4E0) 90:10
388.4	390.1	1.7	4E0$	(4LO$) 09:10
390.1	393.4	3.3	4EO	
393.4	407.1	13.7	4C0*	(4LO) 98:02
407.1	409.4	2.3	4L14	(5B61) 80:20
409.4	410.0	0.6	5A69	
410.0	410.7	0.7	5B219	(5A1) 50:50
410.7	413.0	2.3	5A19	
413.0	414.4	1.4	5A10	9 ->5B61 (5B6) 97:03
414.4	416.6	2.2	5B6	2
416.6	417.3	0.7	5B619	(5D0) 98:02
417.3	418.4	1.1	4C0	(4H4:4L0) 96:03:01
418.4	419.0	0.6	5B612	9
419.0	421.9	2.9	5B6	&1&FAULT (4L0:10Q$) 90:04:06
421.9	434.4	12.5	5B0	(5B01:5B02:5B07) 80:10:08:02
434.4	435.3	0.9	5B0	->5F0
435.3	435.4	0.1	5C0	&8
435.4	435.6	0.2	5F0	
435.6	439.4	3.8	5B0	(5E0:10Q#) 90:05:05
439.4	440.7	1.3	5B0	(5B02) 90:10
440.7	441.1	0.4	5F0	(5C0) 60:40
441.1	446.0	4.9	5B0	(5B02) 80:20
446.0	449.6	3.6	5B0	->5F0 (5B0) 60:40
449.6	453.8	4.2	5B0	->5F0
453.8	458.2	4.4	5B0	

SUMMARY DIAMOND DRILL HOLE LOG
90DY07

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
458.2	465.8	7.6	5B0	(5B02:5E0) 70:25:05
465.8	469.7	3.9	5B0	(5B02:5E0) 70:15:15
469.7	471.1	1.4	5B0	->5F0 (10Q#) 95:05
471.1	471.6	0.5	5E0	(10Q#) 80:20
471.6	472.8	1.2	5B02	(5B20) 90:10
472.8	507.4	34.6	5B0	(5B02:10Q#) 85:10:05
507.4	508.2	0.8	5B02	(5B0) 80:20
508.2	508.3	0.1	5E0	
508.3	521.2	12.9	5B0	(5B02:10Q#:5E0) 90:07:03:TRACE
521.2	521.5	0.3	5B0	->5F0
521.5	521.8	0.3	5C8	
521.8	522.0	0.2	5F0	
522.0	524.0	2.0	5B0	(5E0) 90:10
52.4	524.2	471.8	5B02	
524.2	531.0	6.8	5B0	
531.0	534.1	3.1	5F0	(5B02:5F0->5D0) 90:08:02
534.1	536.8	2.7	5C85	
536.8	537.0	0.2	5F0	
537.0	539.4	2.4	5B0	(5B0->5F0) 90:10
539.4	540.0	0.6	5C0	
540.0	543.5	3.5	5B0	(5B0->5F0:10Q#) 90:08:02
543.5	544.9	1.4	5B0	(10Q#) 97:03
544.9	555.9	11.0	5B0	(5B02:5B0->5F0:5E0) 60:30:05:05
555.9	557.0	1.1	5B02	->5B20
557.0	558.5	1.5	5B0	(5E0) 95:05
558.5	559.5	1.0	5B02	
559.5	560.5	1.0	5B0	
560.5	560.9	0.4	5E0	(5B0) 70:30
560.9	563.7	2.8	5B0	(5E0) 80:20
563.7	564.2	0.5	5B02	
564.2	565.5	1.3	5B2	
565.5	580.9	15.4	5B0	(5B02:5E0:5B2) 75:20:03:02
580.9	583.6	2.7	5B64	->4L0 (5DO:5B2) 95:04:02
583.6	584.2	0.6	5B2	(5B62) 60:40
584.2	584.6	0.4	5B60	FAULT
584.6	587.4	2.8	5B402	#->(4LO) 51:49
587.4	587.9	0.5	4A0	
587.9	589.0	1.1	5B6	4

SUMMARY DIAMOND DRILL HOLE LOG
90DY07

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
589.0	592.4	3.4	4A04	
592.4	594.2	1.8	4A0	4&#&1->5A0 (5DO#) 85:15
594.2	600.4	6.2	4A4	(5DO:4LO) 98:01:01
600.4	603.0	2.6	4L1	->5B61
603.0	603.9	0.9	4A4	(4E0:4H0) 70:20:10
603.9	605.3	1.4	5B6	BXA
605.3	606.3	1.0	5B62	(10Q$) 80:20
606.3	606.8	0.5	10G	MAGNETITE PYROXENITE
606.8	608.3	1.5	5B62	(10Q$) 96:04 BXA
608.3	608.5	0.2	10G8	
608.5	610.6	2.1	5A	
610.6	615.3	4.7	10G8	
615.3	616.8	1.5	5B6	
616.8	617.4	0.6	5B6	
617.4	620.8	3.4	5B62	(5B6) 95:05
620.8	622.7	1.9	5B6	(1OQ$&#) 85:15
622.7	624.2	1.5	5B62	
624.2	625.6	1.4	5B26	
625.6	627.0	1.4	10E2	
627.0	627.3	0.3	5B26	
627.3	627.9	0.6	10E2	
627.9	629.6	1.7	10F4	
629.6	634.2	4.6	10E84	->10F
634.2	637.7	3.5	5A*	
637.7	638.0	0.3	10E8	
638.0	639.0	1.0	5A*	
639.0	639.9	0.9	10E8	(5A*) 95:05
639.9	640.5	0.6	5A*	
640.5	641.6	1.1	10E8	(5A*) 90:10
641.6	644.0	2.4	3G9	5A? (368) 99:01
644.0	646.7	2.7	3G9	5A?
646.7	651.1	4.4	3G91	->5A*
651.1	673.5	22.4	3G0	(3G9:10Q$) 80:15:05
673.5	673.8	0.3	10Q	
673.8	678.4	4.6	3G0	(3G09:10Q$) 80:10:10
678.4	680.3	1.9	10Q$	
680.3	686.7	6.4	3G0	(10Q$) 90:10

SUMMARY DIAMOND DRILL HOLE LOG
90DY07

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS

Orientation: Vertical Hole
Source: Modified from Original Logs by G. Jilson 1992
Assays: See following sheet

Drill Hole: 90DY07 Section:
Northing: 900768.6 Easting: 597774.6 Elevation: 1034.2
Length: 686.7 Core: DDH Record: 65

ASSAYS

Sample #	---Depths--- From	To	Int m	Rec %	Rock Unit	Rock Code	Pulp S.G.	Pb+Zn %	Pb %	Zn %	Ag g/t	Au g/t
	.0	381.8	381.8		WASTE							
65139	381.8	383.4	1.6		4L0		2.76	.08	.07	.01	.1	.01
65140	383.4	384.7	1.3		4L0		2.79	.02	.01	.01	.1	.01
65141	384.7	385.1	.4		4K@$		2.76	.14	.06	.08	.1	.01
65142	385.1	387.2	2.1		4L0$		2.84	.02	.01	.01	.1	.02
65143	387.2	388.4	1.2		4L0$		3.08	1.65	.76	.89	10.1	.19
65144	388.4	390.1	1.7		4E0$		3.58	.41	.33	.08	12.9	.30
65145	390.1	391.7	1.6		4E0		4.04	.50	.32	.18	11.4	.53
65146	391.7	393.4	1.7		4E0		3.83	.04	.03	.01	9.9	.41
65147	393.4	394.9	1.5		4C0		3.41	.13	.07	.06	5.7	.25
65148	394.9	396.6	1.7		4C0		3.24	.17	.14	.03	6.0	.22
65149	396.6	398.6	2.0		4C0		4.05	1.06	.87	.19	12.1	.19
65150	398.6	400.6	2.0		4C0		3.21	.64	.46	.18	7.3	.16
65151	400.6	401.6	1.0		4C0		3.44	.23	.16	.07	9.2	.81
65152	401.6	402.8	1.2		4C0		3.15	.23	.17	.06	8.5	.38
65153	402.8	403.9	1.1		4C0		3.06	.16	.14	.02	6.5	.18
65154	403.9	405.7	1.8		4C0		2.78	.07	.06	.01	2.7	.06
65155	405.7	407.1	1.4		4C0		3.16	.22	.18	.04	6.3	.30
65156	407.1	408.1	1.0		4L14		3.00	.54	.24	.30	4.4	.13
65157	408.1	409.6	1.5		4L14		2.76	.09	.07	.02	.7	.14
65158	409.6	410.0	.4		5A69		2.78	.04	.03	.01	.1	.01
65159	410.0	410.7	.7		5B219		2.67	.05	.03	.02	.1	.06
65160	410.7	413.0	2.3		5A19		2.54	.09	.05	.04	.8	.01
65161	413.0	414.4	1.4		5A109		2.79	.06	.02	.04	.4	.01
65162	414.4	416.6	2.2		5B6		2.68	.02	.01	.01	.1	.02
65163	416.6	417.3	.7		5B619		2.74	.02	.01	.01	.4	.01
65164	417.3	418.4	1.1		4C0		3.22	.07	.05	.02	3.4	.19
65165	418.4	419.0	.6		5B612		2.71	.04	.03	.01	1.8	.01
	419.0	587.4			WASTE							
65166	587.4	587.9	.5		4A0		2.43	5.52	1.98	3.54	10.4	.03
65167	587.9	589.0	1.1		5B6		2.72	.02	.01	.01	2.2	.01
65168	589.0	590.7	1.7		4A04		3.19	5.81	2.19	3.62	29.4	.11
65169	590.7	592.4	1.7		4A04		2.67	6.09	1.94	4.15	19.6	.05
65170	592.4	594.2	1.8		4A0		2.59	.23	.07	.16	3.1	.01
65171	594.2	595.5	1.3		4A0		2.75	2.04	.66	1.38	6.5	.01
65172	595.5	596.0	.5		4A0		2.57	3.30	1.39	1.91	10.6	.08
65173	596.0	596.5	.5		4A4		2.99	13.27	5.19	8.08	70.6	.11
65174	596.5	597.2	.7		4A0		2.58	.44	.11	.33	7.9	.03
65175	597.2	598.2	1.0		4A4		2.97	15.12	6.25	8.87	97.9	.59
65176	598.2	599.8	1.6		4A04		3.01	7.01	3.11	3.90	45.9	.51
65177	599.8	601.7	1.9		4L1		2.79	.99	.45	.54	7.2	.08
65178	601.7	603.0	1.3		4L1		2.74	.02	.01	.01	.1	.07
65179	603.0	603.9	.9		4A4		3.56	12.77	5.41	7.36	86.7	.22
	603.9	686.7			WASTE							

SUMMARY DIAMOND DRILL HOLE LOG
90DY08

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	13.1	13.1	11A	CASING: CASING LEFT, NO CEMENT
13.1	13.7	0.6	5B0	
13.7	16.0	2.3	5B6	0
16.0	19.8	3.8	5B0	
19.8	26.6	6.8	5B6	(5B0) 95:05
26.6	27.4	0.8	5C6	
27.4	35.0	7.6	5B6	2 (10Q:5B0) 85:10:05
35.0	35.6	0.6	5B0	
35.6	37.6	2.0	5B6	2 (5B0) 97:03
37.6	51.0	13.4	5B0	
51.0	52.6	1.6	5B6	
52.6	66.6	14.0	5B0	
66.6	68.4	1.8	5B6	(10Q) 70:30
68.4	76.9	8.5	5B0	->5B06
76.9	77.6	0.7	10Q*	(5B0) 60:40
77.6	85.0	7.4	5B0	
85.0	99.6	14.6	5B0	(10Q*)
99.6	107.4	7.8	5B0	
107.4	110.4	3.0	5B0	(10Q) 75:25
110.4	115.1	4.7	5B0	
115.1	117.8	2.7	5B0	
117.8	149.5	31.7	5B60	(10Q:5B0) 90:07:03
149.5	172.5	23.0	5B0	
172.5	174.4	1.9	5B0	BXA
174.4	176.6	2.2	5B0	
176.6	179.1	2.5	5B64	$ (5C6$->5D6$) 60:40
179.1	186.0	6.9	5B0	
186.0	189.5	3.5	5B6$	
189.5	197.0	7.5	5B0	
197.0	204.9	7.9	5B6	&0
204.9	211.0	6.1	5B0	
211.0	211.3	0.3	5C01	->5D01
211.3	238.3	27.0	5B0	
238.3	240.0	1.7	5B06	
240.0	247.1	7.1	5B0	(10Q#) 90:10
247.1	249.1	2.0	5B06	(10Q$) 95:05
249.1	251.5	2.4	5B0	(10Q#) 98:02
251.5	254.1	2.6	5B02	(10Q#) 95:05

SUMMARY DIAMOND DRILL HOLE LOG
90DY08

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
254.1	254.6	0.5	10Q#	
254.6	265.2	10.6	5B0	(10Q#) 85:15
265.2	266.0	0.8	10Q#	(5B62) 90:10
266.0	267.1	1.1	5B01	(10Q#$:5F01) 45:45:10
267.1	267.8	0.7	5D61	
267.8	276.2	8.4	5B0	(5B02:10Q#) 65:30:05
276.2	284.0	7.8	5B02	(10Q#) 85:15
284.0	287.6	3.6	5B0	(10Q#:5F0) 90:09:01
287.6	288.4	0.8	5B2	BROKEN CORE FAULTED
288.4	303.8	15.4	5B0	(5B02:10Q#) 80:15:5
303.8	306.3	2.5	5B6	
306.3	307.2	0.9	5B6	
307.2	307.5	0.3	5B6	
307.5	308.5	1.0	5B6	
308.5	311.0	2.5	5B0	(10Q#) 95:05
311.0	314.5	3.5	5C0	(10Q#) 98:02
314.5	315.4	0.9	5C17	
315.4	315.7	0.3	5B0	
315.7	318.2	2.5	5C17	
318.2	321.9	3.7	5C0	(5C17) 65:35
321.9	324.4	2.5	5C71	BXA
324.4	324.6	0.2	5B0	
324.6	327.3	2.7	5C7	&1(5C0) 70:30 BXA
327.3	338.5	11.2	5B0	(10Q*$:5B1) 85:14:01
338.5	339.0	0.5	5F0	
339.0	339.3	0.3	5C0	
339.3	339.7	0.4	5B0	->5F0
339.7	342.3	2.6	5B0	
342.3	343.0	0.7	5B02	
343.0	358.1	15.1	5B0	
358.1	359.3	1.2	5B6$	
359.3	379.8	20.5	5B0	(10Q#) 95:05
379.8	380.4	0.6	5B60	
380.4	406.8	26.4	5B0	(5B02->5B20) 95:05
406.8	411.4	4.6	5B0	6 (5B2) 85:15
411.4	413.1	1.7	5B2	(5D0) 99:01
413.1	430.3	17.2	5B0	
430.3	430.8	0.5	5B2	#

SUMMARY DIAMOND DRILL HOLE LOG
90DY08

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
430.8	437.7	6.9	5B6$	(5B26&#) 70>30
437.7	443.6	5.9	5B6$	
443.6	448.6	5.0	5B6$	
448.6	452.0	3.4	5B$	&2
452.0	455.2	3.2	5B$	
455.2	478.5	23.3	5B6$	&@
478.5	484.7	6.2	5B6$	&@(5B60) 98:02
484.7	495.7	11.0	5B06	&$
495.7	497.7	2.0	10Q	
497.7	499.9	2.2	5B6	&0
499.9	506.7	6.8	5B0	
506.7	510.6	3.9	5B06	(5A0) 98:02
510.6	524.1	13.5	5B6	&->5B62
524.1	524.8	0.7	5B6	&0 &@
524.8	530.1	5.3	5B6	(5B4&1->4L0) 75:25
530.1	531.5	1.4	5C4#	(5B4->5F0) 95:05
531.5	536.0	4.5	5B6	->5B62&@
536.0	542.0	6.0	5B6	->5B62
542.0	543.4	1.4	5B60	(5B4$1:5A0) 88:10:02
543.4	544.6	1.2	4L0	$&1 (10E4) 95:05
544.6	548.5	3.9	5B6	$(4L0) trace
548.5	551.6	3.1	4LO$	&4 (4B6$:5B2) 96:05:01
551.6	555.6	4.0	5A0$	&->5B2$ @
555.6	557.8	2.2	4LO$	
557.8	558.7	0.9	5B6	$ (10Q:5A014->4A04) 70:25:05
558.7	560.0	1.3	4G44	(4A04:4C0) 80:10:10
560.6	560.7	0.1	5A0	(10E4)
560.7	565.9	5.2	4LO$	98% (5B6$/5A0) 80:19:01
565.9	568.8	2.9	5B6$	(5A0) 98:02
568.8	574.5	5.7	10E9$	
574.5	580.0	5.5	5A0$	&419Py (->5A*:10E4) 75:24:01
580.0	585.8	5.8	3G0	$
585.8	588.7	2.9	3G9$	
588.7	611.8	23.1	3G0	$
611.8	615.9	4.1	3E33	(1OQ #) 85:15
615.9	617.4	1.5	3C0	&#
617.4	620.0	2.6	3G9	&#
620.0	622.3	2.3	3C0#	

SUMMARY DIAMOND DRILL HOLE LOG
90DY08

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
622.3	624.2	1.9	3E03	
624.2	626.2	2.0	3C3	(3G0&4) 85:15
626.2	627.5	1.3	3G9	->3E0
627.5	630.3	2.8	3G0	(10Q) 60:40
630.3	635.3	5.0	3B0	->3G0 &BIOTITE &#

Orientation: Vertical Hole
Source: Original Log
Assays: See following sheet

Drill Hole: 90DY08 Section:
Northing: 900359.0 Easting: 597719.0 Elevation: 1005.5
Length: 642.2 Core: DDH Record: 66

ASSAYS

Sample #	---Depths--- From	To	Int m	Rec %	Rock Unit	Rock Code	Pulp S.G.	Pb+Zn %	Pb %	Zn %	Ag g/t	Au g/t
65241	550.9	551.6	.7		4LO$		3.08	2.04	.91	1.13	15.4	.02
65242	558.7	559.1	.4		4A04		2.85	.31	.15	.16	28.6	.05
65243	559.1	560.0	.9		4G4		3.34	11.48	4.61	6.87	46.7	.15
65244	570.6	571.0	.4		10E9$		2.90	1.37	.41	.96	8.4	.03

SUMMARY DIAMOND DRILL HOLE LOG
90DY10

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	6.4	6.4	*	TILL
6.4	21.3	14.9	5B0	&2 (5D0) MINOR
21.3	23.9	2.6	5D0	(5F0)(5B20) 90:05:05
23.9	33.6	9.7	5B02	
33.6	43.9	10.3	5C6	&@ (5F6) MINOR
43.9	45.7	1.8	5F6	
45.7	51.8	6.1	5B20	

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90DY11

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	2.8	2.8	11A	GLACIAL OVERBURDEN. NO CORE
2.8	8.8	6.0	11A	GLACIAL OVERBURDEN
8.8	10.0	1.2	11A	GLACIAL OVERBURDEN. NO CORE
10.0	23.8	13.8	5B0	(5B02) (5B07) 80:19:1
23.8	24.8	1.0	5D1	(5D0) 90:10
24.8	28.5	3.7	5B0	(5B02) 60:40
28.5	29.8	1.3	5B17	(5B21) 95:5
29.8	37.8	8.0	5B0	(5B02) 90:10
37.8	42.4	4.6	5D1	(5D1) (5D6) 60:30:10
42.4	46.5	4.1	5B0	(5B02) 90:10
46.5	47.5	1.0	5D1	(10Q@) 70:30
47.5	50.4	2.9	5B0	(5B02) 90:10
50.4	52.2	1.8	5F1	->5D1(5D1) 90:10
52.2	53.9	1.7	5C06	(5C16) 80:20
53.9	55.2	1.3	5F6	(5F61) 80:20

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90DY12

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	9.8	9.8	11A	CASING: OVERBURDEN
9.8	13.3	3.5	5C08	
13.3	16.0	2.7	5F61	->5D0(5D0) 98:02
16.0	18.5	2.5	5C6$	
18.5	19.6	1.1	5B0	(5D0->5F0)
19.6	21.3	1.7	5C06	$
21.3	35.6	14.3	5B0	->5B02 (5D0) 99:01
35.6	36.7	1.1	5C0	(5D0) 60:40
36.7	41.2	4.5	5C$	&* &
41.2	45.4	4.2	5B0	(5F0) 98:02
45.4	48.1	2.7	5B06	
48.1	51.6	3.5	5B0	
51.6	58.6	7.0	5B0	
58.6	59.4	0.8	5B$	
59.4	68.9	9.5	5B0	(5B614) 98:02

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90DY13

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	16.5	16.5	11A	CASING:
16.5	17.3	0.8	5B0	2
17.3	22.0	4.7	5C6	(5D6) 97:03
22.0	33.2	11.2	5B0	(5B02) 80:20
33.2	33.9	0.7	5C0	(5D0) 60:40
33.9	40.0	6.1	5B0	(5B20:5B2:5D0) 75:15:10:01
40.0	50.6	10.6	5C0	(5D0) 95:05
50.6	51.9	1.3	5DO1	(5F01:5C0) 70:25:05
51.9	59.4	7.5	5B0	(5E0) 95:05
59.4	60.1	0.7	5F0	&1
60.1	66.9	6.8	5C0	
66.9	67.5	0.6	5F0	(5D0) 70:30
67.5	82.4	14.9	5B0	&->5B02 (5B20) 85:15
84.2	100.6	16.4	5C0	

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90DY14

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	4.9	4.9	11A	CASING: GLACIAL OVERBURDEN
4.9	11.1	6.2	11A	CASING: GLACIAL OVERBURDEN
11.1	12.6	1.5	5B20	(5B0) 80:20
12.6	13.7	1.1	5F0	->5B0 (5B0)(5B2) 70:15:15
13.7	16.3	2.6	5B20	
16.3	17.2	0.9	5B0	->5F0 (5B02) 98:02
17.2	33.3	16.1	5B2	
33.3	35.0	1.7	5B20	->5B2
35.0	36.4	1.4	5C0	
36.4	42.4	6.0	5B2	(5D0) 95:5
42.4	45.6	3.2	5C0	(5B20:5D0) 97:02:01
45.6	57.5	11.9	5B20	(5B2:5B5) 70:5:25
57.5	60.6	3.1	5F0	&1
60.6	67.9	7.3	5C0	
67.9	77.4	9.5	5C0	
77.4	78.5	1.1	5C0	
78.5	80.4	1.9	5C0	
80.4	95.5	15.1	5C0	
95.5	99.7	4.2	5C0	(5F0) 85:15
99.7	107.9	8.2	5B02	(5B20) 90:10
107.9	110.5	2.6	5B0	2(5B02) 70:30
110.5	122.8	12.3	5B0	(5B02:5F0) 65:30:05
122.8	123.2	0.4	5B0	->5F0
123.2	125.0	1.8	5B02	

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90OB01

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	4.6	4.6	11A	CASING
4.6	7.3	2.7	5B0	
7.3	9.4	2.1	5B0	

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90OB02

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	8.2	8.2	11A	CASING
8.2	10.1	1.9	5B0	
10.1	12.5	2.4	5B0	

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90OB03

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	6.4	6.4	11A	CASING
6.4	9.4	3.0	5B0	

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90OB04

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	6.4	6.4	11A	CASING
6.4	8.4	2.0	5B0	
8.4	11.0	2.6	5B0	

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90OB05

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	10.4	10.4	11A	CASING
10.4	12.4	2.0	5C0	Block in overburden?
12.4	12.5	0.1	5B04	

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90OB06

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	10.1	10.1	11A	CASING
10.1	12.8	2.7	5C0	Large block in overburden?
12.8	13.6	0.8	5B0	
13.6	13.9	0.3	5B0	

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90OB07

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	10.4	10.4	11A	CASING
10.4	13.4	3.0	5C04	
13.4	15.6	2.2	5B0	

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

SUMMARY DIAMOND DRILL HOLE LOG
90OB08

LITHOLOGY

FROM (m)	TO (m)	INTERVAL (m)	ROCK UNIT	DESCRIPTION/COMMENTS
0.0	4.9	4.9	11A	CASING
4.9	6.4	1.5	5B0	
6.4	7.3	0.9	5B0	

Orientation: Vertical Hole
Source: Original Log
Assays: No Assays

APPENDIX F

APPENDIX F

ROTARY HOLE DRILL LOGS
BILL/L.O./JOE/TIE GROUPS

LORH-2	71-038	71-097	71-171
LORH-3	71-039	71-098	71-174
TRH-1	71-040	71-099	71-175
TRH-2	71-084	71-100	71-185
TRH-3	71-085	71-101	71-186
TRH-4	71-091	71-102	71-191
71-034	71-092	71-103	71-192
71-035	71-093	71-168	71-193
71-036	71-094	71-169	71-193A
71-037	71-095	71-170	71-206

* Note: Unless otherwise noted, all measurements are in feet for rotary logs.

LO RH#2 (340')

0 - 70	Biotitic quartz schist 0 - 20, 1% sulphide, 20 - 50 2% sulphide, 50 - 70, 5% sulphide, mainly pyrite with lesser pyrrhotite.
70 - 340	Sericite quartz schist, 70 - 80, 7% sulphide, mainly pyrite with minor pyrrhotite. 80 - 100, 10% sulphide, mainly pyrite with lesser pyrrhotite. 100 - 150, 15% sulphide mainly 150 - 190, 7% sulphide. 190 - 270, 12% sulphide. 270 - 340, 15% sulphide. Mainly pyrite and pyrrhotite in about equal amounts.

LO RH#3 (350')

0 - 20	Quartz sericite schist, 2% sulphide, mainly pyrite with lesser pyrrhotite.
20 - 60	Quartz sericite schist, 10% sulphide, mainly pyrite with lesser pyrrhotite.
60 - 120	Sericite - quartz schist, 60' - 110', 10% sulphide 110' - 120', 15% sulphide, largely pyrite with lesser pyrrhotite.
120 - 300	Graphitic schist, 120 - 130, 10% sulphide, 130 - 150, 15% sulphide, 150 - 270, 10% sulphide, 270 - 300, 5% sulphide, largely pyrite with lesser pyrrhotite.
300 - 350	Sericite quartz schist, 7% sulphide, mainly pyrite with lesser pyrrhotite, minor chalcopyrite 300 - 320.

105 A 6

TIE RH #1 (420')

0 - 20	Sericite schist, 1% sulphide mainly pyrite with lesser pyrrhotite.
20 - 40	Sericite quartz schist, 3% sulphide mainly pyrite with lesser pyrrhotite.
40 - 180	Sericite quartz schist, 40 - 50, 10% sulphides, 50 - 70, 3% sulphides, 70 - 100, 10% sulphides, 100 - 140, 3% sulphides, 140 - 180, 10% sulphides mainly pyrite with minor pyrrhotite.
180 - 250	Graphitic quartz schist, 10% sulphides mainly pyrite with minor pyrrhotite.
250 - 420	Sericite quartz schist, 10% sulphide, mainly pyrite with minor pyrrhotite.

TIE RH#2 (370')

0 - 370	Sericite quartz schist 0 - 20, 3% sulphides, 20 - 70, 10% sulphides, 70 - 120, 15% sulphides, 120 - 200, 7% sulphides, 200 - 210, 4% sulphides, 210 - 260, 7% sulphides, 260 - 290, 10% sulphides, 290 - 320, 7% sulphides, 320 - 370. 0' - 160' sulphides mainly pyrite with lesser pyrrhotite. 160 - 230 mainly pyrite with one half as much pyrrhotite. 230 - 370 mainly pyrite and pyrrhotite in equal amounts.

TIE RH#3 (220')

0 - 90	Biotitic quartz schist, 0 - 10 no sulphide, 10 - 20 less than 1%, 20 - 50, 3% sulphide, 50 - 80, 4% sulphide, 80 - 90, 7% sulphide.
90 - 140	Graphitic schist, 7% sulphide.
140 - 200	Quartz sericite schist, 140 - 180, 5% sulphide, 180 - 200, 2% sulphide.
200 - 210	No sample.
210 - 220	Quartz sericite schist, 5% sulphide. Sulphide mainly pyrite with lesser pyrrhotite.

TIE RH #4 (230')

0 - 20	No sample.
20 - 230	Quartz sericite schist, 20 - 40, 5% sulphide, 40 - 180, 10% sulphide, 180 - 230, 5% sulphide. Mainly pyrite with lesser pyrrhotite.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Tie # 21

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by W. Roberts

STARTED May 21/71
COMPLETED May 21/71
DIP -90° DIRECTION
HOLE No. 71-034 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS ppm From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	42	Overburden												
0	10	Tan clay with cobbles to boulders of intrusive							2	70	640	47		
10	20	Sandy gravel							2 2	42 40	495 440	56 77		
20	30	Grey phyllite chips and grey silt size parts.							2	42	455	77		
42	64	Green grey quartz sericite chlorite phyllite	No visible mineralizat-						3	38	160	52		
		$F_2 \sim 75°$ axis, F_1 highly crenulated and	ion											
		uneven. Non magnetic.												

FORM No. 2 M.S.CO.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

Logged by J. Gondi

STARTED
COMPLETED
DIP -90° DIRECTION
HOLE No. 71-034 PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	Calcareous chlorite sericite phyllite:												
		Free quartz: 7%. CO_3 content: High												
		Non graphitic and non magnetic. No visible												
		mineralization.												

FORM NO. 3 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Tie # 22

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by W. Roberts

STARTED May 21/71
COMPLETED May 22/71
DIP -90 °
DIRECTION
HOLE No. 71-035
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	16	Overburden												
0	10	Grey brown clay							2	34	305	37		
10	20	Grey silty clay							2	32	285	17		
20	30	(bedrock - shattered) grey silty clay and							2	42	230	8		
		phyllite chips												
30	40	"							3	32	165	10		
50	88	Poor recovery! Appears as qtz. rich sericite	No visible mineraliz-						3	36	130	22		
		phyllite. Foln. ~45° axis. Highly	ation											
		crenulated and quartz veined. Non magnetic.												

FORM NO. 2 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Tie # 22

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by W. Roberts

STARTED May 22/71
COMPLETED May 23/71
DIP -90°
DIRECTION
HOLE No. 71-036
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	20	Overburden												
0	10	Overburden sample (grey clay and pebbles)							2	56	270	38		
10	20	"							3	48	205	30		
32	53	Core! Dark grey quartz sericite chlorite	Visible disseminated						3	32	63	20		
		phyllite. $F_2 \sim$ 75-90° axis - uneven with	grains of pyrite											
		few crenulations. F_1 when present is highly	estimate ∠ .1% pyrite											
		variable and contorted. Fracture fillings												
		contain calcite - non magnetic.												

FORM NO. 2 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Gal # 246

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by W. Roberts

STARTED May 23/71
COMPLETED May 23/71
DIP -90 DIRECTION
HOLE No. 71-037 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS ppm From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	20	Overburden												
0	10	Grey clay and phyllite - qtz. pebbles							2	165	190	57		
10	20	"							2	80	475	40		
20	43	Bedrock - no samples												
43	59	Dark grey qtz. sericite phyllite with inter	Traces of pyrite						3	42	100	39		
		folia of black graphitic phyllite.												
		Estimate ~ 50-60% qtz. F_2 ~ 45-60° axis												
		traces of F1 but highly contorted. Non												
		magnetic.												

FORM NO. 2 M.S.CO.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Gal # 245

Logged by W. Roberts

STARTED May 23/71
COMPLETED May 23/71
DIP -90°
DIRECTION
HOLE No. 71-038
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS ppm									
FROM	TO				From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	20	Overburden												
0	10	?												
10	20	?												
20	43	Dark grey - black qtz. sericite graphite	Few visible grains of						3	74	105	24		
		phyllite. F_2~ 60° axis. Individual bands	pyrite											
		1-2 mm. thick. Fi highly crenulated. Non												
		magnetic.												

FORM NO. 2 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Sun # 42

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by W. Roberts

STARTED May 23/71
COMPLETED May 24/71
DIP -90 °
DIRECTION
HOLE No. 71-039
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	20	Overburden - no samples!												
20	41	No samples of bedrock												
41	63	Grey qtz. sericite phyllite with local inter-	Traces of pyrite						3	36	95	23		
		folia of graphite. Foln. - 60-80° axis,												
		uneven, non magnetic.												

FORM NO. 2 M.B.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Tie # 7

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by W. Roberts

STARTED May 24/71
COMPLETED May 25/71
DIP -90°
DIRECTION
HOLE No. 71-040
PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	22	Overburden												
0	10	Missing												
10	20	Overburden - green clay with large qtz.							2	118	340	46		
		and intrusive pebbles												
20	30	Bedrock - green clay and sericite phyllite							3	60	405	43		
		chips												
30	40	Bedrock "							3	60	1050	36		
22	43	Poor recovery!												

FORM NO. 2 M.B.CO.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

Logged by J. Gondi

STARTED
COMPLETED
DIP -90 °
DIRECTION
HOLE No. 71-040
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
30	40	Calc. chl. ser. phyllite: non graphitic and												
		non magnetic. CO_3 content: High.												

FORM NO. 2 M.S.CO.

LOCATION Faro East Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by U. Jansons

STARTED July 20/71
COMPLETED July 20/71
DIP -90°
DIRECTION
HOLE No. 71-084
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	Hg	PB	ZN	CU	Fe	S
0	30	Phyllite, bio-seric., dk- grey to black,	None observed		0	10								
		no CO_3, non mag, weath. surf. w/FeOx stain			10	20			130	30	115	59		
		non graphitic, occasional coarse SiO_2 frags.			20	30			-	-	-	-		

FORM NO. 2 M.S.CO.

LOCATION Faro East Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

STARTED July 20/71
COMPLETED July 20/71
DIP -[illegible] DIRECTION
Logged by [illegible], July 22/71
HOLE No. 71-0[illegible] PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	30	Phyllite, bio-seric., dark grey to black, FeOx	None observed		0	10				32	135	53		
		from weath. bio., no CO_3, non mag.			10	20				30	140	60		
					20	30				32	120	50		

FORM NO. 2 M.S.CO.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

LOCATION Faro E. Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

Logged by U. Jansons, July 29/71

STARTED
COMPLETED
DIP -90° DIRECTION
HOLE No. 71-091 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	Hg	PB	ZN	CU	Fe	S
0	10	Schist - seric-bio-activolite (staurolite?)	None noted		0	10			37	26	70	37		
		tr. CO_3 react., non mag, non graph. Lots of			10	20			30	24	85	36		
		qtz. frags.			20	30			18	26	70	44		

FORM No. 3 M.S.CO.

LOCATION Faro, E. Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by U.J. 29 July 1971

STARTED
COMPLETED
DIP -90°
DIRECTION
HOLE No. 71-092
PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	Hg	PB	ZN	CU	Fe	S
0	10	Calc. Silic (?)- gn-gy, SiO_2 diops. no-weak CO_3 reaction. Non magnetic, non graphitic. Tan color from FeOx stain fragments.	None noted		0	10			157	20	75	41		
					10	20			217	30	85	49		
20	30	Calc. silic. gy-gn. No CO_3 reaction. Non graph and non mag. Possibly mixed with schist - bio.-ser. tan FeOx stained frags.			20	30			118	28	85	37		

FORM NO. 1 M.S.CO.

LOCATION Faro, E. Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by U. J. 29 Aug 1971

STARTED
COMPLETED
DIP ~90 DIRECTION
HOLE No. 71-093 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage		Hg	PB	ZN	CU	Fe	S
20	30	Calc. Silic - bio schist and CO_3 - rock =	None noted		0	10			43	30	90	36		
		gray w/ tan brown FeOx surf. (FeOx-goeth),			10	20			40	32	95	44		
		mod CO_3, non magnetic, non graphitic;			20	30			52	36	90	37		
		breaks to chips												

FORM NO. 2 M.S.CO.

LOCATION Faro, E. Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by U. J. 29 July 1971

STARTED
COMPLETED
DIP 90
DIRECTION
HOLE No. 71-094
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG Hg	PB	ZN	CU	Fe	S
0	10	Schist, bio-seric, tan-brown from FeOx	None Noted		0	10			33	32	70	53		
		Goethite from oxid bio.,			10	20			30	62	70	60		
		CO_3 - no reaction			20	30			21	30	65	37		
		Non Magnetic, Non Graphitic												
		Breaks tabular to mica faces.												

FORM NO. 2 M.S.CO.

LOCATION Faro, E. Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by U. J. 29 July 1971

STARTED
COMPLETED
DIP -90° DIRECTION
HOLE No. 71-095 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.
		From drill logs		
0	10	Boulders		
10	75	Gravel		
75	90	Sandstone		

ASSAYS									
From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10				28 32	120 72	75 52		
	20				30 28	125 72	62 65		
	30				32 28	125 74	67 92		
	40				30	120	97		
	50				32	130	72		
	60				34	150	36		
	70				32	130	60		
	80				48	130	51		
	90				32	135	58		

FORM NO. 3 M.S.CO.

LOCATION Faro, E. Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by U. J. 29 July 1971

STARTED
COMPLETED
DIP -90 ° DIRECTION
HOLE No. 71-097 PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG Hg	PB	ZN	CU	Fe	S
0	10	Schist - seric bio, brown - FeOx stain,	None noted		0	10			16	38	79	56		
		no CO_3 reactions, non-mag., non-graph.			10	20			15	34	69	30		

FORM NO. 2 M.S.CO.

LOCATION Faro E. Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by U. Jansons, July 29/71

STARTED
COMPLETED
DIP -90° DIRECTION
HOLE No. 71-098 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	Hg	PB	ZN	CU	Fe	S
10	20	Schist, bio-seric., tan from bio. oxid -	None noted		0	10								
		geoth. non mag, non graph, breaks tabular,			10	20			17	30	70	56		
		mixed w/few equigranular frag. of calc			20	30			31	28	63	57		
		silic. w/weak-mod. CO_3 react.												
20	30	Schist, bio. seric. mainly, w/qtz. stringers												
		Non mag and non graph. Brown-tan color, no												
		CO_3 reactions. mixed w/dk. gy. calc. silic.												
		w/CO_3 reaction. One 1/4" andalusite frag.												

FORM NO. 2 N.S.CO.

LOCATION Faro E. Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by U. Jansons, July 29/71

STARTED
COMPLETED
DIP -90 DIRECTION
HOLE No. 71-099 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	Hg	PB	ZN	CU	Fe	S
20	30	Calc. silic. (bio schist w/qtzte-CO_3 + diops.	None noted		0	10			41	32	79	39		
		zones) mod. CO_3, non mag and non graph.			10	20			19	24	56	43		
					20	30			47	26	55	93		
					30	40			76	24	39	67		
					40	45			98	38	43	66		

FORM NO. 2 M.B.CO.

LOCATION Faro, E. Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by ?

STARTED
COMPLETED
DIP -90 ° DIRECTION
HOLE No. 71-100 PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10				0	10				28	43	55		
10	30	Rock = ?			10	20				24	42	50		
					20	30				62	125	53		

FORM NO. 2 M.S.CO.

LOCATION Faro, E. Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by U. J. 29 July 1971

STARTED
COMPLETED
DIP -90° DIRECTION
HOLE No. 71-101 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	~~AG~~ Hg	PB	ZN	CU	Fe	S
10	20	Schist (?) - Phyllite bio-seric, grey,	None noted		0	10			22	34	76	120		
		weak CO_3, non magnetic, non graphitic			10	20			22	24	73	83		

FORM NO. 2 M.S.CO.

LOCATION Faro, E. Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by

STARTED
COMPLETED
DIP -90 DIRECTION
HOLE No. 71-102 PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	Hg	PB	ZN	CU	Fe	S
					0	10			--	--	--	--		
10	20	Schist, bio seric, weak CO_3 reaction,	None noted		10	20			25	36	66	38		
		non magnetic, non graphitic,			20	25			22	34	63	43		
		dk - medium grey depending on sericite												
		content												

FORM NO. 2 M.S.CO.

LOCATION Faro, E. Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

STARTED
COMPLETED
DIP -90 DIRECTION
HOLE No. 71-103 PAGE No.

Logged by U. J. 29 July 1971

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	~~AG~~ Hg	PB	ZN	CU	Fe	S
					0	10			31	42	59	31		
10	20	Calc. Silic. - Lt. gy., strong CO_3 react	Py - 3%		10	20			45	36	54	29		
		3-5% Bio., non mag., non graph.			20	30			26	38	51	29		
		Breaks semi-tabular across CO_3 - SiO_2 bands.												

FORM NO. 2 N.S.CO.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

Logged by J. Gondi 71

STARTED
COMPLETED
DIP -90 DIRECTION
HOLE No. 71-168 PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	[redacted] Hg	PB	ZN	CU	Fe	S
10	20	Chl. Ser. Phyllite			0	10			123	-	-	-		
		CO_3: Low	NIL		10	20			92	38	47	26		
		Non Magnetic & Non Graphitic			20	30			98	38	53	16		
20	30	Same as above	NIL		30	40			92					
					40	50			71					

FORM NO. 2 M.B.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by J. Gondi

STARTED
COMPLETED
DIP ~ 70° DIRECTION
HOLE No. 71-169 PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	~~AG~~ Hg	PB	ZN	CU	Fe	S
0	10	Chl. Ser. Phyllite.			0	10			31	62	91	29		
		CO_3: Low	NIL		10	20			29	58	79	36		
		6% free quartz			20	30			87	48	74	32		
		Non Magnetic & Non Graphitic			30	40			56	-	-	-		
10	20	Same as above	NIL		40	50			292	-	-	-		
20	30	"												
		(Two samples of 10-20)												

FORM NO. 3 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

STARTED
COMPLETED
DIP -90°
DIRECTION
HOLE No. 71-170
PAGE No.

Logged by J. Gondi

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.
10	20	Chl. Ser. Phyllite		
		CO_3: Low	NIL	
		Non Magnetic & Non Graphitic		
20	30	Same as above	NIL	

ASSAYS From	To	Footage	AU	~~AG~~ Hg	PB	ZN	CU	Fe	S
0	10			194	112	160	50		
10	20			221	60	64	34		
20	30			100	52	71	48		
30	40								

FORM NO. 2 M.B.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by J. Gondi

STARTED
COMPLETED
DIP - 9[illegible] DIRECTION
HOLE No. 71-171 PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
10	20	CHLORITIC PHYLLITE:			0	10			165	72	95	40		
		Tabular thin fragments of Chloritic Phyllite.	NIL		10	20			102	74	70	46		
		CO_3 Content: NIL			20	30			86	68	74	42		
		Qtz. mainly vein matter — ≈1%												
		Non Graphitic & Non Magnetic												
20	30	CHLORITIC PHYLLITE:												
		Same as above.	Nil											
		CO_3 Content: Very low												
		Non Graphitic & Non Magnetic												

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by J. Gondi

STARTED
COMPLETED
DIP -90° DIRECTION
HOLE No. 71-174 PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
10	20	Calc Silicate Schist:			0	10				52	119	68		
		Dark green schist with about 0.5% quartz.	NIL		10	20				42	130	80		
		CO_3 Content: High			20	30				54	135	80		
		Non Magnetic & Non Graphitic												
20	30	Same as above.	NIL											

Checked in field as metavolcanic

FORM NO. 2 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

STARTED
COMPLETED
DIP -90 DIRECTION
Logged by J. Gondi
HOLE No. 71-175 PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
10	20	Calc Silicate Schist:	Minor Specks of py.		0	10				50	145	90		
		Highly calcareous.			10	20				36	70	74		
		Non Magnetic & Non Graphitic			20	30				43	73	92		
20	30	"												
		(Two 20-30 Bags)												

FORM NO. 2 M.B.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by J. Gondi

STARTED
COMPLETED
DIP -90° DIRECTION
HOLE No. 71-185 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.
30	40	Calc. silicate schist: ✓ or metabasite Green schist;	Nil	
		Highly calcareous; non mag and non graph.		
40	45	Non mag and non graph.	Nil	

OK — 3D10 metabasite 7/17/77

ASSAYS From	To	Footage	AU	Hg	PB	ZN	CU	Fe	S
0	10								
10	20			33	42	70	74		
20	30			69	70	71	76		
30	40			63	64	72	92		
40	45			27	48	63	110		

FORM NO. 2 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

STARTED
COMPLETED
DIP -90° DIRECTION
Logged by J. Gondi
HOLE No. 71-186 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
10	20	Chloritic sericite phyllite: CO_3: Low			0	10				98	71	40		
		Non mag and non graph. Qtz. content approx.	Nil		10	20				225	130	72		
		3%. Rock ground to thin tabular fragments.			20	30				56	75	38		
					30	40								

FORM NO. 2 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

STARTED
COMPLETED
DIP - 50° DIRECTION
HOLE No. 71-191 PAGE No.

Logged by J. Gondi

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	Hg	PB	ZN	CU	Fe	S
90	100	Calc. silicate schist: Greenish grey schist			0	10			107	79	100	35		
		consists of calcareous qtz. chl. ser. phyllite			10	20			93	66	84	31		
		partings, inferred by proportion of	Nil		20	30			96	70	90	33		
		occurrence. Free Quartz: 5%			30	40			91	59	92	31		
		Extraneous material: 8%			40	50			56	45	98	39		
		Non mag and non graph			50	60			65	42	110	34		
100	105	"	0.1" Py cube		60	70			78	44	110	41		
		Free quartz: 5%	Partially oxidized		70	80			84	57	125	44		
		Extraneous material: 10% Gr., Dio., Chert			80	90			–	–	–	–		
		pebbles			90	100			88	53	125	40		
					100	105			82	50	120	41		
		OK [illegible] 2/12/77												

FORM NO. 2 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by J. Gondi

STARTED
COMPLETED
DIP -90° DIRECTION
HOLE No. 71-192 PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	Hg	PB	ZN	CU	Fe	S
40	50	Overburden			0	10								
		Mixture of very coarse sand and cobbles -			10	20								
		L. St., chl. ser. phy. Granite and diorite.			20	30								
		Chert and minor jasper also is included.	Nil		30	40			71	50	94	32		
		Non mag and non graph.			40	50			91	43	117	45		
50	60	"	Nil		50	60				36	130	41		
		Plurality of calc. silicate phyll frags. in O/B												

FORM NO. 2 M.S.CO.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

Logged by U. Jansons

STARTED
COMPLETED
DIP -90° DIRECTION
HOLE No. 71-193 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.
0	40	Overburden		
		Hole caved moved, drilled 71-193A		

ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10				120	145	41		
10	20				120	145	44		
20	30				175	250	43		
30	40				115	130	44		

FORM NO. 3 M.S.CO.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

Logged by J. Gondi/W. Jensons

STARTED
COMPLETED
DIP -90 DIRECTION
HOLE No. 71-193A PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	128	Overburden			0	10				115	150	39		
		Twist of drill pipe moved to next site.			10	20				125	130	37		
					20	30				100	120	37		
		Material in O/B mixture of green chert,			30	40				120	130	45		
		phyllite, jasper, graphitic schist, all coarse			40	50				85	120	38		
		fraction			50	60				110	110	34		
					60	70				110	110	38		
					70	80				88	115	38		
					80	90				93	135	35		
					90	100				98	150	36		
					110	120				88	120	37		

FORM NO. 2 M.S.CO.

LOCATION Faro East Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by U. J. October 12/71

STARTED
COMPLETED
DIP 90 °
DIRECTION
HOLE No. 71 - 206
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	~~AG~~ CD	PB	ZN	CU	~~Fe~~ HG	S
0	50	Bio Muscovite schist, upper section graphitic	PbS, ZnS in outcrop		0	-10			2	71	59	83	346	
					10	20			2	39	55	56	409	
					20	30			2	47	120	47	391	
					30	40			2	39	62	58	391	
					40	50			2	42	60	51	447	

DIAMOND DRILL CORE LOG - SAMPLE RECORD

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

Logged by J. Gondi

STARTED
COMPLETED
DIP -90 °
DIRECTION
HOLE No. 71 - 206
PAGE No. 1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.
0	10	GRAPHITIC SCHIST:		
		Black platty tabular fragments of graphitic schist.	Very little Py is present.	
		Free Quartz = 4%		
		Non Magnetic. Graphite = 65%		
		CO3 : NIL		
10	20	"	"	
20	30	"	"	
30	40	"	"	
40	50	"	"	
		50' - End of Rotary hole.		

ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Cd	S
0	10				71	59	83	2	
10	20				39	55	56	2	
20	30				47	120	47	2	
30	40				39	62	58	2	
40	50				42	60	51	2	

APPENDIX G

APPENDIX G

ROTARY HOLE DRILL LOGS
GALE GROUP

71-027	71-130	71-142	71-152
71-028	71-131	71-143	71-158
71-029	71-132	71-147	71-159
71-031	71-133	71-148	71-160
71-032	71-134	71-149	71-197
71-033	71-138	71-150	71-198
71-129	71-141	71-151	

* Note: Unless otherwise noted, all measurements are in feet for rotary logs.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY DY #70

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by W. Roberts

STARTED May 9/71
COMPLETED May 10/71
DIP -90°
DIRECTION
HOLE No. 71-027
PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	135	Overburden												
0	10	Tan sand and gravel							2	42	235	47		
10	20	Tan clay and pebbles							2	26	360	28		
20	30	Pebbles of qtz. and phyllite							3	40	530	28		
30	40	Grey phyllite pebbles and clay							2	40	250	30		
40	50	Grey phyllite pebbles and chips							2	30	150	96		
50	60	"							2	28	155	42		
70	80	"							2	28	100	36		
80	90	"							2	28	190	35		
90	100	Grey clay and grey phyllite chips							2	30	120	31		
		No bedrock reached.												

FORM NO. 2 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Bob #18

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by

STARTED May 10/71
COMPLETED May 13/71
DIP -90 °
DIRECTION
HOLE No. 71-028
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS ppm									
FROM	TO				From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	171	Overburden												
20	30	Tan clay and qtz. pebbles							1	24	115	28		
30	40	Tan clay and phyllite pebbles							1	36	170	25		
60	70	Black silt and pebbles							2	32	415	39		
90	100	Pebbles, chips and grey clay							3	94	410	40		
100	110	Black chips of phyllite and grey clay							2	98	245	32		
110	120	"							2	340	295	29		
120	130	"							2	170	230	30		
130	140	"							2	106	280	28		
150	160	"							4	330	425	48		
160	170	Grey chips and pebbles of clay phyllite							18	1300	2400	98		
170	185	Black highly quartz rich argillite to low	Minor visible dissemin-						30	2350	4350	195		
		grade graphitic phyllite. Highly contorted &	ated pyrite - estimate											
		brecciated. Quartz occurring as bands &	∠ .05%											
		lenses along foliation planes; Foln.~60-70°/												
		axis. Fracture fillings of calcite, pink K-												
		feldspar and qtz. Non magnetic.												

FORM NO. 2 M.B.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Bob # 16

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by W. Roberts

STARTED May 13/71
COMPLETED May 18/71
DIP -90
DIRECTION
HOLE No. 71-029
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS ppm									
FROM	TO				From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	62	Overburden. No samples available.												
62	64	Medium grey sericite phyllite, qtz. ∠ 40%,												
		Foliation 85-90° axis.							"No samples"?					
64	70	Light pale green chlorite schist with qtz.	No visible mineralization											
		bands ∠ 1½" parallel to foliation. Foln. ~												
		90°/axis.												
70	77	Medium grey sericite phyllite, foln. ~85-90°/							4	48	200	45		
		axis. No magnetism.												

FORM NO. 2 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

STARTED
COMPLETED
DIP DIRECTION

Logged by J. Gondi

HOLE No. 71-022 PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS										
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
30	40	Calcareous qtz. chl. bio. ser. phyllite:												
		CO_3 content: High. Non graphitic and non												
		magnetic. No visible mineralization.												
40	50	Calca. qtz. chl. bio. ser. phyllite: Free												
		silica - 20%. Few fragments of qtz. ser.												
		schist and calc silicate. CO_3: High												
		Non graphitic and non magnetic.												

FORM NO. 2 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Bob # 20

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by W. Roberts

STARTED May 19/71
COMPLETED May 20/71
DIP -90 °
DIRECTION
HOLE No. 71-031
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS ppm									
FROM	TO				From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	65	Overburden												
0	10	Dark brown soil and boulders							2	82	2700	145		
65	89	Pale brownish green qtz. chlorite phyllite	Fine disseminated						3	38	110	48		
		to chlorite schist. Appears to be member of	pyrite and pyrrhotite											
		"greenstone". Bands of quartz ∠ 3 cm.	est. ∠ .1% sulphides.											
		appear barren. Rock is moderately magnetic.												
		$F_2 \sim 70°$ axis.												

FORM NO. 2 M.S.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Bob # 17

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by W. Roberts

STARTED May 20/71
COMPLETED
DIP -90 °
DIRECTION
HOLE No. 71-032
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS ppm									
FROM	TO				From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	18	Overburden												
0	10	Tan sand and pebbles							2	60	1800	59		
10	20	"							3	60	760	37		
20	30	Grey silt sized particles							4	145	635	28		
30	40	Grey silt size with grey phyllite chips							1	60	280	44		
40	61	White to creamy felsite with interval of 2 feet of black qtz. graphitic phyllite. Foln. ~45° axis. Felsite is massive, fine grained and contains chilled margins along phyllite contact. Non magnetic.	In felsite find dissem-inated pyrite and dark blue grey fine grained sulphides?? In graphitic phyllite, find estimated .5% pyrite.						3	140	140	42		

FORM No. 2 M.S.CO.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Bob # 15

Logged by W. Roberts

STARTED May 20/71
COMPLETED May 21/71
DIP -90 °
DIRECTION
HOLE No. 71-033
PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS ppm									
FROM	TO				From	To	Footage	AU	Cd	PB	ZN	CU	Fe	S
0	30	Overburden												
0	10	Tan clay							2	58	860	49		
10	20	Tan clay and phyllite pebbles							2	46	980	41		
20	30	(Bedrock) tan sand size and light grey							1	54	950	21		
		phyllite pebbles												
30	40	(Bedrock) grey silty clay size particles							6	275	1200	40		
40	54	Dark grey to black quartz sericite graphite	Est.~ .5-1% dissem-						5	34	125	27		
		phyllite. Minor pale green chlorite folia.	inated pyrite in qtz.											
		Est.~ 60-70% qtz., Foln. 70-90° axis.	rich bands. No											
		Highly uneven and crenulated. Later	visible magnetic											
		fracturing and qtz. veining. Slightly	minerals.											
		magnetic.												

FORM NO. 2 M.B.CO.

LOCATION

SECTION

CO-ORDINATES (N) - (E) -

ELEVATION

PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by J. Gondi

STARTED

COMPLETED

DIP -90°

DIRECTION

HOLE No. 71-129

PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	Chl. Phyllite			0	10				225	93	70		
		Dark grey well cleaved Phy.			10	20				46	69	43		
		Highly quartzose.	Nil		20	30				58	69	44		
		CO_3 Content: Nil												
		Non Magnetic & Non Graphitic												
10	20	"	Nil											
20	30	"	Nil											

FORM NO. 2 M.S.CO.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

(E) -

Logged by J. Gondi

STARTED
COMPLETED
DIP -90°
DIRECTION
HOLE No. 71-130
PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	Overburden. Mixture of quartz pebbles, chl.			0	10				36	95	49		
		phy. No carbonate.			10	20				44	90	35		
10	20	Chl. phyllite. No carbonate. Quartzose.	Nil		20	30				34	87	39		
		Non mag and non graph.												
20	30	Same as above. CO_3 content: Low	Nil											

FORM NO. 2 M.E.CO.

LOCATION
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY

DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by J. Gondi

STARTED
COMPLETED
DIP -90° DIRECTION
HOLE No. 71-131 PAGE No.

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	OVERBURDEN			0	10				46	45	48		
		Mixture of chert pebbles, quartz pebbles.	---		10	20				48	55	53		
		Fragments of Chl. Phy.			20	30				34	78	100		
10	20	Same as above												
		+ Diorite pebbles and Jasper.	---											
20	30	Same as above	---											

LOCATION
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DIAMOND DRILL CORE LOG - SAMPLE RECORD

Logged by J. Gondi

STARTED
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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	Calc. qtz. bio. chl. diop. ser. Schist			0	10				24	63	35		
		CO_3 Content: Medium	Feeble amount of		10	20				26	30	30		
		Non Magnetic & and Non Graphitic	pyrites.		20	30				22	60	45		
10	20	Same as above	None											
20	30	Same as above	None											

DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	Mixture of Overburden and Bedrock (?)			0	10				38	105	47		
		Fragments of detrital chert and chloritic	None		10	20				30	74	44		
		phyllite & ser. phy. calc. silicate schist.			20	30				62	79	61		
10	20	Chloritic Phy.												
		Non Mag & Non Graph	None											
		Tabular fragments. Well cleaved & fissile.												
		No CQ 3												
20	30	"	None											

FORM NO. 2 M.S.CO.

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	Chl. Ser. Phyllite:			0	10				36	70	30		
		Veinlets of calcite broken into separate			10	20				32	64	34		
		fragments.	None		20	30				32	63	35		
		CO_3 Content: Medium												
		Non Mag & Non Graph												
10	20	"	"											
20	30	"	"											

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	Chloritic phy. Calcite vein matter. Non			0	10				28	70	16		
		mag and non graph.			10	20				32	61	13		
10	20	"			20	30				40	66	36		
20	30	"												

FORM NO. 2 M.S.CO.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	OVERBURDEN			0	10				46	245	48		
		Mixture of phyllite , qtz., black chert and	None		10	20				48	180	41		
		granite fragments. All sizes of material			20	30				36	300	44		
		finest is coarse sand size.			30	40				36	130	40		
10	20	"	"		40	50				-	-	-		
20	30	"	"		50	60				38	135	33		
30	40	"	"											
40	50	?	"											
50	60	Banded calc. silicate phyllite chloritic												
		phyllite with bands calc.sil. limy	None											
		CO_3 Content: Medium												
		Non Mag & Non Graphitic												

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	Very Coarse. Overburden			0	10				52	120	42		
		Pebbly material of Gr., chert, tabular phy.,	NONE		10	20				46	110	34		
		Jasper, Ser. Schist, and Calcite.			20	30				42	105	34		
10	20	Same as above	"		30	40				40	78	31		
20	30	"	"		40	45				40	82	34		
30	40	Calc. Chronitic Phyllite.	"											
		Calcite occurs as veinlets.												
		Non Mag & Non Graphitic.												
		CO_3 Content: Low												
40	45	"	"											

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	OVERBURDEN	NONE		0	10				48	15	45		
		Coarse pebbles of Phy., chert, calcite and			10	20				90	80	60		
		quartz and granite.			20	30				74	45	56		
10	20	Same as above			30	40				60	25	42		
20	30	"			40	50				44	25	38		
30	40	"												
40	50	"												

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	Overburden: cobbles of chert, quartz,	Nil		0	10				30	120	40		
		phyllite and quartz diorite			10	20				30	120	40		
10	20	Same as above but 40% of the sample is chl.	Nil		20	30				34	135	40		
		phy.			30	40				34	125	41		
20	30	"			40	50				36	115	40		
30	40	"			50	60				30	120	43		
40	50	Chl. ser. phyllite: Slightly limy calcite												
		Essentially filling hair thin fractures.												
		Non graphitic and non magnetic	Nil											
50	60	Same as above	Nil											

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
40	50	Quartz sericite schist. Very finely foliated	Few specks of pyrite		0	10				44	115	38		
		schist consists of about 4% free quartz.			10	20								
		CO_3: Low			20	30				128	130	54		
		Non magnetic and non graphitic			30	40								
50	60	Quartz chl. ser. schist. Some fragments			40	50				94	58	42		
		appear to be phyllitic.			50	60				64	69	48		
		Above rock unit is quite favourable for												
		sulphide masses and the cuttings are												
		similar to host rock at Faro.												

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FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	Overburden. Mixture of chert. qtz., ser. phy.	Nil		0	10				42	105	43		
		chl. phy.			10	20				38	125	48		
10	20	"	Nil		20	30								
20	30	?			30	40				30	110	66		
30	40	Ser. chl. phy; medium sized tabular ser.												
		chl. phy. fragments. Slightly weathered												
		and produced iron oxides.												
		Non graph and non mag. Compositionally												
		similar to Faro host rock overlying schist	Nil											
		units.												

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	Ser. chl. phy: Slightly weathered. Non			0	10				40	150	48		
		mag and non graph.			10	20				36	145	43		
10	20	"			20	30				32	130	44		
20	30	"												

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	10	Over burden: Mixture of phy., qtz. and	Nil		0	10				38	125	41		
		jasper fragments			10	20				38	110	40		
10	20	Same as above	Nil		20	30				32	115	38		
20	30	"	Nil		30	40				36	110	39		
30	40	"	Nil											
		Uncertain — could also be												
		calc. musc. chlor. phyll												
		[illegible] 2/17/[illegible]												

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
10	20	Chl. ser. phy.: CO_3: Nil			0	10				32	120	37		
		Non mag and non graph.	Nil		10	20								
20	30	"			20	30				34	120	37		
30	40	?			30	40								
40	45	Chl. ser. phyllite. Same as 10-20	Nil		40	45				32	115	47		
		Favourable unit.												

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
10	20	Chl. ser. phyllite: Light grey phyllite			0	10	[illegible]			48	68	52		
		consists of about 1% free quartz. Non	Nil		10	20				320	200	140		
		carbonate, non magnetic and non graphitic.												

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
80	90	Chloritic phyllite: CO_3 content: Nil	Nil		0	10				52	145	76		
		Non mag and non graph.			10	20				62	350	130		
					20	30				56	280	120		
					30	40				76	165	240		
					40	50				60	190	150		
					50	60				48	160	94		
					60	70				78	235	86		
					70	80				74	190	60		
					80	90				84	200	80		

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
60	70	Chl. ser. phyllite: Non carbonate thin			0	10				40	110	30		
		tabular fragments of light grey phyllite	Nil		10	20				44	120	26		
		Non magnetic and non graphitic. 8% free			20	30				42	115	30		
		quartz.			30	40				34	74	34		
70	80	Chl. ser. phyllite. As above.			40	50				32	77	38		
					50	60				40	130	40		
					60	70				36	115	46		
					70	80				32	69	42		

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.
70	80	Calcarous Quartz Chlorite Sericite Schist:	OK [initials] 12 Feb 77	
		Negligible amount of biotite.		
		Free Quartz is approximately 2%.		
		Non Graphitic & Non Magnetic		
		CO_3 Content: High		
80	90	" " Few phy. partings of the same mineralogy.		
90	100	" "		
100	110	" "		
110	120	" "		
120	130	" "		
130	140	" "		
140	150	Light Grey Chl. Ser. Schist "	Few specks of py. not so prevalent to mention as a % ge.	
150	160	" "		
160	170	" "		
170	180	" "		
180	190	" "		

ASSAYS From	To	Footage	AU	Hg	PB	ZN	CU	Fe	S
0	10			130	45	110	37		
10	20			87	60	100	34		
20	30			82	47	95	32		
30	40			-	-	-	-		
40	50			120	58	165	43		
50	60			133	35	120	47		
60	70			84	49	140	34		
70	80			50	58	115	29		
80	90			46	65	120	22		
90	100			110	53	115	25		
100	110			29	40	110	29		
110	120			29	57	135	27		
120	130			59	96	182	40		
130	140			108	840	1050	65		
140	150			199	1450	2600	85		
150	160			165	1750	3000	115		
160	170			205	2100	3900	120		

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	[redacted] Hg	PB	ZN	CU	Fe	S
190	200	????			170	180			168	1650	3000	105		
200	210	Light grey calc., qtz., chl., ser., schist.			180	190			199	2200	3750	115		
210	220	????			190	200			185	1200	2100	105		
220	230	Light grey Cal., qtz., chl., ser., schist.	NIL		200	210			199	1100	1900	90		
230	240	Highly calcareous light grey qtz., chl., ser.			210	220			–	–	–	–		
		(Bio) Schist:			220	230			201	1100	1800	80		
		Schist broken into fine fragments.			230	240			186	930	1300	76		
		Quartz -≈5%			240	250			309	1100	1650	92		
		Non Magnetic& Non Graphitic			250	260			218	790	1250	72		
240	250	"	NIL		260	270			218	900	1250	70		
250	260	"	NIL		270	280			389	790	1150	80		
260	270	"	NIL		280	290			257	670	1000	70		
270	280	"	NIL		290	300			207	710	1100	72		
280	290	"	NIL		300	310			216	590	980	59		
290	300	"	NIL		310	320			174	470	750	57		
300	310	"	NIL		320	330			–	–	–	–		
310	320	"	NIL		330	340			–	–	–	–		

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	Hg	PB	ZN	CU	Fe	S
					340	350								
					350	360								
					360	370								
					370	380								
					380	390			247	430	710	56		
					390	400			247	405	730	55		

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
30	40	Chl. ser. phyllite: calcareous grey to light												
		green phyllite breaks into thin tabular												
		fragments. Few fragments of calc silicate												
		Free quartz: 3%. CO_3: Low	Nil											
		Non mag and non graph												
40	50	"	"											
50	60	Chl. ser. phyllite. calcareous	"											
60	70	Grey to light green phy.	"											
70	80	"												
80	90	" Free quartz: 5%	"											
90	100	Chl. ser. bio. phyllite: " 3%												
100	110	Chl. ser. phyllite: dark grey to light grey												
		phyllite. Slightly calcareous. Breaks into												
		thin tabular fragments. White free quartz												
		amounts to 1%. Non mag and non graph.												

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FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
110	120	Same as 100-110. More sericite and less												
		quartz.												
120	130	Chl. ser. phyllite	Nil											
130	140	"	"											
140	150	"	"											
150	160	"	"											
160	170	"	"											
170	180	Chloritic phyllite: Slightly calcareous												
		light grey to light green chloritic phyllite												
		breaks into thin elongated tabular fragments.	"											
		Free quartz: 1%. Non magnetic and non												
		graphitic. CO_3: very low.												
180	190	Chloritic phyllite: non mag and non graph.	"											
		CO_3: Low. Negligible quartz.												
190	200	"												
200	210	"												

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
210	220	CO_3: Low. 1% pure white quartz.												
220	230	"												
230	240	" 4 coarse sand size grains of												
		andalusite.												
240	250	Chloritic phyllite: Negligible quartz.												
250	260	" 2% free quartz												
		CO_3: Low												
260	270	"												
270	280	"												
280	290	"												
290	300	"												
300	310	Chloritic phyllite: CO_3 content: Low												
		Non mag and non graph	Nil											
310	320	"												
320	330	"												

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DIAMOND DRILL CORE LOG - SAMPLE RECORD

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FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
330	340	Chloritic phyllite: Light green to grey												
		chloritic phyllite breaks into thin tabular	Nil											
		fragments. CO_3 content: Low. Non												
		magnetic and non graphitic.												
340	350	"												
350	360	"												
360	370	"												
370	380	"												
380	390	"												

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