MAP NO.:	**ASSESSMENT REPORT** X	**DOCUMENT NO:**	092732
	PROSPECTUS	**MINING DISTRICT:**	Whitehorse
	CONFIDENTIAL X	**TYPE OF WORK:**	Geological, drilling
105 K 5/6	**OPEN FILE**		

REPORT FILED UNDER: Curragh Resources Inc.

DATE PERFORMED: 1 July-18 October, 1989 **DATE FILED:** 26 May, 1989

LOCATION: **LAT.:** 62 22'N **AREA:** Faro

LONG.: 133 30'W **VALUE $:** 33 947.00

CLAIM NAME & NO.: WHI 13 FR. (94618)

WORK DONE BY: L.C. Pigage

WORK DONE FOR: Curragh Resources Inc.

DATE TO GOOD STANDING:

REMARKS: #134 FARO

In 1988, 1:50 000 scale mapping was done in the area northwest of Faro mine site and one NQ hole was drilled totalling 303.6 m. No mineralization was encountered in the drillhole.

OFFICE OF THE REGIONAL MANAGER
MINERAL RIGHTS
MAY 29 1989
WHITEHORSE
YUKON TERRITORY

GEOLOGICAL AND DRILLING REPORT

NORTHWEST OF THE FARO MINE SITE

WHITEHORSE MINING DISTRICT
YUKON TERRITORY

N.T.S. 1056-K-5/6

Latitude: 62° 22' N
Longitude: 133° 30' W

By:

L.C. Pigage, Ph. D. FGAC
Curragh Resources Inc.

Field Work completed July-Sept, 1988
Drilling completed October 11-18, 1988

RECEIVED
MAY 26 1989
MINING
RECORDER'S OFFICE
WHITEHORSE, Y.T.

092732

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 33947.00 .

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
LOCATION AND ACCESS	1
1988 FIELD PROGRAM	3
REGIONAL GEOLOGY	4
INTRODUCTION	4
STRUCTURE AND METAMORPHISM	4
STRATIGRAPHY	5
Mount Mye formation	8
Vangorda formation	8
Massive sulphide deposits	9
Intrusive Rocks	9
Anvil plutonic suite (Anvil Batholith)	9
Intrusive Dykes	10
1988 FIELD GEOLOGY MAPPING RESULTS	11
INTRODUCTION	11
STRATIGRAPHY	13
Unit 1 1CD (Mt Mye)	13
Unit 2 3D/1G (Mt Mye?)	13
Unit 3 1CD (Mt Mye)	15
Unit 4 3D/5B/5C/3F (Vangorda)	16
Anvil Batholith (Mt Mye Phase)	18
10E Dykes	18
10F Dykes	20
STRUCTURE AND METAMORPHISM	20
SURFACE SHOWINGS	21
DRILL HOLE 88FX-01	22
NORTHWEST EXTENSION OF THE FARO DEPOSIT	23
RECOMMENDATION FOR FURTHER WORK	24
SELECTED REFERENCES	26
APPENDIX 1	27
DRILL HOLE 88FX-01 COMPUTER LOG	28
DRILL HOLE 88FX-01 FIELD LOG	38
APPENDIX 2	73
STATEMENT OF QUALIFICATIONS	74
COSTS	75

092732

LIST OF TABLES

		PAGE
Table 1	Anvil District Detailed Logging Lithostratigraphic Code	7

LIST OF FIGURES

		PAGE
Figure 1	Anvil District Location Map	2
Figure 2	Index Map for 1988 Field Work	Pocket
Figure 3	Stratigraphic Section	6
Figure 4	Geology - Map E-6-5 (E 1/2) 1:5000	Pocket
Figure 5	Geology - Map E-6-3 (E 1/2) 1:5000	Pocket
Figure 6	Geology - Map E-6-5 (W 1/2) 1:5000	Pocket
Figure 7	Geology - Map E-6-3 (W 1/2) 1:5000	Pocket
Figure 8	Geology - Map 8 1:5000	Pocket
Figure 9	Geology - Map D-6-4 (E 1/2) 1:5000	Pocket
Figure 10	Geology - Map 7 1:5000	Pocket
Figure 11	Geology - Map 6 1:5000	Pocket
Figure 12	Cross-Section View of Drill Hole 88FX-01	Pocket
Figure 13	Cross-Section X-Y	Pocket

CLAIMS: GRANT NUMBERS:

INTRODUCTION

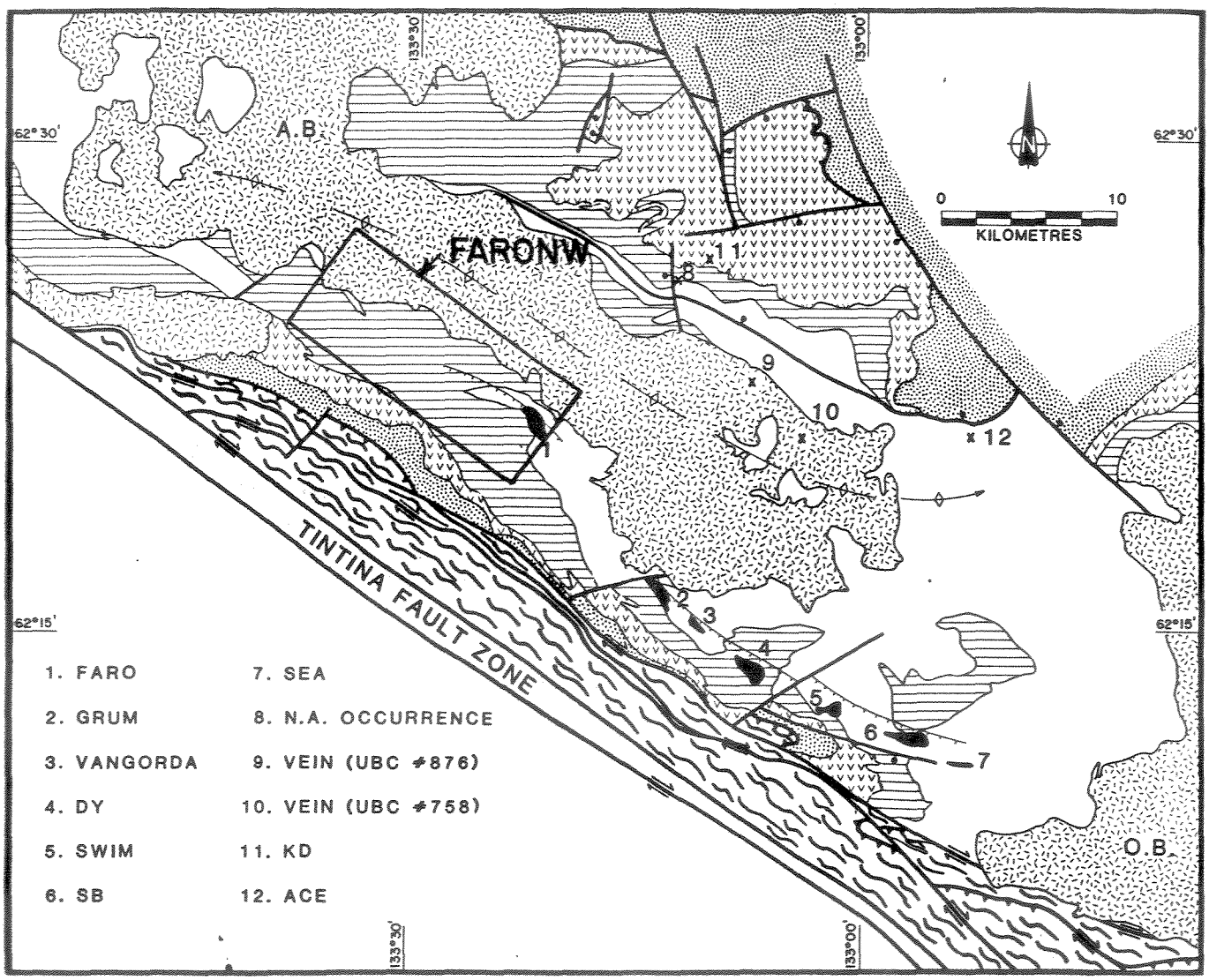
The area immediately northwest of the Faro Mine Site continues to have a large potential for economic mineral deposits because it contains favourable stratigraphy and lies along the curvilinear trend outlined by the known stratiform, massive sulphide deposits in the Anvil District (figure 1). Previous work in this area has consisted of scattered soil geochemical and geophysical surveys, limited trenching, overburden rotary drilling and diamond drilling programs, and regional geologic mapping. These programs were all conducted during the 1960's and 1970's.

Detailed geology work on the known mineral deposits in the Anvil District has greatly improved the understanding of the geometry, stratigraphic location, and present distribution of these deposits. This report presents the results of an exploration program conducted during 1988 to evaluate the area northwest of Faro in light of this much improved geologic framework for mineralization in the Anvil District. The program consisted of 1:5000 scale geologic mapping for the interval July-September, 1988 and the completion of one diamond drill hole between October 11-18, 1988 for a total depth drilled of 303.6 meters.

LOCATION AND ACCESS

Figure 2 shows the area encompassed by the 1988 field program. It extends for approximately 7 kilometers northwest from the Faro Mine

FIGURE 1 ANVIL DISTRICT LOCATION MAP
GEOLOGY AND MINERAL DEPOSITS ARE INDICATED



Site. Diamond drill hole 88FX-01 is located on claim WHI 13 (fraction).

The area is mountainous with elevations ranging from 990-1760 m. ASL. A few dirt roads and cleared cut lines allow limited access to much of the area by ATV and 4 x 4 vehicles. Immediately adjacent to the Faro pit the roads are retricted for safety reasons. Access to remote areas on the northeast margin of the region was accomplished using the Trans North Air helicopter based in Ross River.

1988 FIELD PROGRAM

Fifty days of geological mapping were completed northwest of the Faro Mine Site during the interval July - September, 1988. The base for the field work consisted of 1:5000 scale orthophoto maps prrepared from 1979 low level air photographs (Pigage, 1988). Figures 4 - 11 display the geologic maps based on the field work.

One diamond drill hole, 88FX-01, was collared on claim WHI 13 based on the geologic mapping. Drilling was completed during the interval October 11-18, 1988. Total depth drilled was 303.6 meters. Core from the drill hole is stored in core racks located at Grum camp. Appendix 1 contains detailed field logs for the hole. Figures 12 and 13 are vertical cross sections interpreting the geology encountered in the drill hole.

REGIONAL GEOLOGY

INTRODUCTION

A detailed summary of the geology of the Anvil District is contained in the recent paper by Jennings and Jilson (1986). The following summary pertains more specifically to the geology encountered northwest of the Faro Mine Site.

STRUCTURE AND METAMORPHISM

The Anvil District is a complex polymetamorphic, polydeformed terrane. Lithologic units of the District contain evidence for at least five deformation phases; the first two phases are most significant in that they are penetrative and are accompanied by regional metamorphism. The most prominant fabric element is a shallowly dipping foliation commonly sub-parallel to compositional layering. At higher structural levels this foliation is a well-developed evenulation cleavage which clearly identifies it as having formed during the phase two deformation. At lower structural levels the earlier S1 foliation surface has been totally transposed into this dominant S2 axial plane foliation.

The metasediments are domed to form a northwest-trending culmination cored by Cretaceous granites of the Anvil plutonic suite. Metamorphic grade decreases in intensity radially outward from the granite core and ranges from sillimanite-muscovite zone in

amphibolite facies to chlorite-muscovite zone in greenschist facies. Intrusion of the Anvil plutonic suite is coeval with the regionally developed phase two deformation and metamorphism.

STRATIGRAPHY

The stratiform, massive sulphide ore deposits of the Anvil District formed in the early Palaeozoic - late Proterozoic shale-rich sediments of Selwyn Basin, a major northeasterly convex embayment in the North American miogeocline. Figure 3 summarizes the stratigraphic sequence of the Anvil District containing the ore deposits. Informal formational names are used to describe the pertinent strata. The sulphide deposits occur at the transition from the Mount Mye formation to the Vangorda formation. Figure 3 also indicates correlative regional units mapped in other parts of Selwyn Basin.

One of the major problems in mapping lithologic units in the Anvil District is the variable metamorphic overprint. Cyprus Anvil geologists developed a detailed alphanumeric coding scheme for field mapping and core logging in the district. This code is presently being used by Curragh Resources Inc. geologists. Table 1 lists the lithologic coding for the different formations. Note that the codes delineate differences in metamorphic grade as well as stratigraphic sequence.

FITURE 3. STRATIGRAPHIC SECTION FOR LOWER PALEOZOIC ROCKS IN ANVIL DISTRICT

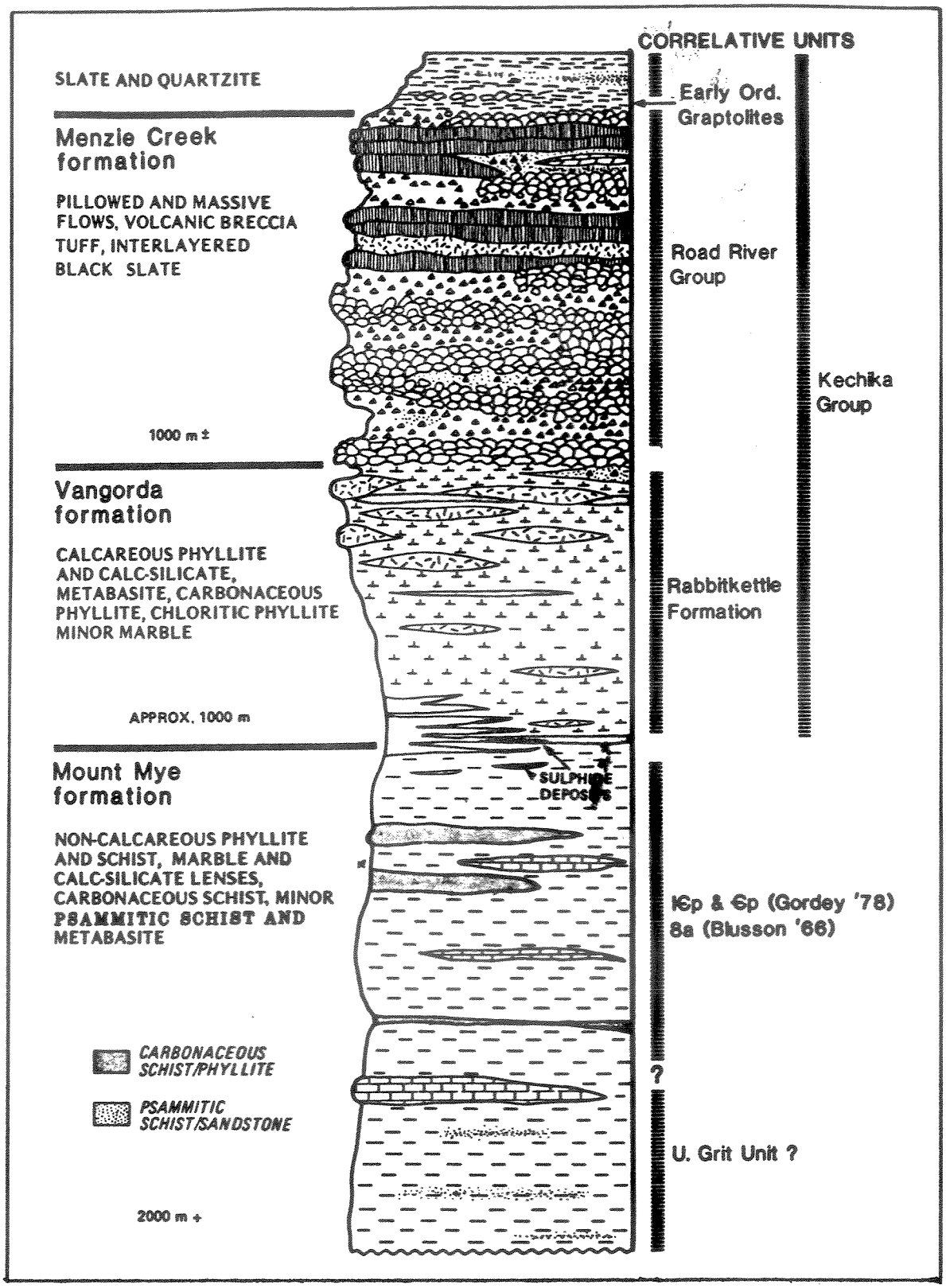


TABLE 1 ANVIL DISTRICT
DETAILED LOGGING LITHOSTRATIGRAPHIC CODE

MAIN DEPOSIT AREA

LITHOSTRATIGRAPHIC CODE

Carbonates

* carbonate
\# calcite
$ dolomite
@ ankerite

Intrusive Rocks

Unit 10	928	10-A	Granodiorite (kspar<plag, quartz>10%)
	929	B	Adamellite (qtz monzonite)
	939	C	Pegmatite
	956	D	Quartz diorite (kspar<<plag, qtz>10%)
	934	E	Diorite (kspar<<plag, qtz<10%)
	925	F	Monzonite (kspar>plag, qtz<10%)
	932	G	Pyroxenite
	937	H	Granite (kspar>plag, qtz>10%)
	930	I	Syenite (kspar>plag, qtz<10%)
	938	Q	Bull qtz veins/pods

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

Vangorda Formation — Intrusive Contact

Unit 5	936	5-A	Variably calcareous, graphitic phyllite (hosts Unit 4; ± 1E, hosts Unit 2)
	920	B	Calcareous muscovite-chlorite±biotite phyllite (greenschist equivalent of 3D)
	908	C	Metabasite
	910	D	Chloritic phyllite
	904	E	Phyllitic marble and silicated marble
	910	F	Laminarly banded, variably calcareous, chloritic phyllite (associated with 5C)
	949	G	Variably calcareous, graphitic phyllite.

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

Faro, Grum, Vangorda, DY Deposits — Conformable Contact

Unit 2/4	922	2/4-A	Sulfide-bearing, ribbon-banded, graphitic quartzite
	915	B	Pyrite-free quartzite (may contain base metal sulfides)
	916	C	Base metal-poor, pyritic quartzite
	942	D	Base metal-bearing, pyritic quartzite
	918	E	Massive pyritic sulfides
	923	F	Buckshot facies, massive sulfides
	928	G	Baritic facies, massive sulfides/sulfates (>10%:$BaSO_4$)
	924	H	Pyrrhotitic facies, massive sulfides
	949	J	Non-pyritic, massive sulfides/oxides
	921	K	Carbonate-bearing, massive pyritic sulfides
	914	L	

1 Siliceous
2 Coarse, porphyroblastic pyrite-bearing
3 Fine pyrite/marcasite-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

2/4L Muscovite>qtz-chl-bio-phyllite (generally sulfide-bearing)

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

Mt. Mye Formation — Conformable Contact

Unit 3	916	3-I	Graphitic quartzite in non-calcareous phyllite/schist
	913	H	Tuffaceous calc-silicate phyllite/schist (assoc. with 3D; identical to 5F)
	941	G	Non-calcareous muscovite-chlorite±biotite phyllite/schist (± 1C, 1D)
	906	F	Marble and silicated marble (± 1G)
	963	E	Graphitic phyllite/schist (≠ 5A)
	913	D	Calc-silicate phyllite/schist (u. greenschist to amphibolite facies equiv. of 5B)
	908	C	Metabasite
	946	B	Chloritic phyllite/schist (c.f. 5D)
	912	3-A	Transition zone with unit 1 (interbanded chloritic phyllite, graphitic phyllite and pelites of Vangorda and Mt. Mye Fms.)
	902	1-B	Tactite and silicated marble (≠ 3F)
	943	C	Quartzo-feldspathic, biotite-muscovite gneiss/schist (± 3G)
	947	D	Carbonaceous biotite-muscovite-andalusite schist (± 3G)
	967	E	Graphitic schist (± 5A)
	908	F	Metabasite (± 3C)
	901	G	Marble and silicated marble (± 3F)
Unit 1	910	1-H	Chloritic schist (c.f. 5D)

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

1 Siliceous
2 Carbonaceous
3 Calcareous
4 Altered, pyritic (wme)*
5 Banded
6 Clotted
7 Staurolitic
8 Chloritic
9 Sulfide-bearing
0 Normal

*(wme) White mica envelope

Mount Mye formation

The Mount Mye formation consists dominantly of noncalcareous muscovite-chlorite phyllite to biotite-muscovite schist, depending on metamorphic grade. Colours range from medium grey to purplish brown. The unit typically weathers to a rusty brown. Important interlayered rock types are carbonaceous phyllite or schist, calcitic marble, thinly banded biotite calc-silicates, and weakly to strongly foliated chlorite-calcite schists and amphibolites. The carbonaceous pelites, chloritic schists, and amphibolites are more abundant near the top of the formation. Marble and calc-silicate schists most commonly occur 200-400 meters below the top of the formation.

Vangorda formation

In the greenschist facies zone, the Vangorda formation is characterized by grey muscovite-chlorite phyllite very thinly interlayered with light grey quartz-calciate bands thought to be derived from siltstone beds and laminae. Although typically calcareous, the quartz siltstone bands are locally dolomitic or noncalcareous. In areas of higher grade metamorphism, the calcareous phyllite is transformed to a thinly and discontinuously banded, pervasively foliated, green, cream and purplish brown biotite calc-silicate. The same lithostratigraphic code is used for calc-silicates in the Mount Mye and Vangorda formations because

these lithologies cannot be readily distinguished in the field.

Interlayered rock types are carbonaceous phyllite or schist, siliceous carbonaceous phyllite or schist, calcitic marble, and weakly to strongly foliated chlorite-calcite schists and amphibolites. Relatively pure calcitic marble is a very minor lithology in the Vangorda formation. Carbonaceous members of the Vangorda formation occur throughout the stratigraphic interval; the thickest and most extensive member is at the base of the formation. The most abundant subordinate lithology of the Vangorda formation is amphibolite (metabasite). Metabasite occurs in lens-shaped bodies with interiors often preserving relict diabasic textures.

Massive sulphide deposits

The Anvil ore deposits are of the sediment-hosted, stratiform, massive pyritic sulphide type. They occur as one or more sulphide lenses through a 150 meter interval straddling the boundary of the Mt. Mye and Vangorda formations. Typically they are associated with discontinuous, regionally developed, carbonaceous, siliceous phyllite/schist units.

Intrusive Rocks

Anvil plutonic suite (Anvil Batholith)

Reconnaissance mapping has delineated 3 intrusive phases in the

Anvil plutonic suite (Pigage and Anderson 1985). The Mount Mye phase is predominant in the area immediately northwest of the Faro Mine Site. It is a peraluminous biotite-muscovite granite. Rb/Sr and K/Ar isotopic dates give a consistent cooling and intrusive date of 100 Ma. The granite typically contains the S2 foliation and is presumed to be intruded synkinematically during the phase 2 deformation.

Intrusive Dykes

All other igneous and metamorphic units in the Faro Northwest area are intruded by dykes belonging to two broad intrusive suites, a porphyritic hornblende-biotite quartz diorite (10E Suite) and a smokey quartz-feldspar-biotite porphyry (10F suite). Both suites are massive and unfoliated, post-dating the Anvil plutonic suite and the phase 2 deformation. Age relations between the two suites are conflicting and uncertain.

10F dykes consist of quartz, biotite, and feldspar microphenocrysts in a pale tan, aphanitic matrix. Quartz phenocrysts are both clear and dark smokey brown. The aphanitic matrix typically weathers extremely rapidly to a loosely coherent, porous mass.

10E dykes typically consist of randomly oriented, elongate hornblende phenocrysts in a equigranular, medium crystalline biotite-feldspar-quartz groundmass. The proportions of hornblende phenocrysts varies greatly, with some samples lacking any readily

visible hornblende.

Locally 10E dykes have a well developed chilled margin phase consisting of coarse hornblende and biotite phenocrysts in a dark brown aphanitic groundmass. The groundmass is typically crowded with white feldspar microphenocrysts.

1988 FIELD GEOLOGY MAPPING RESULTS

INTRODUCTION

The southwest margin of th Anvil Batholith extends along the northeast margin of the map area. Overlying the granite of the batholith are metasediments correlating with the Mount Mye and Vangorda formations as mapped elsewhere in the District. Structurally from lowest to highest, the following units were recognized:

1. noncalcareous biotite-muscovite schist (Mt Mye = 1CD)
2. a heterogeneous unit consisting of interlayered calcitic marble, biotite calc-silicate, and argillaceous calcitic marble (Mt. Mye?= 3D/1G)
3. noncalcareous biotite-muscovite schist (Mt. Mye = 1CD)
4. a heterogeneous unit consisting of biotite calc-silicate with lesser interbands of carbonaceous biotite calc-silicate, metabasite, serpentinized pyroxenite, and calcitic marble. In the southwest this unit is a calcareous

biotite schist to phyllite. (Vangorda = 3D/5C/5B)

All metasedimentary units contain a pervasive axial planar foliation which dips uniformly to the southwest. Detailed petrography and regional correlation indicates this schistosity formed during the D2 formation event. Lithologic contacts are generally conformable with the D2 regional schistosity and trend in compass orientation 150°-160°.

All metasedimentary units are offset along at least three sets of late, nearly vertical faults with orientations 110-120°, 020-45°, and 60-90°. In all cases with these faults, it could not be determined if actual displacement was dominantly strike-slip or dip-slip. In much of the area these faults are the dominant contact between map units.

Two intrusive suites occur in the map area. The Anvil Batholith intrudes units 1 and 2 along the northeast margin of the area. 10E dykes occur in all lithologic units. The dykes have a variety of textures; they are typically associated with the 060-090 faults.

The following sections provide more detailed descriptions of the above units.

STRATIGRAPHY

Unit 1 1CD (Mt Mye)

The structurally lowest unit is a coarsely crystalline, noncalcareous biotite-muscovite-quartz schist. Fresh surfaces are dark grey to silvery brown. Typically it weathers to a rusty tan-brown. The pervasive foliation is strongly defined by alignment of biotite and muscovite. Outcrops generally are confined to ridge tops because the unit weathers recessively.

Main exposures for this unit are between Waste Creek and Next Creek (figure 6). It pinches out to the southeast and is not presently immediately northeast of the Faro Mine Site.

Unit 2 3D/1G (Mt Mye?)

Immediately overlying Unit 1 is a heoterogeneous unit containing the interbanded lithologies biotite calc-silicate (3D) and calcitic marble (1G). An individual outcrop may contain one or more of these lithologies; interbanding typically ranges from a few meters to 10's of meters in thickness. The dominant lithology is 3D with calcitic bands forming less than 30% of the unit.

Lithology 3D consists of a fine grained, dark purplish brown, biotite schist with thin, pale green calc-silicate bands. Banding is on a scale of 0.5-3 centimeters. Proportions of pelite and

calc-silicate range from nearly pure schist to nearly pure calc-silicate. This lithology typically weathers as resistant, dark brown, angular outcrops. Commonly outcrops have a thin white drusy calcite weathering coat, although fresh surfaces are only slightly calcarerous. Banding is discontinuous although small scale isoclinal folds are not readily visible.

Lithology 1G (3F) consists of a medium to fine grained, cream calcite marble which weathers to a medium grey. Weathered outcrops typically have a white calcareous drusy coating. The marble ranges from nearly pure calcite to extremely argillaceous. The argillaceous variant contains abundant 1-3 centimeter thick lenses and bands of purplish brown biotite schist, dark green hornblende calc-silicate, and pale green calc-silicate. Locally the silicate rich bands form a discontinuous network which weathers in relief.

Unit 2 occurs mainly immediately northwest of the Faro Mine Site. It extends northwesternly to just beyond Next Creek (figures 4, 6). The contact with the underlying Unit 1 is not exposed but appears to be comformable both with the overall S2 foliation and the trend of the calcitic marble bands contained within this unit. This trend is in compass direction 150°-160°.

In contrast the contact with unit 3 trends 110°-120° and clearly crosscuts the structural grain defined by the calcitic marble horizons. This contact has been interpreted as a major vertical fault with uncertain displacement. If interpreted as a normal

fault, the southwest block is downthrown. If movement is strike-slip it must be interpreted as a left-lateral fault.

Unit 3 1CD (Mt Mye)

Unit 3 consists of a medium grained; light tan weathering biotite-muscovite-quartz schist. The schist is compositionally banded on a small scale with coarser grained micaceous intervals alternating with finer grained quartzose intervals. The dominant S2 foliation is pervasively delineated by a strong biotite and muscovite orientation.

Locally this unit contains radiating, elongate dark green prisms on the foliation surface. These aggregates consist of dark green chlorite pseudomorphing an unknown metamorphic mineral. Lithogically this unit strongly resembles Unit 1.

The greatest thickness for this unit occurs immediately northwest of the Faro Mine Site extending to Next Creek (figure 6). In this area both upper and lower contacts for this unit appear to be near vertical faults trending 110°-120°. Both faults have apparent displacements consistent with left lateral strike slip movement or southwest block downthrown normal movement.

Immediately southeast of Next Creek Unit 3 contains a thick hornblende metabasite (figure 6). This metabasite appears to be located near the conformable upper contact of this unit.

Unit 4 3D/5B/5C/3F (Vangorda)

The uppermost unit mapped northwest of Faro is a fine grained, dark purplish brown, biotite schist with thin, pale green calc-silicate bands. Banding is on a scale of 0.5-3.0 centimeters. Proportions of pelite and calc-silicate range from nearly pure calc-silicate to nearly pure schist. Banding is discontinuous. Lithologically unit 4 is identical to unit 2 . Fresh samples are typically noncalcareous to only slightly calcareous. Weathered outcrops typically have a thin, white, calcareous, drusy surface coating.

Between Waste Creek and Next Creek (figures 6, 7), Unit 4 goes through a moderately rapid transition from 3D calc-silicate (to the northeast) to 5B biotite schist/phyllite (to the southwest). This transition is correlated with decreasing metamorphic grade and is not related to any major faulting.

Unit 4 contains numerous thick interbands of hornblende amphibolite and/or chloritic schist. Amphibolites are dark green and locally contain biotite and plagioclase. In some locations the amphibolites preserve a relict diabasic texture. Chloritic schists, in contrast, are strongly foliated and medium olive green. Relict igneous textures have been totally destroyed. Both rock types are considered to be intrusive basaltic dykes and sills.

In the northwest limit of the area mapped (figures 8, 10, 11), a

coarsely crystalline, dark brown pyroxenite is associated with a hornblende amphibolite sill. Pyroxenite is strongly magnetic, indicating it is partly to completely serpentinized. The margins of the pyroxenite have a poorly developed deformation foliation which disappears when progressing towards the centre of the unit.

Locally on the margins of the metabasites, the 3D calc-silicates do not have any biotite and are therefore banded in shades of pale green and cream. This variant is mapped as 5D field and probably represents a contact metamorphic effect when the metabasites were originally intruded. This marginal effect typically extends for several meters away from the metabasite.

Immediately northwest of Next Creek (figure 8), Unit 4 contains abundant dark grey biotite calc-silicate schist. This carbonaceous band includes at least one thin black carbonaceous calcitic marble. Unit 4 also contains minor interbands of medium crystalline grey calcitic marble. Marble bands are generally less than 5 meters thick. Locally they contain disseminated biotite.

The 3D calc-silicates of Unit 4 are lithologically indistinguishable from those of Unit 2. Major contrasts between the two units are largely in the proportions of the different interbands. Unit 2 only has minor metabasite and contains numerous calcitic marble bands. In contrast Unit 4 has abundant metabasite and only minor calcitic marble. Unit 4 also contains carbonaceous horizons which have not been observed in Unit 2 in this area.

Anvil Batholith (Mt. Mye Phase)

The Anvil Batholith consists of a medium grained, biotite-muscovite granite with large K-feldspar phenocrysts up to 5-10 centimeters long. Outcrops contain a pervasive, poorly defined S2 foliation delineated by ribbon quartz, muscovite, biotite, and K-feldspar phenocrysts. This foliation is concordant with the pervasive schistosity developed in adjacent metasediments.

Immediately northeast of the Faro Mine Site (figure 4), the granite contains a well developed S-C banding related to a major fault bounding the margin of the granite. Angular relations between the S- and C- bands are consistent with extensional faulting with the granite forming the upthrown block. This extensional fault has general orientation 140/50 SW.

Further to the northwest the S-C banding and the extensional fault apparently die out. Instead the intrusive marginal contacts of the granite appear to be roughly conformable with the dominant S2 schistosity present in both the granite and the enclosing metasediments.

10E Dykes

All units are intruded by massive, unfoliated, medium grained, porphyritic hornblende-biotite quartz diorite. The dykes are characterized by randomly oriented hornblende phenocrypts up to 5

centimeters long. Locally biotite phenocrysts are present as well.

Some outcrops exhibit a chilled marginal intrusive phase consisting of hornblende and biotite phenocrysts in a dark brown, aphanitic matrix. This matrix is typically crowded with abundant white feldspar microphenocrysts. In some cases this chilled phase constitutes the entire dyke.

The dykes range in thickness from less than 1 meter to hundreds of meters. Dominantly they are steeply dipping to vertical and have a consistent 060-090 trend. The largest concentration of dykes occurs immediately northwest of the Faro Mine Site (figure 4), southeast of Next Creek (figure 6), and extending from Next Creek to the northwest limit of mapping (figures 6, 8, 10). This last dyke has a maximum apparent thickness of 750 meters.

Northeast of the Faro Mine Site and southeast of Next Creek (figures 4, 6), the dykes appear to be associated with near vertical, left-lateral strike-slip faults. This demonstrated association suggests that similar faults should be interpreted in association with well developed 10E dykes in other areas.

The massive, unfoliated nature of the dykes indicates they were intruded after the S2 deformation. This timing is substantiated immediately northeast of the Mine Site where the 10E dykes pass uninterrupted from the 3D calc-silicates into the Anvil Batholith. These particular dykes also cross-cut (and hence postdate) the

marginal fault bounding the Anvil Batholith in this area. At present there are no geological constraints on the minimum age for the 10E dykes.

10F Dykes

Small scattered outcrops of fine-grained, pale grey to tan, smokey quartz-feldspar porphyry occur immediately northeast of the Faro Mine Site and northwest of Next Creek. Age relations of this porphyry to the other intrusive units is uncertain because of the extremely limited occurrences. The outcrops are massive, indicating intrusion of the dykes postdates emplacement and deformation of the Anvil Batholith.

STRUCTURE AND METAMORPHISM

Metamorphic mineral assemblages in the schists, carbonates, and calc-silicates are indicative of amphibolite facies metamorphism. In the southwest portion of the map area metamorphic grade decreases to upper greenschist facies as delineated by the calcarerous biotite phyllites of the Vangorda formation. Coexisting minerals are high variance assemblages and therefore do not permit tightly constrained estimates of pressure-temperature conditions during metamorphism.

All units except the 10E and 10F dykes contain a pervasive foliation which dips gently to the southwest. Regional correlation indicates this foliation is caused by the second folding deformation in the

District. In the hornblende amphibolites (metabasites) this foliation is locally only poorly developed as a crenulation cleavage, and the earlier phase 1 folding deformation foliation is the dominant planar fabric.

Locally the S2 foliation is deformed by a later coaxial folding deformation. Minor folds are northeast-verging with a shallow southeast or northwest plunging axis. These folds are occompanied by a weakly developed axial planar crenulation cleavage.

Metasediments in the map area form a generally homoclinal sequence of interbanded calc-silicates and schists which can be divided into four units. Conformable litholigic/structural contacts within this sequence trend 150°-160°. This orientation is concordant with the S2 fold axis trend.

Several of the mapped units are juxtaposed by near vertical faults. Detailed mapping has been unable to determine if actual movement along these faults is strike-slip or dip-slip. Apparent displacement consistently left-lateral strike-slip. These faults form the major contacts between Units 2-3 and 3-4 immediately northwest of the Faro Mine Site.

SURFACE SHOWINGS

Near Waste Creek (adjacent to Faro Mine Site) stations 88-136, 88-137 and 88-60, 88-61 consisted of bright orange-weathering,

rusty, noncalcareous schist outcrops (figures 4, 6). Because of the extensive weathering I was not able to determine the minerals causing the extreme rust colour. Outcrops 88-60 and 88-61 are located near the major fault separating units 2 and 3. Possibly the anomalous weathering colour is related to the fault.

In the northwest portion of the map area, stations 88-422 and 88-468 contain skarn silicate mineral assemblages (figure 10). With station 88-468 the skarn assemblage includes minor reddish brown sphalerite. The areal extent of the skarn mineralization has not yet been determined.

DRILL HOLE 88FX-01

Based on the 1988 geology mapping, drill hole 88FX-01 was collared in the lowermost part of the Vangorda formation. The site was also selected so that a regional structural cross section could be interpreted using drill hole 79F-01 (figures 12, 13).

Appendix 1 contains the detailed drill log. Total depth of the hole was 303.6 meters. The drill hole successfully intersected the transition zone between the Vangorda and Mt. Mye formations which corresponds to the stratigrapahic interval containing the Anvil District stratiform deposits. No mineralization was intersected. In the interval approximately corresponding to the Faro deposit, the drill hole did intersect a carbonaceous phyllite, suggesting a distal anoxic basinal equivalent of the Faro mineralization.

Drill hole 88FX-01 also encountered a thick metabasite unit within the upper part of the the Mt. Mye formation. This metabasite most logically correlates with the amphibolites mapped at stations 88-209, 210, 220, 221, 224, 225 and 226. This unit was not intersected in drill hole 79F-01, confirming the 150°-160° trend for comformable lithologic contacts in this general area.

Drill hole 88FX-01 was not deep enough to intersect the calc-silicate units encountered in 79F-01.

NORTHWEST EXTENSION OF THE FARO DEPOSIT

At the present northwest limit of the Faro pit, the Faro deposit has been intruded by a large 10E dyke. A few scattered exploration drill holes indicate that the deposit does not appear to extend northwest beyond the dyke. The abrupt "disappearance" of the Faro deposit necessarily must be linked to the fault patterns discovered during the 1988 mapping program.

Elsewhere in the map area, the 10E dykes are consistently spatially associated with near-vertical faults trending 070°-090°. These faults have apparent left latual displacement, although actual displacement directions could not be determined.

It would be logical to assume that a similar fault is associated with the major 10E dyke at the northwest margin of the Faro pit. If

actual movement on the fault was dipslip, the northwest extension of the Faro deposit would have been displaced upward and hence eroded. If actual displacement on the fault was strike slip, the northwest extension of the Faro deposit would have been displaced to the west from the present Faro pit. Any such displacement would be difficult to delineate exactly because of interference caused by the major fault forming the contact between Units 3 and 4. Timing relations between these two faults are uncertain.

Northwest of Next Creek, the Vangorda formation (Unit 4) is the major unit exposed in the area mapped (figures 8, 10, 11). The favourable horizon for stratiform deposits is below the present erosion level. Exploration in this area must be completed using a gridded drill pattern.

RECOMMENDATION FOR FURTHER WORK

Mapping should be continued further to the northwest. The mapping completed during the 1988 field season has outlined structural/stratigraphic units and delineated several major faults which have displaced the favourable stratigraphic horizon. Further mapping should help locate favourable areas and delineate actual and apparent displacements on some of the major faults encountered during this field season. Current mapping was unable to definitively differentiate between possible major folds and thrust faults within the interbanded schists and calc-silicates.

Drill hole 88FX-01 should be deepened to intersect the lower calc-silicate unit encountered in drill hole 79F-01. The carbonaceous schist in drill hole 88FX-01 which was tentatively correlated with the Faro deposit should be split and assayed for Pb, Zn, Ag, and Ba (and possibly several other elements as a multielement package). It is advantageous to determine if this unit has any geochemical signature which could be used to indicate this is a distal equivalent to the Faro deposit.

Outcrop stations 88-136 and 88-137 were previously identified as extremely rusty weathering outcrops. The weathering precludes determination of the primary mineralogy for these outcrops. Interestingly, drill hole 67F-01 intersected a zone of galena and sphalerite mineralizaation in fractures at about the proper depth assuming a reasonable southwest dip. The downdip extension of these rusty outcrops should be drill tested to confirm the extent of mineralization and to close off the Faro deposit to the northwest. A depth of 100 meters would test the rusty outcrops; a depth of 300 meters would be a better test for the northwest extension of the Faro deposit.

SELECTED REFERENCES

Jennings, D.S. and Jilson, G.A., 1986. Geology and sulphide deposits of Anvil Range, Yukon. In Morin, J. (editor) Mineral Deposits of Northern Cordillera, CIMM Special Paper 37, 319-361.

Pigage, L.C., 1988. 1988 Orthophoto Map for Rose Creek area northwest of the Faro Mine Site. Curragh Resources Inc. internal report, 14 pg.

Pigage, L.C. and Anderson, R.G. 1985. The Anvil plutonic suite, Faro, Yukon Territory. Canadian Journal Earth Sciences, 22, 1204-1216.

APPENDIX 1

Drill Hole Report

Record -1 Drill Hole - 88FX-01

UTM Northing	Easting	Elev
915610.1	581350.9	1259.0

Length: 303.6 Section:
Type: DDH Core: NQ Location: GRUM

Logged by: CVR/LCP Date: 10/20/88
Comments:

DOWNHOLE SURVEYS

Distance (m)	Dip	Az UTM	Method
.0	-90.0	.0	AT COLLAR
23.8	-89.0	36.0	SS SINGLE SHOT
115.2	-82.0	36.0	SS SINGLE SHOT
206.7	-77.5	44.0	SS SINGLE SHOT
298.1	-75.0	44.0	SS SINGLE SHOT

ASSAYS

Drill Hole: 88FX-01
Northing: 915610.1 Easting: 581350.9 Elevation: 1259.0
Length: 303.6 Core: NQ Section:

Sample #	---Depth--- From	To	Int m	Rec %	Rock Unit	Rock Code	Pulp S.G.	Pb+Zn %	Pb %	Zn %	Ag-AA g/t	Ag-FA g/t	Au g/t	Po+Py %	Po %	Py %	BaO %	Cu %
	-1.0	-1.0	-1.0	-1		-1	-1.00	-1.00	-1.00	-1.00	-1.0	-1.0	-1.0	-1.00	-1.00	-1.00	-1.00	-1.00

LITHOLOGIES

Drill Hole: 88FX-01
Northing: 915610.1 Easting: 581350.9 Elevation: 1259.0
Length: 303.6 Core: NQ Section:

From	To	Unit	Description
.0	4.1	#	TRICONED - NO RECOVERY
4.1	12.6	3D0	&9 WEAK MODERATELY WEATHERED
12.6	14.4	3C4#	MODERATELY WEATHERED
14.4	24.7	3D0	&9 WEAK
24.7	27.0	3D9	&3 MINOR
27.0	30.4	3D9	
30.4	32.6	3C4#	BIO (3D0 &9 WEAK) (10Q0) 50:40:10
32.6	37.3	3D0	9 WEAK (3C4#) TRACE
37.3	50.9	3D0 &9	
50.9	54.3	3D0	&BXA (INCIPIENTO &GOUGE &7 TRACE
54.3	55.5	1CD8	
55.5	56.8	1F4$	BIO (1CD8) 85:15
56.8	59.3	1CD8	
59.3	60.7	1F$	BIO
60.7	66.1	1CD08	[1CD &8] (1F$4) 90:10
66.1	67.4	1F$	
67.4	81.1	1CD0	&8 MINOR (1F$) TRACE
81.1	82.1	1CD8	(1F$ BIO) 75:25
82.1	93.5	1CD08	(1F$ BIO) MINOR
93.5	95.9	1F$	
95.9	105.0	1CD	GARNET
105.0	107.1	1F$	BIO (1CD) 90:10
107.1	114.1	1CD8	
114.1	115.0	1F$	BIO (1CD8) 65:35
115.0	117.4	1CD8	
117.4	119.5	1CD8	BXA GOUGE
119.5	123.0	1F0	BIO &$4 MINOR (1CD8) 95:05
123.0	125.0	1CD	(1F0 BIO $ MINOR) (10Q0) 40:30:30
125.0	132.6	1CD0	[1D0]
132.6	135.2	1CD0	(1F0 BIO) 75:25
135.2	140.1	1CD	-> 1CD0 4 MINOR
140.1	146.6	1CD0	(1F$) 70:30
146.6	148.6	1CD0	-> (1CD4) 60:40
148.6	150.1	100#	(1CD4) 70:30
150.1	154.4	1CD0	
154.4	158.0	1CD64	
158.0	170.1	1CD0	
170.1	174.2	1CD64	(1CD4) (1F4# BIO) 80:20:TRACE
174.2	178.3	1CD0	
178.3	184.4	1CD02	(1CD0) 70:30
184.4	186.4	1CD08	(1F0) 65:35
186.4	190.2	1CD08	
190.2	194.8	1CD4 &68	
194.8	196.7	1F$	(1CD8) 60:40
196.7	202.7	1F$ &4	

202.7	204.7	1CD8	
204.7	209.1	1FO	* MINOR
209.1	211.5	1F4$	
211.5	219.2	1F*	
219.2	224.7	1CD8	
224.7	227.7	1F*	(1CDO) 90:10
227.7	230.0	1F4$	"ZEBRA ROCK"
230.0	231.6	1F*	& BIO
231.6	235.0	1F4$	"LEOPARD ROCK"
235.0	238.2	1CD4	
238.2	255.7	1CD64	
255.7	261.7	1CD4	&BXA
261.7	275.4	1CD64	(1CD4) 75:25
275.4	279.7	1CD6	4 MINOR
279.7	282.5	1CD64	
282.5	284.1	1F4 &BXA	
284.1	287.7	1CD4	
287.7	300.0	1CD64	
300.0	303.6	1CD0	-> 1CO

SAMPLES TAKEN - OTHER THAN ASSAY INTERVALS

Drill Hole: 88FX-01
Northing: 915610.1 Easting: 581350.9 Elevation: 1259.0
Length: 303.6 Core: NQ Section:

From m	To m	Unit	Dept	Date	Purpose
-1.0	-1.0			/	

STRUCTURES

Drill Hole: 88FX-01
Northing: 915610.1 Easting: 581350.9 Elevation: 1259.0
Length: 303.6 Core: NQ Section:

Distance m	Sym	Ftr	Dip RFE	Dir	Ftr	Dip A	Dir	Ftr	Dip B	Dir	Ftr	Dip C	Dir	Comments
6.2		PS2	80	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
12.3		PS2	78	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
19.1		PS2	62	220		-1	-1		-1	-1		-1	-1	BIOTITE FOLIATION
23.8		PS2	70	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
29.6		PS2	69	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
36.3		PS2	68	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
40.1		PS2	71	220		-1	-1		-1	-1		-1	-1	CARBONACEOUS FOLIATION
46.0		PS2	63	220		-1	-1		-1	-1		-1	-1	CARBONACEOUS FOLIATION
55.5		PS2	72	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
59.4		PS2	72	220		-1	-1		-1	-1		-1	-1	CHLORITE BANDING
64.0		PS2	77	220		-1	-1		-1	-1		-1	-1	DOLOMITE BANDING
69.8		PS2	73	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
75.3		PS2	70	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
81.4		PS2	76	220		-1	-1		-1	-1		-1	-1	CHLORITE BANDING
86.9		PS2	75	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
92.4		PS2	53	220		-1	-1		-1	-1		-1	-1	BIOTITE FOLIATION
98.8		PS2	74	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
103.3		PS2	74	220		-1	-1		-1	-1		-1	-1	BIOTITE FOLIATION
109.4		PS2	80	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
114.6		PS2	70	220		-1	-1		-1	-1		-1	-1	BIOTITE BANDING
120.5		PS2	80	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
126.8		PS2	70	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
132.6		PS2	69	220		-1	-1		-1	-1		-1	-1	BIOTITE BANDING IN 1F
138.1		PS2	76	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
144.3		PS2	68	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
151.2		PS2	68	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
155.4		PS2	72	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
162.2		PS2	66	220		-1	-1		-1	-1		-1	-1	BIOTITE FOLIATION
167.0		PS2	75	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
175.6		PS2	63	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
178.6		PS2	70	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
185.0		PS2	65	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
190.8		PS2	50	220	FRCT	30	0		-1	-1		-1	-1	MICACEOUS FOLIATION
192.6		PS2	70	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
197.2		PS2	68	220		-1	-1		-1	-1		-1	-1	CHLORITIC FOLIATION - APPROACHING CS2
201.8		PS2	70	220		-1	-1		-1	-1		-1	-1	CHLORITIC FOLIATION
208.8		PS2	73	220		-1	-1		-1	-1		-1	-1	CHLORITIC LAMINAE - APPROACHING CS2
215.5		PS2	73	220		-1	-1		-1	-1		-1	-1	CHLORITIC LAMINAE
219.8		PS2	55	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
224.6		PS2	65	220	CS3	38	0		-1	-1		-1	-1	MICACEOUS FOLIATION
226.2		CS2	78	220	PS1	75	90		-1	-1		-1	-1	CHLORITIC LAMINAE IN METABASITE
236.5		PS2	63	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
241.7		PS2	80	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION
249.0		PS2	65	220		-1	-1		-1	-1		-1	-1	MICACEOUS FOLIATION

255.0		PS2	65	220		-1	-1	-1	-1	-1	-1	MICACEOUS FOLIATION
259.4		PS2	70	220	FRCT	20	0	-1	-1	-1	-1	MICACEOUS FOLIATION / LATE INCIPIENT FRACTURE CLEA
265.8		PS2	70	220		-1	-1	-1	-1	-1	-1	MICACEOUS FOLIATION
271.9		PS2	75	220	CS3	55	0	-1	-1	-1	-1	MICACEOUS FOLIATION / INCIPIENT CRENULATION CLEAVA
278.0		PS2	65	220		-1	-1	-1	-1	-1	-1	MICACEOUS FOLIATION
281.0		PS2	55	220		-1	-1	-1	-1	-1	-1	MICACEOUS FOLIATION
282.5		PS2	25	220		-1	-1	-1	-1	-1	-1	MICACEOUS FOLIATION
286.8		PS2	50	220		-1	-1	-1	-1	-1	-1	MICACEOUS FOLIATION
288.6		PS2	65	220		-1	-1	-1	-1	-1	-1	MICACEOUS FOLIATION
292.9	M	PS2	60	220		-1	-1	-1	-1	-1	-1	MICACEOUS FOLIATION / PHASE 2 FOLD NOSE
299.9		PS2	65	220		-1	-1	-1	-1	-1	-1	MICACEOUS FOLIATION
303.3		PS2	60	220	PS1	20	0	-1	-1	-1	-1	MICACEOUS FOLIATION (PS2) / COMPOSITIONAL BANDING

FAULT FEATURES

Drill Hole: 88FX-01
Northing: 915610.1 Easting: 581350.9 Elevation: 1259.0
Length: 303.6 Core: NQ Section:

From m	To m	Feature	Recovery m	Dip Upper	Dir Upper	Dip Intrn	Dir Intrn	Dip Lower	Dir Lower	Comments
-1.0	-1.0			-1	-1	-1	-1	-1	-1	

114.9	118.0	3.1	3.1	100	2.0	64	-1	-1	-1.0	NQ
118.0	120.1	2.1	2.2	100	.6	28	-1	-1	-1.0	NQ
120.1	122.8	2.7	2.6	96	2.0	74	-1	-1	-1.0	NQ
122.8	124.1	1.3	1.5	100	1.2	92	-1	-1	-1.0	NQ
124.1	127.1	3.0	3.2	100	2.8	93	-1	-1	-1.0	NQ
127.1	130.1	3.0	3.1	100	2.9	96	-1	-1	-1.0	NQ
130.1	133.2	3.1	3.1	100	2.6	83	-1	-1	-1.0	NQ
133.2	136.2	3.0	3.0	100	2.7	90	-1	-1	-1.0	NQ
136.2	138.8	2.6	2.5	96	.6	23	-1	-1	-1.0	NQ
138.8	141.1	2.3	2.4	100	1.2	52	-1	-1	-1.0	NQ
141.1	142.3	1.2	1.2	100	.2	16	-1	-1	-1.0	NQ
142.3	145.4	3.1	3.1	100	2.3	74	-1	-1	-1.0	NQ
145.4	148.4	3.0	3.1	100	2.4	80	-1	-1	-1.0	NQ
148.4	150.9	2.5	2.7	100	1.3	52	-1	-1	-1.0	NQ
150.9	153.9	3.0	3.1	100	2.7	90	-1	-1	-1.0	NQ
153.9	157.3	3.4	3.3	97	2.2	64	-1	-1	-1.0	NQ
157.3	160.5	3.2	3.2	100	2.5	78	-1	-1	-1.0	NQ
160.5	163.7	3.2	3.3	100	2.2	68	-1	-1	-1.0	NQ
163.7	166.7	3.0	3.3	100	2.7	90	-1	-1	-1.0	NQ
166.7	169.8	3.1	3.2	100	2.5	80	-1	-1	-1.0	NQ
169.8	172.8	3.0	3.2	100	2.0	66	-1	-1	-1.0	NQ
172.8	175.9	3.1	3.1	100	1.2	38	-1	-1	-1.0	NQ
175.9	178.6	2.7	3.2	100	1.1	40	-1	-1	-1.0	NQ
178.6	181.7	3.1	2.7	87	.2	6	-1	-1	-1.0	NQ
181.7	183.5	1.8	1.8	99	.0	0	-1	-1	-1.0	NQ
183.5	186.5	3.0	3.4	100	1.1	36	-1	-1	-1.0	NQ
186.5	188.1	1.6	1.9	100	.5	31	-1	-1	-1.0	NQ
188.1	190.2	2.1	1.6	76	.2	9	-1	-1	-1.0	NQ
190.2	191.1	.9	.9	99	.5	55	-1	-1	-1.0	NQ
191.1	194.2	3.1	3.2	100	1.2	38	-1	-1	-1.0	NQ
194.2	197.2	3.0	3.3	100	1.7	56	-1	-1	-1.0	NQ
197.2	200.3	3.1	3.0	96	2.7	87	-1	-1	-1.0	NQ
200.3	202.4	2.1	2.2	100	.6	28	-1	-1	-1.0	NQ
202.4	204.5	2.1	2.3	100	.6	28	-1	-1	-1.0	NQ
204.5	206.3	1.8	1.9	100	1.5	83	-1	-1	-1.0	NQ
206.3	209.4	3.1	3.2	100	2.9	93	-1	-1	-1.0	NQ
209.4	212.4	3.0	3.1	100	2.5	83	-1	-1	-1.0	NQ
212.4	215.5	3.1	3.2	100	2.1	67	-1	-1	-1.0	NQ
215.5	218.5	3.0	3.1	100	2.8	93	-1	-1	-1.0	NQ
218.5	221.6	3.1	3.2	100	2.5	80	-1	-1	-1.0	NQ
221.6	224.6	3.0	3.4	100	2.1	69	-1	-1	-1.0	NQ
224.6	227.7	3.1	2.9	93	2.5	80	-1	-1	-1.0	NQ
227.7	230.7	3.0	3.1	100	2.8	93	-1	-1	-1.0	NQ
230.7	233.8	3.1	3.4	100	1.8	58	-1	-1	-1.0	NQ
233.8	236.4	2.6	2.7	100	1.0	38	-1	-1	-1.0	NQ
236.4	237.1	.7	.9	100	.0	0	-1	-1	-1.0	NQ
237.1	239.9	2.8	2.9	100	1.5	53	-1	-1	-1.0	NQ
239.9	242.9	3.0	3.2	100	2.6	86	-1	-1	-1.0	NQ
242.9	246.0	3.1	3.3	100	2.3	74	-1	-1	-1.0	NQ
246.0	249.0	3.0	3.0	100	2.5	83	-1	-1	-1.0	NQ
249.0	255.1	6.1	3.1	50	2.6	42	-1	-1	-1.0	NQ
255.1	258.2	3.1	3.2	100	1.5	48	-1	-1	-1.0	NQ
258.2	259.2	1.0	1.0	100	.0	0	-1	-1	-1.0	NQ
259.2	261.2	2.0	2.0	100	.9	45	-1	-1	-1.0	NQ

261.2	264.3	3.1	3.2	100	2.5	80	-1	-1	-1.0	NQ
264.3	267.3	3.0	3.1	100	2.2	73	-1	-1	-1.0	NQ
267.3	270.4	3.1	3.2	100	2.4	77	-1	-1	-1.0	NQ
270.4	273.4	3.0	3.1	100	2.7	90	-1	-1	-1.0	NQ
273.4	276.5	3.1	3.2	100	2.2	70	-1	-1	-1.0	NQ
276.5	279.5	3.0	3.1	100	2.7	90	-1	-1	-1.0	NQ
279.5	282.5	3.0	3.1	100	2.2	73	-1	-1	-1.0	NQ
282.5	285.4	2.9	3.2	100	.8	27	-1	-1	-1.0	NQ
285.4	288.6	3.2	3.5	100	1.5	46	-1	-1	-1.0	NQ
288.6	291.7	3.1	3.1	99	1.1	35	-1	-1	-1.0	NQ
291.7	294.7	3.0	3.4	100	2.1	69	-1	-1	-1.0	NQ
294.7	297.8	3.1	3.1	100	2.3	74	-1	-1	-1.0	NQ
297.8	300.5	2.7	3.2	100	2.1	77	-1	-1	-1.0	NQ
300.5	303.6	3.1	3.2	100	3.2	100	-1	-1	-1.0	NQ

CURRAGH RESOURCES INC. Page 1 of ____

DIAMOND DRILL CORE LOG Date: ____

Hole Number: 88 FX-01

Reference Fabric Orientation Diagram:

Project: Faro Northwest Exploration

Location: ____

Claim: ____

UTM ~~Terr.~~ Plane Co-ords.: 6,915,610 N

581,350 E

Grid Co-ords: ____

Elevation: 1259 m.

All symmetry determinations looking

Total Depth: 996 feet (303.6 m) NW with 52 dipping

Inclination: -90° (vertical) SW with dip azimuth ____.

Purpose: test favourable horizon (Vangorda - Mt Mye contact) for sulphides

Reason hole Terminated: No sulphides encountered + out of money

Logged by: C.V. Reed / L.C. Pigage

Date(s) Logged: Oct 18 - 20, 1988

Drilling Contractor: Arctic Diamond Drilling

Hole Cemented: No

Steel down Hole: ____

Assay Lab: ____

Size	CORE From feet	To	Collar Cased and Capped: Yes
NW	0	10 no core	10' casing
NQ	10	996	

Certificate No's: ____

Started: Oct 13/88 Completed: Oct 18/88

C.R.I. 1987 E - 1

CURRAGH RESOURCES INC.

Diamond Drill Core Log

DDH 88FX-01 (2 / 8)

Date: Nov 3/88 Logged By: LCP + CVR

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
1	2 8	10 16	17 24	25 32	34 39	41 42	
T	88FX-01	112519	9115610	5813510	feet	512	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	88FX-01	0	180.0	0.0	ATCOLLAR
R	88FX-01	23.8 1078	179.0	?.?	DIRECTION UNREADABLE
R	88FX-01	115.2 1378	172.2	036.0	SPERRY SUN SINGLE SHOT
R	88FX-01	206.7 1678	167.5	044.0	SPERRY SUN SINGLE SHOT
R	88FX-01	298.1 1978	165.3	044.0	SPERRY SUN SINGLE SHOT
R	88FX-01	298.1 1780	164.7	043.0	SPERRY SUN SINGLE SHOT
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	
R			.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
1	2 8	10 56
		AZIMUTH FROM TOP IS ASSUMED 036

C.R.I. 1987 E

DDH BBFX-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: OCT 18/88 Logged By: CUR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	10 0	113 6		1	1P1	TRENCHED - NO RECOVERY
		41 1				
	113 6	141 5		2	13P10	± 9 weak Moderately Weathered
		126				Mud bearing, dull dark green-grey, thinly PS2 laminated, calc-
						chlorite-phyllite. Contains abundant patchy orange rust on S2 +
						fracture surfaces - local slight patchy rust on cut surface near
						TOH. Where fresh, S2 surfaces are dull dark green-grey to
						locally black w/ sericite bulge. Contains abundant thinly PS2
						laminated, finely xtaline dark dull green hornblende ± chl ± qtz ±
						. Within this fine sericite thinly laminated "graywackeous" are
						thin slightly coarser white-grey ± apple green qtz-carb-epidote bands ranging from
						1mm to 4cm thick. Average thickness 1½ cm. Bands are
						aligned // to S2 and are approx 5% of the unit volume
						Pyrite occurs locally in bands developed in 1 to 2mm
						thick bands // to S2
						Unit is locally slightly carbonaceous in intervals up to
						1.5' thick and are 20% of unit volume. Within these
						carbonaceous "bands", carbon occurs locally concentrated on S2
						markings giving the rock a grey-black aspect + darkening
						S2 surfaces
						Only local + minor thin fracture pyrite veinlets.
						Local thin fractures are infilled w/ cream-white calcite.
						The overall dark green, thinly laminated appearance of the
						non-carbonaceous intervals may suspect a mafic/ultramafic parent
						for these intervals
						707 - 141.5 med hard, mod weathered

DDH 88FX-01 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: OCT 19/88 Logged By: CWR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						14.5 - 16.5 cobble, recov 0.K.
						16.5 - 36.4 ± broken, recov 0.K.
						36.4 - EOT ± broken, recov 0.K
						No obvious faults
	14 11 5	14 17 2		13	13 C 14	#7 unit intruded.
		14 4				Mod soft, medium dull green, thinly PSS laminated,
						carbonaceous, chloritic altered metabasite. Margins of unit
						are sharp, 1° to 5a. Se fractures are dull medium olive green
						and locally show patchy mod. calcite veining disseminated
						in ± thin grey white laminations which are locally
						concentrated into thicker bands up to 2cm thick.
						Core ± broken, 3' recovered. Minor amounts of
						flaky gouge/ sludge recovered.
	14 17 2	18 11 0		14	13 D 10	± 9 wood
		24 7				Same as unit # 2 except moderate is less intense,
						carbonaceous intervals are more prominent and thin brown
						biotite laminations are more common. Moving down
						the interval, rock is slowly losing green and becoming
						more grey. Carbonaceous bands range from a few
						inches to 2½ feet. Margins of bands are gradational
						over a few inches. Carbonaceous bands are 30-40% of
						unit ± volume. Biotite is locally developed in thin brown
						laminations locally concentrated into thin PSS bands up to
						2" thick.

DDH BBEX-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: OCT 18/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Thin light tan-grey ± local blue-green hue, qtz + calcite ± epidote ± hematite bands range from 1mm to 1cm thick becoming more abundant moving down the interval. These bands locally define lithons. Calc-silicate bands range from 5% of unit volume down to 69.8' and are 15% of volume down to the end of the unit
						TOI - 56.0 ± broken, very good.
						56.0 - 56.6 ± broken, very O.K
						56.6 - 57.0 increased soft flaky gouge - metabasite bands very O.K.
						57.0 - 59.0 ± broken 1.8' rec'd.
						59.0 - EOI ± broken very good.
	1810	1818 6 270		15	131019	±3 minor
						Moderate to very hard, thinly PS2 laminated dark grey-black ± local slight green hue, carbonaceous, calc silicate phyllite S2 surfaces are shiny black and only slightly mark fingers. Contains only local minor thin light grey-green-blue calc silicate ± qtz ± minor calcite bands. Band are < 1/2 cm thick and use upper 5% of unit volume. Core is mod-broken. Only ± slight patch exit on S2 ± fracture surfaces No Cavities
	1818 6	1919 8 504		16	131019	
						Same as #5 except light qtz-calc ± calc-calcite bands are very rare. Overall appearance is a homogeneous

DDH 88FX-01 (2 8)

CURRAGH RESOURCES INC.

Lithologic Log

Date: OCT 18/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						dark grey in green hue. Unit is moderately, banded thinly PS2 laminated calc-silicate phyllite. S2 surfaces are dull lustre- local pale green chl clots are visible. Contains local thin Calcareous qtz veinlets in bottom 1' of interval. Core in bottom, recy is good. 1½ bands/ft. Only local minor shear fabric visible - may be marked by cracking.
	1919 8	1/1017 0		17	13K 14 15	BIO (300 ± 9 weak) (1090) 50:40:10
		32 6				Dominant unit is mod soft, thinly PS2 laminated, calcareous, biotitic, light brown-grey-green, altered metabasite. Laminations defined by brown bio folia, light grey-white calc/q + q½ + sericite + do ?, and shadings to dark green hornblende + chl ? ↓ Top 3" banded ↓ against SD is incipiently brecciated in abundant calcite solidifying fractures. S2 surfaces are a dull lustre to pale green-grey ✓ Contains abundant thin fractures filled in calcite. Entire interval T-bedded in metabasite and this interval is moderately hard, dark grey-green, locally moderately calcareous, calc-silicate phyllite. Calc-silicate bands are thinly PS2 laminated and range in thickness from 5" to 1.0'. Margins are // to S2.
1						104.3 - 104.9 is highly broken due to folding ? w.b. to pegmatitic qtz vein. Margins are highly broken + incipiently brecciated.
						102 - 103.3 is broken along local shear fractured MG

DDH 88-FX-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: oct 19/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
						103.3 - EOI ~ broken along fractures, veiny, O.K.
	110 17 0	112 13 3		18	131010	9 m.k. (3C4 #) Trace
		37 3				Mod hard, dark grey ~ local green hue, thin PS2 laminated, moderately carbonaceous, calc-silicate phyllite. Sx surfaces are dull black ~ local minor bio + chl flakes. Fracture surfaces have abundant orange rust coatings. Unit contains only local ~ minor thin light grey-green "feathery" qtz ± minor calcite ± apple green epidote bands aligned // to S_2.
						Top 5' of unit contains abundant steep rusty fractures. Fracture is locally "blacked" out in thin bands within this interval. Thin fractures are infilled ~ calcite.
						Contact at 108.3 is highly broken + fractured, calcareous, rusty, 3" thick, most soft malleable local.
						EOI - 110.8 ~ broken close to fractures, veiny, rusty.
						110.8 - EOI ~ broken, veiny, rusty.
	112 12 7	116 17 1		19	121010	± 9
		50 9				Mod hard, thinly PS2 laminated, medium green-grey to locally black ~ green hue, calc silicate phyllite. Compositional banding is locally ~ well developed ~ defined by 2 mm to 3 cm thick concentrations of brown bio & fg, medium to dark green hornblende ± chl ± qtz ± bands, ~ and fine, resistive bands of qtz ± apple green epidote ± dk-green hornblende. ± minor calcite. Banding defines S_2.
						Contact occurs locally at S_2

DDH B.B.F.X.-01 (2 / 8)

CURRAGH RESOURCES INC.
Lithologic Log

Page 08 of

Date: Oct 19/88 Logged By: CVR

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
						carbon black veins intervals. White creams infills local minor steep fractures. Core slightly broken, recovery good. No faults.
L	117.17	118.83 54 3		110	131D101	± BM (INCIPIENT) ± GOUGE 19 VOSES
						TOI - 172.5 is highly fractured, medium to pale green, moderately hard, fine-grained, thinly PBD - laminated, calc-silicate. Contains local bands ranging from 0.5cm - 5cm consisting of pale apple green epidote/hornblende-quartz with traces of fine biotite. Biotite also defines local thin bands parallel S2 locally traces of carbon in thin foliae also define dark grey to black bands parallel S2. Banding commonly disrupted & displaced by thin abundant fractures which are steep (30° core axis) Thin pale-green channel by blue green banding within biotite matrix is absent in this unit so probable chloritization? Fractures infilled by cream white calcite. Intvl 172.5-177.0 is very soft, dark green mud gouge with brecciated rubble. Margins of gouge not recovered rubble consists of highly fractured very hard, dull light green calc-silicate. Fractures are infilled with white quartz. Only 1.63 feet recovered. Intvl 177-EOI is same highly fractured, moderately hard, light green 3D as @ TOI.
						TOI - 172.5 slightly broken w/ good recovery // 172.5 - 177 gouge & box w/ 1.63 ft recovered // 177 - EOI slightly broken w/ good recovery
L	118.83	118.12 55 5		111	111C108	
1						Dominant unit is moderately soft, very calcareous, pale green-grey, chloritic schist. Abundant chlorite occurs in elongate, pale green clots up to 0.5cm thick. Chlorite possibly relict andalusite (?) Clots elongate parallel S2 cleavage. S2 surfaces are flatted. Light silvery grey and dull pale green local minor biotite

DDH BBFX-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Oct 12/88 Logged By: CVR/LLC

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1/1812 1	1/1816 4 56 8	1	1/12	1/1F1H1S	Bio~ (1CD8) 85:15 Moderately soft, thinly PS2-laminated, pale tan, cream, brown and dull green banded, altered metabasite. Banding defined by local biotite, chlorite, chlorite variations and ranges in scale 0.5cm - 3.0 cm. Banding parallel S2. Interbedded metabasite on scale 3 inches - 10 inches are intervals of pale green-grey, finely chlorite-flecked, moderately soft PS2-foliated, variably sericitic schist. Unit same as begin 1CD (Unit 11) / Margins of 1CD8 bands are parallel S2 and sharp. Entire interval contains local thin fractures infilled w/ pale and less often biotite. Fractures steep-generally less than 20° to core axis. S2 for metabasite range from dull pale green to medium brown. TOI-183.5 mod biotite w/ good recovery // 183.5-185 very biotite rich local fractures w/ good recovery // 185.5-EOI mod. biotite w/ good recovery
L	1/1816 4	1/1918 4 59 3	1	1/13	1/1C1D1B	Moderately soft, light to medium green-grey, chlorite-flecked, variably sericitic schist. Moderately biotitic. S2 surfaces light greyish green w/ local med green talc's of chlorite (chalky on cut surface) up to 0.5 cm long. Biotite occurs locally developed in thin folia and bands parallel S2. Minor andalusite (fine) associated with biotite bands locally. Biotite bands less than 0.5 cm thick and are parallel S2. Some local thin white quartz veinlets / commonly w/ dark green chlorite infilling fractures. Veinlets slightly boudinaged because of light folding. TOI-188.5 very biotite w/ good recovery // 188.5-189.7 slightly biotite w/ good recovery // 189.7-EOI mod biotite along fractures & S2 w/ good recovery

DDH BBEX-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Oct 19/00 Logged By: CVR/LSP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	119144	119193		114	11F1$1	BIO
		60 7				Thinly PS2-laminated, dull medium green w/ local thin brown bands, moderately soft to locally hard, locally moderately dolomitic metabasite. Top 1 foot is moderately hard with abundant thin qtz-rich laminae - no biotite in this intvl. Remainder unit moderately soft and contains thinly laminated brown biotite bands ranging 0.5 cm - 3.0 cm thick. Biotite bands commonly have cores of pale green chlorite. Dolomite occurs locally associated w/ biotite and chlorite bands. S2 surfaces are dull medium green grey and locally contain small brown biotite flakes. Local minor medium green chlorite clots. Cleaving only locally poorly developed. Medium dull green colour, lack of chlorite cleaving, thinly laminated textures, and local indicates metabasic rather than metapelite.
						Core mod. broken w/ good recovery.
L	119193	121170		115	1C1D1018	[1CD 1B] (1F $ 4) 90:10
		66 1				Dominant unit is moderately soft light brown grey to locally green grey, PS2-foliated, non-calcareous, chlorite-biotite schist. Poorly PS2-banded w/ banding defined by fine brown biotite rich matrix. Locally biotite associated w/ minor pink-white anhedral silicate. Contains abundant chlorite clots averaging 0.5 cm long - clots in S2. S2 surfaces are dull brown grey w/ local med. to dk green chlorite clots.
						210.0-211.8 is light greenish green, and fine-white striped, moderately soft, dolomitic, slightly altered metabasite. Banding planar and defined by green chlorite foliation alternating w/ thicker tan grey dolomite. Margins sharp and parallel S2. Unit locally altered to dull yellow tan.
						TOI-212 mod. broken w/ 100% recovery. mod. 1212-214 very broken w/

- 47 -

DDH BBFX-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Oct 13/88 Logged By: CVR/LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	12117.0	12121.67 / 4		116	IIFS1	Homogeneous, thinly banded, dolomitic, medium green metabasite. Moderately soft. S2 surfaces are dull medium green w/ local pale green chlorite specks. Chlorite schist. Abundant chlorite defines medium green PS2-bands ranging from 1mm - 5mm while less dolomite finely disseminated within these bands and veining forms thin laminae parallel S2. No biotite. Top contact slightly bleached against veins of the lower contact also slightly bleached. TOI-220 slightly bleached, good recovery / 220-EOI very thin zone shear fracture, recovery good.
L	12121.81 / 1	12161.6 0		117	IICIDIO	±8 minor (IF$) Trace. Light brown-green to locally green-brown, non-laminated, PS2-foliated, biotite-chlorite ± andalusite schist. S2 surfaces mottled brown, pale green and dark green. Contains abundant poorly defined brown biotite-andalusite bands ranging up to 3cm thick. Also contains abundant chlorite clots which commonly form biotite-andalusite aggregates; clots range up to 1cm long, elongate parallel S2. Local intervals up to 1.5' thick, dominantly near EOI - biotite-in-matrix does not occur - only occurs in biotite-andalusite bands/clots. 239.5-240.2 is light olive green and tan-white thinly banded, moderately soft, dolomitic metabasite. Banding less than 0.5 cm thick and defined by local concentrations of chlorite and dolomite, light brown biotite developed in zones parallel S2. Contains local tiny black specks of a non-magnetic mineral. S2 surfaces are dull, light apple green. Also has local light brown biotite flakes. Margins sharp parallel S2. TOI-232 mod. bleach, moderate zone / 232-234.2 more bleached, [illegible]

DDH BBEX-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Dec 12/88 Logged By: CVR/KSC

Code	From	To	Recov.	No.	Unit	Description
	1 10 14	16 20	22 24	26 28	30 34	35
L	121616 0	121619 2		1/18	1/1C1D8	(IF$ BIO) 75:25
		82 1				TOI - 267.5 Thinly laminated, medium to dark green, light brown and light tan, moderately soft, dolomitic metabasite. Local concentrations of 1Cm brown biotite foliae define PS2 parallel bands up to 2cm thick. Contains abundant dolomite in thin laminae and bands parallel S2. S2 surfaces irregular. — light, buff brown along biotite foliae and dotted dark green and tan along chlorite-dolomite foliae. Margins of metabasite change parallel S2.
						267.5 - 268.7 Similar to Unit # 17 ( ) only biotite occurs only in biotite-dolomite clots with no biotite in matrix
						268.7 - 269.2 Some metabasite on higher only dolomite less abundant
						Biotite bands less than 0.5 cm thick
						Core mod. below, recovery good
L	121619 2	131016 8		1/19	1/1C1D10	8 (IF$ BIO) MINOR
		93 5				Very light brown green, PS2-foliated, nonCalcareous, muscovite-chlorite slightly > biotite + andalusite schist. Brown biotite incipiently developed in matrix. Biotite more abundant in dolomite clots which commonly contain light pink andalusite. Clots range up to 1cm thick. Light green chlorite occurs in abundant clots ranging up to 0.5 cm across. Chlorite+muscovite also dominant component in matrix.
						S2 surfaces dominantly dotted silvery grey and dull medium green locally S2 has abundant brown biotite flakes.
						Core mod. below, recovery good. No obvious faults
1						Contact @ 296' is 2 inch band of pale green and brown, dolomitic PS2-foliated metabasite. Margins parallel S2

DDH 88-EX-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Oct 19/88 Logged By: CVR/LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	36
L	131.06	131.45		1210	11F1	
		95	9			Homogeneous, thinly laminated, med green and tan, moderately soft, dolomitic metabasite. Relict Diabasic texture preserved. S2 surfaces are clotted med green w/ lighter pale green and local 1cm tan patches. Abundant dolomite occurs as fine tan laminae and fine specks which define the relict Diabasic texture. No visible biotite. Contain local concentrations of fine black specks (opaque mineral?). Core slightly friable, recovery good. Margins sharp parallel S2
L	131.45	131.44		121	11CD	GARNET
		10.5	10			Medium brown green, noncalcareous, PS2-foliated, moderately soft, chlorite-biotite-andalusite-garnet schist. Matrix composed of biotite ± chlorite as thin brown and green laminae which are locally concentrated to form coffee brown bands ranging from 0.5cm - 4cm in thickness. Within matrix are abundant subrounded chlorite clots and biotite-garnet-fine grained andalusite intergrowths in clots up to 1cm thick. Garnet as pink and occurs locally in small subhedral porphyroblasts up to 3mm long. Garnets not present below about 329.5 feet.
		TOI - 320.5				very broken on local sharp fractures, rec good / 320.5 - EOI mod. broken, rec good
L	131.44	131.51		122	11F1	(1CD) 90:10
		107	1			Moderately soft, dolomitic, med green & tan-white, PS2-laminated metabasite. S2 surfaces are clotted pale apple green, oily green w/ local patches of light tan dolomite. Abundant med green chlorite occurs as very thin laminae separated by thicker dolomite-qtz bands or laminae. Locally a relict Diabasic texture defined by white-tan dolomite specks. Margins sharp parallel S2.

DDH BBEX-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Oct 19/88 Logged By: CVR/LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Bands are 6 inches thick lowest band contains small subrounded, med green chloritic clots (ie LCD metagabbro) Core mod broken, rec good
L	131511 5	131714 4 / 114 1		1213	I/IC/D/B	
						light green-brown, nonc calcareous, chlorite > biotite + andalusite, PS2-foliated schist Matrix consists of dominant pale green to locally med green chlorite + muscovite + quartz forming thin PS2-laminae Pale green, subrounded chlorite clots occur dominantly in upper half of unit Chlorite clots appear to be replaced by biotite-andalusite clots in lower half of unit S2 surfaces are dominantly light shiny grey with abundant pale to medium green chlorite and lesser disseminated brown biotite
						TOI-357 mod broken along local fractures / 357-359.6 slightly broken, rec good / 359.6-360.8, very broken w/ local minor incipient gouge parallel S2, rec good / 360.8-EOI slightly broken rec good
L	131714 4	131717 4 / 115 0		1214	I/I/F/B1	BIO (LCD B) 65:35
						Very mixed unit consisting of interbanded, thinly laminated metabasite and light green-brown, clotted schist. Metabasite bands are moderately soft to hard and contain locally thick bands of medium green chlorite-quartz-minor dolomite and thinner brown biotite-dolomite bands Possibly the hard bands contain hornblende Margins with clotted schist gradational over 1 inch parallel S2
						Clotted schist mod soft, noncalcareous with abundant med green chlorite clots elongate parallel S2 Biotite-andalusite clots absent Schist intervals range 2 in-7 in thick
						Core slightly broken on S2 rec good

DDH SBEX-01 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Oct 19/88 Logged By: SVE/LSP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
L	131.7 17 4	131.8 15 3 117 4		1215	1/1C1D18	Clotted, pale to medium green, weak soft, noncalcareous, PS2-foliated, chlorite-muscovite-quartz-minor biotite schist As go down unit, it becomes lighter green in colour. Contains abundant large, medium green w/ local brown biotite clots up to 1.5 cm long Bottom 3 feet of interval has less intense clotting. S2 surfaces are patchy light brown-, dark green, and silvery grey and become noticeably lighter near EOI. Last 3 feet contains abundant green, thin light tan grey, muscovite foliae defining S2 — ie matrix consists dominantly of muscovite TOI - 388.5 intact / 388.5 - EOI very broken on local shear fractures parallel core axis Rec OK
L	131.8 15 3	131.9 12 1 119 5		1216	1/1C1D18	BXA + GOUGE TOI - 387 very soft pale green, incipient flaky mud gouge Million gouge have incipiently brecciated light dull green chlorite schist fragments Major fractures 20°/axis relative S2 Slickensides in gouge indicate shear slip 387 - EOI highly (incipiently) fractured and brecciated, light to medium green, thinly PS2-foliated, chloritic schist S2 surfaces are dull green grey Dominant fractures are shear (<20° core axis) Fractures infilled w/ white quartz + trace calcite Appears to be slight displacement along fractures 388.6 - 389.5 highly fractured + broken qtz vein w/ abundant thinly laminated chlorite filling fractures Bottom 1.5 feet shear fractures are incipiently gouged Core very broken Rec good

DDH EBFX-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Oct 20/88 Logged By: CHC/JMC

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	139.12	141.03 5 123.0		1217	1/1F101	1% MNOR 1-4 MINOR BIO (1CD8) 95:05 TOT - 394 and 395.2 - 395.7 are greens to pale browns, soft, PS2-foliated, nonc alc aceous chlorite-muscovite-biotite schist Unit characterized by locally abundant dark greens, subrounded to irregular chlorite clots Biotite disseminated in matrix (pale brown) and also forms dk brown biotite-andalusite bands and clots elongate parallel S2 Major unit is dark green, planar PS2 foliated, locally slightly dolomitic chlorite-hornblende schist Contains thin bands parallel S2 which are dk brown fgrnd locally developed metamorphic biotite. Margins of unit are sharp parallel S2 locally altered to pale tans with more extensively developed dolomite S2 surfaces dark greens with patchy biotite development. Core intact except for slightly broken 395.2 - 395.7 Recovery good
L	141.03 5	141.10 0 125.0		1218	1/1C1D1	(1F BIO 1% MINOR) (10QD) 40:30:30 Major unit is moderately soft, greenish-brown, nonc alc aceous, PS2-foliated, biotite-chlorite-andalusite schist Contains numerous subrounded dark green chlorite clots elongate on S2 Also has dark brown, irregular biotite-andalusite clots and bands S2 surfaces are silvery brown Interval contains interbands of moderately soft, locally slightly dolomitic, planar PS2-laminated, brown to tan biotite-chlorite schist More consistently brown than green typically associated with metabasite Two bands present are 2.5 and 0.3 feet thick locally (2 cm) thick altered to light tans and more dolomitic Margins sharp parallel S2 Thicker metabasite extensively fractured w/ sharp qtz veins @ 15° core axis Qtz veins also extensively fractured

DDH 88FX-01 (2 8)

CURRAGH RESOURCES INC.
Lithologic Log

Date: Oct 28/88 Logged By: DCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
L	141/10 0	141315 1		1219	1/1C1D10	[100]
		132 6				Moderately soft, PS2-foliated, grey-brown, noncalcareous, biotite-amphibole-chlorite-quartz schist. Minor irregular, scattered, dark green chlorite clots. Minor small biotite-amphibole aggregates. S2 surfaces are micaceous brown w/ slightly silvery grey tinge/sheen. No garnets noted. Only minor chlorite readily visible. Core intact - recovery good.
L	141315 1	141413 6		1310	1/1C1D10	(1F 0 Bio) 75'25
		135 2				Dominant unit essentially identical to last unit = 29 (410 - 435.1). Dark grey-brown PS2-foliated, noncalcareous, biotite-chlorite-amphibole-quartz schist. Dark green chlorite clots and dark brown biotite-amphibole aggregates are scattered irregularly through schist. S2 surfaces grey w/ brownish biotite tinge.
						Contains scattered interbands of moderately hard, noncalcareous, PS2-planar laminated, dark green chlorite-biotite-hornblende schist. Contains 1-3 cm thick brown biotite bands. Biotite bands and external marginal contacts sharp parallel S2. Metabasites range from 2.1 - 0.8 feet thick. Characterized by planar lamination and dark green colours (typically with slight bluish tinge).
						Core intact - recovery excellent.
L	141413 6	141519 5		1311	1/1C1D1	→ 1C D 4 minor.
		140 1				Moderately soft, noncalcareous, PS2-foliated biotite-chlorite-muscovite-amphibole-quartz schist. As per above DDH colours changes from grey brown to pale brownish grey and then back to grey brown. Change indicates slight increase in muscovite content. Contains scattered dark green chlorite clots and brown biotite-amphibole aggregates. S2 surfaces are shiny grey to silvery grey w/ brownish biotite tinge.

DDH 88EX-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Oct 20/88 Logged By: ICP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	141519 5	141810 9 146 6		1312	1/1C1D10	(IF $) 70:30 Intervals 459.5-461.7, 469.1-470.2, 477.8-480.9 consist of medium to dark green, moderately soft, PS2-foliated, moderately dolomitic chlorite schist. S2 surfaces are micaceous medium dark green. Contains thin, scattered, discontinuous S2 shearing marked by greenish-grey dolomite-rich laminae. Marginal contacts parallel S2. Not readily able to pick margin because of gradual fading in of biotite and extreme deformation of chlorite clots in enclosing schist. Enclosed by grey-brown noncalcareous, PS2-foliated, biotite-muscovite-chlorite-andalusite schist. Dark green chlorite clots range from 1cm scattered subrounded clots to much more abundant, fine (1-2mm) subrounded clots. Minor biotite-andalusite aggregates. Clots generally smaller and more flattened in S2 foliation adjacent to metabasites. Thinfine ankerite veins. S2 surfaces silvery white w/ slight patchy brown biotite tinge. TOI-463 mod broken, rec good / 463-EOI intact, rec good
L	141809 9	141817 5 148 6		1313	1/1C1D10	→ (ICDH) 60:40 Moderately soft, PS2-foliated, noncalcareous, biotite-muscovite-chlorite-quartz schist. Upper 4' is dark grey-brown with scattered, irregular dark green chlorite clots. S2 surface silvery grey w/ slight brown biotite tinge. Gradual change as go down DDH to pale grey-brown schist. Chlorite clots are subrounded pale to medium green. S2 surfaces have silvery muscovite sheen. Core intact w/ good recovery. Alteration appears to be associated w/ next unit.

DDH BBFX-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Oct 20/88 Logged By: ICP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	36
L	141817	141912 3		1314	1101	(1CD4) 70:30
		150 1				Greenish grey, extensively fractured, pegmatitic qtz veins. Vein contains numerous randomly oriented schist clasts. Also contains interstitial calcite infilling fractures. Fractures cut across both qtz vein and enclosing schist.
						Schist is noncalcareous, pale green-grey, moderately soft, muscovite-chlorite-biotite-andalusite schist. Minor schist biotite-andalusite clots. Faint brownish tinge from minor biotite in matrix.
						Vein has angle 180/10 relative to S2 and core axis. Core intact w/ good recovery.
L	141912 3	151016 6		1315	1 1C1D10	
		154 4				Moderately soft, noncalcareous, PS2-foliated, dark brownish, biotite-chlorite-muscovite-andalusite-quartz schist. Chlorite forms large irregular to subrounded dark green clots elongate in S2. Minor dark brownish biotite-andalusite compositional bands parallel S2 or irregular clots elongate in S2. S2 surfaces silvery w/ brownish biotite tinge.
						Lineament 1 foot slightly altered to pale brown. Related to fractured qtz veins immediately overlying unit.
						Schist contains a couple 1-3 cm dark greenish, moderately hard, slightly calcareous hornblende-garnet-chlorite bands. Garnet as pale green, 1-2mm small irregular grains.
						Brownish contact gradational into next unit.
1						Core intact w/ good recovery.

DDH 88FX-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Oct 20/88 Logged By: ICP

Code	From	To	Recov.	No.	Unit	Description
	1 10 14	16 20	22 24	26 28	30 34	35
L	151016	151118 3		1316	1/ICD16	4
		158 0				Moderately soft, pale cream, noncalcareous, muscovite-biotite-andalusite schist. Matrix consists dominantly of muscovite although locally minor biotite is present. Contains irregular to rounded, elongate, dark brown biotite-andalusite leaves/clots locally these are extensively altered to a pale cream muscovite and only relict texture is present. S2 surfaces are silvery cream. Minor interstitial pyrrhotite infills fractures in pegmatitic white qtz veins. Upper and lower contacts are gradational. Core intact w/ good recovery.
L	151183	151518 0		1317	1/ICD10	
		170 1				Moderately soft, noncalcareous, PS2-foliated, medium brown to gray-brown biotite-muscovite-chlorite-andalusite-quartz schist. Biotite and lesser chlorite disseminated in matrix with muscovite. Also have pale green to dark green relict, subrounded chlorite clots elongate in S2-foliation. Overprinting chlorite clots are dark brown, irregular biotite-andalusite aggregates/clots. Minor quartz veins. Too are locally they are extensively fractured. Too matrix veins have pegmatitic pink andalusite associated w/ quartz. Upper contact gradational. Core intact w/ good recovery. S2 surfaces silvery to gray-silvery w/ slight brownish biotite tinge.
L	151518 0	151711 5		1318	1/ICD16	4 → (ICD4) (IF4 # Bio) BO:20: TRACE
		174 2				Top one foot consists of moderately soft, moderately calcareous, low-green chlorite-calcite schist (i.e. altered metabasite). Biotite occurs as thin streaks

DDH BBEX-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Oct 20/00 Logged By: KLP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						Dominantly consists of massive, medium-coarse pale green-cream and lilac andalusite schist. Matrix is dominantly massive to minor bio Schist contains irregular bands & lenses of dark brown bio + andal up to 1 cm thick elongate // to Sa locally, bio-andalusite bands are absent - all that remains are smaller sub-rounded pale green chl-chl's. Minor pale vein qtz near EOT contains coarse pink andalusite. Alteration possibly associated w/ gauge as described below.
						TOI - 562.5 core is brit, very gravel
						562.5 - 563.1 med gauge - pale cream highly altered, lower contact 000/65°, upper contact 000/25 very gravel
						563.1 - EOH Mod broken very gravel
						Sa contains silvery w brist pale, lilac + dk green chl bands.
	151.1 5	151.8 5 0		139	1 1 K 1 D 1 0	
		178 3				
						Mod soft, nonuniform, PSa folded, brown-green-grey bleb mass chl + andalusite schist Minor scattered diffuse medium green chl bands - typically minor irregular dark brown bio + andalusite bands & clots, Matrix contains dom mass + chl + bio. Sa contains silvery grey. Minor vfg qtz veins have coarse pink andalusite. Both upper & lower contacts gradational.
						Core in broken very gravel.

DDH 98EX-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Oct 20/98 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	38
	151815 0	161015 0	1	1410	11C1010	2 (1CDO) 70:30
		1844				massive soft, noncalcareous PS2 foliated, dark grey biotite + chl + andalusite schist. S2 surfaces are dark shiny grey.
						Contains scattered irregular bio + cordalite chl's elongate // to
						S2. Unit is mildly carbonaceous rather than strongly carbonaceous.
						Contains interbeds of regular 1CD. S2 surfaces silvery-grey
						70E - 593.5 is mod broken, sericitic
						593.5 - 597.0 is v broken, v sericitic + sample core
						loss of 1'
						597.0 - EOI m to v broken, noisy, 0.1%
						This may be the favourable horizon ??? unfortunately
						without an orebody !!!
	161015 0	161115	1	1411	11C1D10	8 (1ED) 65:35
		1864				Dominant unit is a massive silty, noncalcareous, green-brown
						PS2 foliated schist. Matrix contains chl + musc + minor bio.
						Scattered deformed bands + clots consisting of biotite + andalusite
						+ chloritic contains intervals up to 1' thick of noncalcareous
						phyllonitic PS2 laminated medium green silty chl schist. Margins
						of chl schist shears // to S2.
						1CD S2 surfaces are green-silvery sericitic + minor pinkish
						streaks of py.
						Core is mod broken - sericitic.
	161115	161214 0	1	1412	11C1D10	8

DDH BBFX-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Apr 20/08 Logged By: CCP

Code	From	To	Recov.	No.	Unit	Description
						Interbanded
						TOI - 615.0 m bentonite very gouge.
						615.0 - 617.0 m bentonite " "
						617.0 - 617.5 m bentonite " "
						617.5 - EOH m to m bentonite very gouge.
	612.0	613.0		1413	IIICID14	± 68
		613.0 194.8				Mod soft massive/convoluted pale cream - green mud + chl
						schist. Texturally can vary m elongate relict clots with
						fine mud + minor chl locally relict clots are preserved as
						bio + ab! aggregates in fine grained mix of mud Near
						EOT alteration less intense. Bio + chl occur both in mix &
						S2 II clots. Alteration appears to be associated w
						incipient/ill developed foliation/cleavage in orientation of 000/35°
						Minor brecciation including bentonite gtz + chl + minor py.
						Rare white vein gtz has associated pale alteration. Core is
						mod broken, very gouge.
	613.0	614.5 196.7		1414	IIIFIb1	(IEDB) 60:40
						TOI - 642.5 soft, deformable, medium olive green, chl schist.
						Thinly banded between dark green chl + light green dolomitic
1						bands up to 5mm thick S2 veinlets. Shiny olive green, RQF
						at intervals is soft massive/convoluted brown-green biotite-chl
						schist. Biotite + chl dose in mix, locally abundant fine sub-
						rounded chl clots elongate // to S2.

- 09 -

DDH 98FK-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: 20/7/88 Logged By: KCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	16 14 15 5	16 15 0		14 15	1 1 F 1 8	I 4
		202 7				
						Soft, slightly to moderately deformable, PS2 foliated chl schist. Colour ranges in unaltered sections dark green to v. altered pale olive green. Unit is mostly CS2 foliated to dark green chl schist deformed S2 + lighter coloured chl bands between these stringers S2 surfaces are dark green chloritic ranging to pale olive green in altered intervals. Cleavage is through entire interval - No veins/fractures.
						TOI - 657.0 intact
						657.0 - 659.0 ~ broken to ~ broken very good
						659.0 - EOI ~ broken, very good
	16 16 15 0	16 17 11 7		14 16	1 1 C 1 D 1 8	
		204 7				
						Mod soft PS2 foliated mineralization, pale green chl sericite schist. Locally contains small medium grained chl clots deformed relict origin. Locally faint brown stringers due to bio in matrix. Both contacts sharp, // to S2
						Core is ~ broken, very O.K
						At 667.5 there is 0.2' of incipient rubbly ground, very O.K
	16 17 11 7	16 18 5 9		14 17	1 1 F 1 8	minor
1		209 1				Dark green mod soft to hard PS2 laminated, slightly deformed chl schist. S2 surfaces dark microcrystalline green. Upper 3/4 of interval is fine grained at bottom of interval more coarse grained

DDH 88EX-01
2 8

CURRAGH RESOURCES INC.

Lithologic Log

Date: Oct 12/88 Logged By: L.P

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						Core is wet very quiet
	1618.5	1619.8		1418	1 1 F H	#
		211.5				Salt, pale olive green PS+ foliated cbl + musc schist. Unit is
						dolomitic - dolomite deep throughout intv. Strict at elevation of bio
						flatten is ~ equal - is written on web. Runs 697 to 692
						extremely well developed conjugate bio fracture set with chl +
						qtz infilling. Fractures also extremely well developed - pale
						turquoise mineral infilling fractures. To place? - Not seen as a
						result of drilling? Extension elevation likely related to this
						fracture set. Fractures are 20° + 40° to core axis in opposite directions
						Core is intact 707 - 689.0
						689.0 - 692.0 Shear zone - most broken
						692 - 707 intact, very good
	1619.8	1711.0		1419	1 1 F H	
		219.2				Dark green, PS+ foliated, slightly dolomitic mud-well → broad cbl
						schist. Sp are zones of very dark green Vein zones become
						finely → medium xtaline. Contains minor qtz-calcite veining
						Core intact - very good.
	1711.0	1713.3		1510	1 1 C D B	
		224.7				Mod salt, PS+ foliated, mineralization, chl + musc + bio schist.
						Overall colour pale green to pale brown - green is with
						remaining of chl musc + bio. Alt of well to

DDH 88F-2-01 (2 / A)

CURRAGH RESOURCES INC.
Lithologic Log

Date: [illegible] Logged By: [illegible]

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						TOE - 725.5 intact, very competent
						725.5 - 726.5 ĩ fractures + rubble, very O.K.
						726.5 - 733 intact very competent
						733 - 734 rubble very O.K
						734 - EOT intact very competent
	171317 3	171417 0		1511	1 IF 1 $	(1100) 90 : 10
		227 7				Dominant unit & similar to unit # 49. Soft, slightly
						dolomitic, PS2 falsified dark green. Contains a 1' thick
						interval of dark brown, noncalcareous, waxy soft in the
						center of the IF$. Sz sections of IF$ dark microcrystalline green.
						Core intact, very competent.
	171417 0	171514 7		1512	1 IF 1 4 $	"Zebra Rock"
		230 0				Soft, waxy dolomitic CS2 falsified, medium olive green
						dol-chl schist, thin fine dark green laminae // to Sz
						& lighter dol incl in the bands. Stringers or veinlets of 1/cm thick
						Minor intervals are PS2 falsified.
						TOE - 750 Intact.
						750 - 751.5 Laminated, fractured Very competent
						751.5 - EOT Intact
	171514 7	171600		1513	1 IF $	± B/O
		231 6				Similar to # 51 (737.0 - 747.0). Soft, dark green slightly
						dolomitic contains dark brown bands // to Sz which are

DDH 88FK-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Oct 20/88 Logged By: CCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	38
						Core in box, very recent
	176 10 6	177 11 0		1514	11FM13	"Leopard Ore"
		235 0				Soft, claimic, pale olive-green, chl-dol schist. CS2
						Colonized by thin dark green chl lam and 1cm thick lam of
						cream dol + chl interbeds. Contains pods + shouts of
						bright blue-green "Cobalt". As go down interval chl
						becomes progressively paler green chl → more Si enclosed
						silvery.
						TOT - 762.0 in bottom
						762 - 764.0 intact.
						764 - 766.0 - broken in local rubbly interbeds.
						766 - 769 intact
						769 - EOT in broken recy zone.
						Unit is pervasively mineralized running down the drill-
						hole.
	177 11 0	178 11 5		1515	11C104	
		238 2				Soft, nonlaminated, cream micro-chl schist Si enclosed pale silvery-
						cream Unit is PSA foliation. Typically, one can see relict laminated
						chl's which never consist mostly of mica. Unit extremely
						muscovitic rock.
						Low in broken in rubble sections + incipient gouge.
						Recovery is reasonable. Cannot see major fault although
						may be related in Gouging.

DDH 88-FX-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: OCT 20/88 Logged By: LSP

Code	From	To	Recov.	No.	Unit	Description
	1718.1	1813.9	0	1516	1 1 C D 16	4
		255	7			Sch. noncalcareous, pale grey, lower than 1 andalusite + minor chl
						sch. st. Mix consists dominantly of muse & minor dark brn
						chl. laminae large crystals biot + andalusite clots + bands chiastolite
						11 to S2 Locally contains minor pale green chl lenses/clots
						Proportion of clots varies from 5 to 40%.
						TOI - 783.0 in bottom = minor incipient crenul veins cross
						783.0 EOT intact, very good
	1813.9	1815.8	7	1517	1 1 C D 14	7 BXA
		261	7			Similar to # 55 771.0 → 781.5. Schist has + andalusite
						clots are now muscovite in muscovite schist. Minor g/z
						veins - opaque white & coarse pink andalusite. Locally, soft
						inclusions of incipient to well developed breccia apparently
						along shear fractures. BXA includes circ of schist + g/z vein
						material in a fabric almost gouge mix.
						TOI - 842.0 Intact, good recy
						842.0 - 850.5 Breccia + Gouge core is extremely, mainly
						mud broken. Top contact slightly steeper than S2 000/5
						Bottom contact lost in rubble.
						Interval fabric appears to be slightly steeper than S2
						850.5 - 855.5 in bottom, recy good.
						855.5 - 857.0 incipiently brecciated, only slightly mineral
						fractures 180/45° core in bottom recy good.
						857 - TOI core intact, recy is good.

DDH 88FX-01

CURRAGH RESOURCES INC.

Lithologic Log

Date: Oct 30/88 Logged By: CCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	38
	181510	191013 5		1518	1/1C1D16	4 (1CD4) 75:25
		275 4				Soft, moderately pale cream grey mus-schist. Contains
						1cm to 3cm thick irregular bio + andalusite clots 11 to Sa.
						Locally these clots are altered to mus bio 1' to
						5' intervals. Se surfaces are silvery - cream. At 894.0, 0.2
						inch thick band of pale highly altered alive "andalusite"
						(similar to 5D4) Upper + lower contacts gradational.
						This interval shows an intermediate degree of alteration.
						Core intact, hiny, Perfect.
	191013 5	191117 5		1519	1/1C1D16	4minor
		279 7				Mod soft, PS2 foliated, mus + bio + chl + andalusite schist.
						Overall colour pale green brown caused by dark bio + chl
						in mus mtx. Biotite rich mtx typically forms diffuse bands
						several cm thick 11 to S2. Contains irregular bio + chl +
						andalusite clots up to 2cm thick 11 to S2. Mod as
						closely altered as overlying 1CD64 because it still contains
						only biotite - but it is detectably altered. Minor pcy white
						qtz occurs as thin layers 11 to S2
						Core intact, very smooth.
	191117 5	191317 0		1610	1/1C1D16	4
1		282 5				Soft, PS2 foliated, moderately, mus + chl +
						qtz schist. Contains minor irregular bio + andalusite bands +
						clots. Overall is [illegible]

DDH 8.0.F.X.-0.1
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Oct 20/83 Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	36
						S_2 surfaces are silvery - cream
						Rock → 926.0 Zeolitic, very good.
						926.0 - 927.0 ± destruction, locally incipient, fractured, very good.
	191210	191320		1611	1 F 41	± Brec
		284 1				Mod soft, PS2 Gabbroid, pale cream, mass + qtz schist.
						Contains thin streaks + laminae of bright green "Fuchsite"
						928.0 - 930.5 is a coherent brec, consisting of clasts -
						dominantly of opaque white vein qtz in a mass - fuchsite
						schistose matrix. S_2 is steeper than higher up unit. Fractures
						± horizontal and nearly ⊥ to core axis. Assoc - strong
						alteration assemblage - fact that altered matchasite on either
						side of brec suggests that it is likely not significant.
						928.5 minor breccia } Recov. O.K
						929.2 rubble + incipient gouge }
						FOI in breccia
	191320	191440		1612	1 C D 4	
		287 7				Pale cream - minor salt + mass/laminae, mass + qtz schist.
						S_2 surfaces are silvery - cream, within schistose mass matrix
						there are relict lenses typically of dom. mass +
						locally in lesser dia + sedate. Text classifies this
						unit as a highly altered rock. No bright green
						"fuchsite" spots noted. Lower contact gradational. Upper
						contact marked by disappearance of bright green +

DDH BBEX-01
2 8

CURRAGH RESOURCES INC.
Lithologic Log

Date: Logged By: LCP

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	38
						TOI - 933.0 intact
						933.0 - 937.0 v broken → rubbly, ↑ incidentally, sweeps + loss esp g/h vein material along steep fractures.
						937.0 - EOT mod broken
						Many grooved for orient. intervals.
	19414 0	19814 1		1613	11C1D16	4
		300 0				Similar to #58 (858.7 → 903.5) Mod soft, PSa foliated pale green musc+chl schist. Contains numerous thin bands + lenticular clots of bio + andal. Locally, contains medium sand chl clots which sometimes appear to be earlier than bio + andalusite + sometimes appear to be retrograde bio+andalusite. Proportion of bio ranges from 10% to 40% through the interval. Locally rare bio occurs in matrix. Sz contains coal silvery-green is locally developed patchy, brown but to Core is intact. Rock is good.
						1' of core missed at 777, was recovered as core
	19814 1	19916 0		1614	11C1D0 → 1C0	
		303 6				Upper contact gradational. Remainder mod hard, PSa foliated bio+musc+qtz+andal schist. Mtx consists of bio+musc. Richly banded between dark brown bio rich & brownish grey musc-rich intervals. Bio+andalusite bands to 5cm bands instead clots because of extensive growth. Sz contains silvery-green Rock is ↑ massive

DDH 88FX-01 (2 / 8) CURRAGH RESOURCES INC.

Structural Log Date: Oct 20/88 Logged By: CVR/LCF

Code	From	To	Feature	Str	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		6.2 1210	PIS12				810	micaceous foliation
S		12.3 1410	PIS12				78	micaceous foliation
S		19.1 1612	PIS12				612	biotite foliation
S		23.8 1718	PIS12				710	micaceous foliation
S		29.6 1917	PIS12				619	micaceous foliation
S		36.3 1119	PIS12				618	micaceous foliation
S		40.1 1311	PIS12				71	carbonaceous foliation
S		46.0 1511	PIS12				613	carbonaceous folia
S		55.5 1812	PIS12				72	micaceous foliation
S		59.4 1915	PIS12				72	chlorite banding
S		64.0 2110	PIS12				77	dolomite banding
S		69.8 2219	PIS12				713	micaceous foliation
S		75.3 2417	PIS12				710	micaceous foliation
S		81.4 2617	PIS12				716	chlorite banding
S		86.9 2815	PIS12				715	micaceous foliation
S		92.4 3013	PIS12				513	biotite folia
S		98.8 3214	PIS12				714	micaceous foliation
S		103.3 3319	PIS12				714	biotite folia
S		109.4 3519	PIS12				810	micaceous foliation
S		114.6 3716	PIS12				710	biotite banding
S		120.5 3915	PIS12				810	micaceous foliation
S		126.8 4116	PIS12				710	micaceous foliation
S		132.6 4315	PIS12				619	biotite banding in IF
S		138.1 4513	PIS12				716	micaceous foliation
S		144.3 4713	PIS12				618	micaceous foliation
S		151.2 4916	PIS12				618	micaceous foliation
S		155.4 5110	PIS12				72	micaceous foliation
S		162.2 5312	PIS12				616	biotite folia
S		167.0 5418	PIS12				715	micaceous foliation
S		175.6 5617	PIS12				613	micaceous foliation
S		178.6 5818	PIS12				710	micaceous foliation
S		185.0 6017	PIS12				615	micaceous foliation
S		190.8 6216	PIS12				510	micaceous foliation
S					310	010		late fracture cleavage
S		192.6 6312	PIS12				710	micaceous foliation
S		197.2 6418	PIS12				618	Aspenshing CSA chl foliation

C.R.I. 1987

DDH 88Fx-01 (2 / 8)

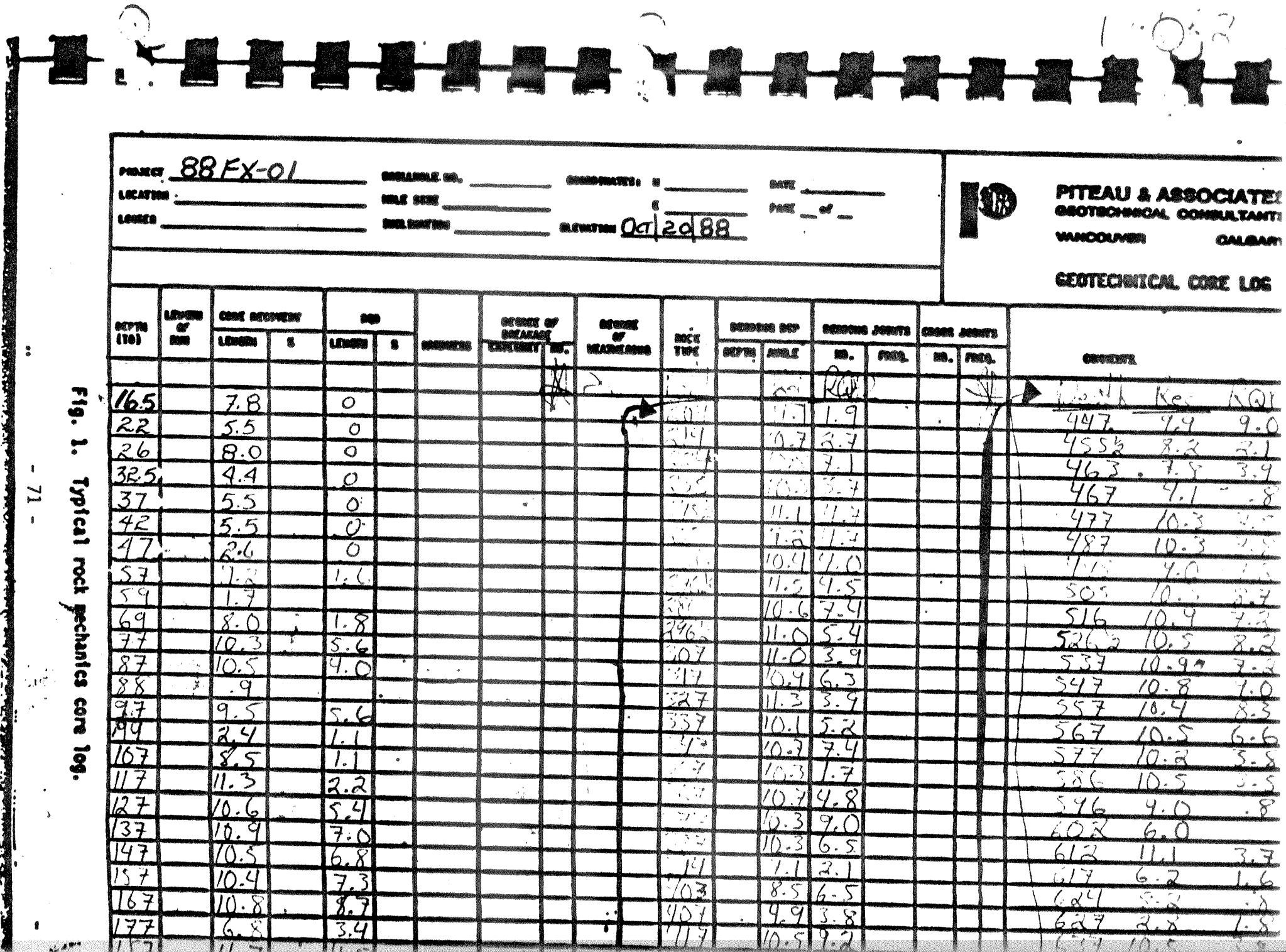
CURRAGH RESOURCES INC.
Structural Log

Page ____ of ____

Date: Oct 30/88 Logged By: CCP

Code	From	To	Feature	sym	S_3 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		201.8 16 16 12	P 1 5 12				7 10	chl foliation
S		208.8 16 18 15	P 1 5 12				7 D	approaching qtz / chl laminae
S		215.5 17 10 17	P 1 5 12				7 13	chl laminae
S		214.8 17 12 11	P 1 5 12				5 15	micaceous foliation
S		224.6 17 13 19	P 1 5 12		3 18 010 D		6 15	micaceous foliation
S		226.2 17 14 12	C 1 5 12			7 15 019 10	7 18	chl laminae is parallel
S		236.5 17 17 16	P 1 5 12				6 13	micaceous foliation
S		241.7 17 19 8	P 1 5 12				8 10	micaceous foliation
S		249.0 18 11 17	P 1 5 12				6 15	micaceous foliation
S		255.0 18 13 16	P 1 5 12				6 15	micaceous foliation
S		259.4 18 15 11	P 1 5 12				7 10	micaceous foliation,
					2 10 010 10			→ folia incipient fracture cleavage
S		265.8 18 17 12	P 1 5 12				7 D	micaceous foliation
S		271.9 18 19 12	P 1 5 12				7 15	micaceous foliation
					5 15 010 D			→ incipient crenulation cleavage
S		278.0 19 1 12	P 1 5 12				6 15	micaceous foliation
S		281.0 19 2 12	P 1 5 12				5 15	micaceous foliation
S		282.5 19 2 17	P 1 5 12				2 15	micaceous foliation
S		286.8 19 4 11	P 1 5 12				5 10	micaceous foliation
S		288.6 19 4 17	P 1 5 12				6 15	micaceous foliation
S		292.9 19 6 11	P 1 5 12	M			6 10	folia more - P2a micaceous fol
S		299.9 19 8 H	P 1 5 12				6 15	micaceous foliation
S		303.3 19 9 15	P 1 5 12			2 10 010 10	6 10	S2 micaceous foliation - S1
								compositional banding

C.R.I. 1987 E-



PROJECT 88FX-01 DRILLHOLE NO. _____ COORDINATES: N _____ DATE _____
LOCATION _____ HOLE SIZE _____ E _____ PAGE __ of __
LOGGED _____ INCLINATION _____ ELEVATION Oct 20 88

PITEAU & ASSOCIATES
GEOTECHNICAL CONSULTANTS
VANCOUVER CALGARY

GEOTECHNICAL CORE LOG

DEPTH (ft)	LENGTH OF RUN	CORE RECOVERY LENGTH	%	RQD LENGTH	%	REMARKS	DEGREE OF BREAKAGE	DEGREE OF WEATHERING	ROCK TYPE	BEDDING DEP DEPTH	BEDDING DEP ANGLE	BEDDING JOINTS NO.	BEDDING JOINTS FREQ.	CROSS JOINTS NO.	CROSS JOINTS FREQ.	GRADING
																Run No Rec RQD
16.5		7.8		0												447 7.9 9.0
22		5.5		0												455½ 8.2 2.1
26		8.0		0												463 7.5 3.9
32.5		4.4		0												467 4.1 .8
37		5.5		0												477 10.3
42		5.5		0												487 10.3
47		2.6		0												4 4.0
57		1.8		1.6												50 10.
59		1.7														516 10.4
69		8.0		1.8												526 10.5
77		10.3		5.6												537 10.9
87		10.5		9.0												547 10.8 1.0
88		.9														557 10.4 8.3
97		9.5		5.6												567 10.5 6.6
99		2.4		1.1												577 10.2 3.5
107		8.5		1.1												586 10.5 3.5
117		11.3		2.2												596 9.0 .8
127		10.6		5.4												602 6.0
137		10.9		7.0												612 11.1 3.7
147		10.5		6.8												617 6.2 1.6
157		10.4		7.3												624 5.8
167		10.8		8.7												627 2.8 1.5
177		6.8		3.4												10.5

Fig. 1. Typical rock mechanics core log.

APPENDIX 2

STATEMENT OF QUALIFICATIONS

I, Lee C. Pigage, of Whitehorse, Yukon, do hereby certify that:

1. I am a graduate of the University of Wyoming with a B.Sc. degree in Geology in 1970;

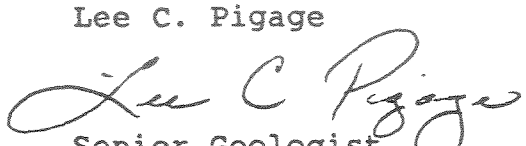
2. I am a graduate of the University of British Columbia with M.Sc. and Ph.D. degrees in Geological Sciences in 1973 and 1978, respectively;

3. I have been engaged in mineral exploration and development as a professional geologist continuously since 1979;

4. I am a Fellow of the Geological Association of Canada;

5. I am the author of this report describing field work completed by myself in 1988.

Lee C. Pigage



Senior Geologist
Curragh Resources Inc.

GEOLOGY MAPPING - FARO NW PROJECT

Truck Rental	$ 2,700.00
ATV & Trailer Rental	2,329.16
Helicopter	4,842.70
Geologist (50 days @ $200)	10,000.00
Field Assistant (20 days @ $100)	2,000.00
	$21,871.86
Room and Board (70 days @ $50)	3,500.00
Drafting	500.00
Office work/report prep. (5 days @ $150)	750.00
Miscellaneous Expenses (gasoline/bags, etc)	900.00
	$27,521.86

[redacted]

WHITEHORSE, YUKON
Y1A 5J5 TEL: (403) 668-27[redacted]

DATE June-30 19

NAME CURRENT RESOURCES

ADDRESS 117 INDUSTRIAL ROAD

WHITEHORSE, YUKON

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	MONTH RENTAL LTF4WD ATV		800
1	MONTH RENTAL TRAILER		80
	PO# 7WS26		
	L C Riggs		

CODE JF8000-341

APPROVED

CLERK	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RET.	PAID OUT	TAX
	○	○	○ DATE	○	○	○	

I HAVE RECEIVED THE ABOVE IN GOOD ORDER

X

TOTAL 880

MOORE • FLATPAKIT • 2 REDIFORM 5R096E

17248

LESSOR PER DA

TERMS AND C

CODE JF 8000-341 ~~6554-341~~

LISTERS RENTALS LTD.
3209 3rd AVENUE
WHITEHORSE, YUKON
Y1A 5J5 TEL: (403) 668-2776

RECEIVED AUG 6 1988

DATE AUG 8 1988

NAME Curragh Resources

ADDRESS 117 Industrial Road Whitehorse YT

POSTAL CODE

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	Month Rental of LTF 4WD All Terrain Vehicle. Serial # 2109742		600.00
1	Month Rental of All Terrain Vehicle trailer.		80.00
	PO # 700526		
	This covers rental from July 30 - Aug 30 1988		$ 860.00

Please make cheque to:

LISTERS RENTALS LTD.
3209 - 3rd AVENUE
WHITEHORSE, YUKON
Y1A 5J5 TEL: (403) 668-2776

Thankyou Greg Sutherland Sec/Treasurer

CLERK	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RET.	PAID OUT	TAX
	○	○	○	○	○	○	

I HAVE RECEIVED THE ABOVE IN GOOD ORDER.

X

TOTAL $ 80.00

MOORE • FLATPAKIT® 2 REDIFORM 5R096E

17211

LISTERS RENTALS LTD.
3209 - 3rd AVENUE
WHITEHORSE, YUKON
Y1A 5J5

RECEIVED SEP 30 1988

DATE Sept 28 19

NAME Curragh Resources

ADDRESS 117 Industrial Road Whitehorse YT

668-3578 POSTAL CODE

QUANTITY	DESCRIPTION	PRICE	AMOU
1	Rental of Suzuki 4 wheel drive ATV. for period of Aug 31 to Sept 30 (ATV to be returned on this date).	$ 500.	
1	Rental of ATV trailer (returned Sept 26) 80.00 for full month.	$ 69.	
		$ 569.	

Please make cheque payable to above. JF 8000-54

CODE

APPROVED

Thankyou very Greg Sept 28

* This will be your only billing

CLERK	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RET.	PAID OUT	TAX
	○	○	○	○	○	○	

I HAVE RECEIVED THE ABOVE IN GOOD ORDER.

X

TOTAL 569

MOORE® FLATPAKIT® 2 REDIFORM 5R096E

17230

NORCAN LEASING LTD.

MILE 917.4 ALASKA HIGHWAY
WHITEHORSE, YUKON Y1A 3E5

09/30/88	CURRAGH RESOURCES			CU103	

MONTHLY RENTAL INVOICE FOR THE MONTH OF SEPTEMBER / 1988

THIS INVOICE NUMBER :		2309
RENTAL PERIOD :	FROM :	09/01/88
	TO :	09/30/88
RENTAL AGREEMENT #		11346
NORCAN VEHICLE #		5201800
LICENSE PLATE NO.		ROE 8
CONTRACT/PO NO.		700451
MONTHLY RATE		900.00
TIME PERIOD		ONE MONTH
LEASE CHARGE		900.00

CODE	JF8000 ~~853~~-341
APPROVED	
DATE	Sept 30/88

TOTAL : 900.00

CURRAGH RESOURCES
117 INDUSTRIAL ROAD

WHITEHORSE YT
Y1A 2T8

NORCAN LEASING LTD.

MILE 917.4 ALASKA HIGHWAY
WHITEHORSE, YUKON Y1A 3E5

8/31/88	CURRAGH RESOURCES			00103

MONTHLY RENTAL INVOICE FOR THE MONTH OF AUGUST, 1988

THIS INVOICE NUMBER : 2221

RENTAL PERIOD : FROM : 08/01/88

TO : 08/31/88

RENTAL AGREEMENT : 11346

NORCAN VEHICLE # 5201800

LICENSE PLATE NO. 90E 8 Lw

CONTRACT/PO NO. 00451

MONTHLY RATE : 900.00

TIME PERIOD ONE MONTH

LEASE CHARGES 900.00

CODE	JF8000 -340
APPROVED	
DATE	Sept 1/88

TOTAL : 900.0

CURRAGH RESOURCES
117 INDUSTRIAL ROAD

WHITEHORSE YT
Y1A 2T8

NORCAN LEASING LTD.

MILE 917.4 ALASKA HIGHWAY
WHITEHORSE, YUKON Y1A 3E5

07/31/88	CURRAGH RESOURCES			CU103	

MONTHLY RENTAL INVOICE FOR THE MONTH OF JULY/88

THIS INVOICE #		2187
RENTAL PERIOD:	FROM: TO:	07/01/88 07/31/88
RENTAL AGREEMENT #		11346
NORCAN VEHICLE #		520180
LICENCE PLATE #		ROE 8
CONTRACT / P.O. #		700451
MONTHLY RATE		900.00
TIME PERIOD		1 MONTH
LEASE CHARGES		900.00

TOTAL: $900.00

CODE	JF8000 6551-341
APPROVED	
DATE	

CURRAGH RESOURCES
117 INDUSTRIAL ROAD
WHITEHORSE, YUKON
Y1A 2T8

	DATE
6551-341	APPROVED
	CODE

REMIT PAYMENT TO:

TRANS NORTH AIR

TRANS NORTH TURBO AIR LTD.
AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
TELEPHONE (403) 668-2177 FAX (403) 668-3420

ACCOUNT NUMBER: CURRES

INVOICE NUMBER: 83161

INVOICE DATE: 26 09 88

AREA: BC / YUKON / NWT / ALTA

CHARTERER: Curragh Resources

BILLING ADDRESS: 117 Industrial Road
Whitehorse, Y.T. Y1A 2T8

A/C TYPE: 206B

AIRCRAFT REGISTRATION C: FOOK

FLIGHT DATE: DAY 17 MONTH 09 YEAR 88

PURCHASE ORDER NO.

FUEL & OIL: TNTA	CUST.	TNTA FUEL USED	HRS / LITRES	FROM
		J.F.	2.2	YK

FROM	TO	MILES	HOURS	ZONE	REMARKS - NO. OF PASS.	FREIGHT Kg
YK	Setouts		1.0		L. Piccard	
	Pickups		1.2			

CODE: J+8000 ~~6551~~ 349

APPROVED: [signature]

DATE: 88-10-04

SUB	G.L.	AMOUNT
1606	501	1210 -
1620	134	138 60

	2.2	550	1210 -
WAITING TIME	•	/HR.	
FUEL:	220 • .63	/LITRE	138 60
FUEL:	•	/LITRE	
MEALS & LODGING			
OTHER			
OTHER			
TOTAL			$ 1348 60

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
2% INTEREST PER MONTH @24% PER ANNUM WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X J C Page
CHARTERER'S SIGNATURE

PILOT'S SIGNATURE

INITIALS: CO-PILOT'S NAME

ENGINEER'S NAME: D. Hearn

CYCLES

RECEIVED SEP 30 1988

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE — PAY UPON RECEIPT

REMIT PAYMENT TO:

TRANS NORTH AIR

TRANS NORTH TURBO AIR LTD.
AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
TELEPHONE (403) 668-2177 FAX (403) 668-3429

CHARTERER: Curragh Resources

BILLING ADDRESS: Whitehorse office
117 Industrial Rd. Whse Y1A 2T8

FUEL & OIL-X TNTA	FUEL & OIL-X CUST	TNTA FUEL USED	HRS./LITRES	FROM
✓		J.P.4		Ross R.

A/C TYPE: BH06 | AIRCRAFT REGISTRATION C-: FDDL

FLIGHT DATE: DAY 05 | MONTH 08 | YEAR 88

PURCHASE ORDER NO.:

FROM / TO	MILES	HOURS	ZONE	REMARKS · NO. OF PASS · FREIGHT Kg
FROM: Ross River				
TO: Faro-Minesite		2.0		
Rose Cri.				

RECEIVED AUG 10 1988

CODE: JF8000 ~~655-345~~

APPROVED: [signature]

DATE: aug 5/88

DATE			
1606	5	20 • 550 00	1,100 00
1600	1		

TERMS: PAYABLE UPON RECEIPT OF INVOICE
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X [signature]
CHARTERER'S SIGNATURE

PILOT'S SIGNATURE

CO-PILOT'S NAME

ENGINEER'S NAME: Doug Hladun

CYCLES

WAITING TIME	/HR.	
FUEL: 2000 •	63¢/Ltr.	126 00
FUEL	/LITRE	
MEALS / LODGING		
OTHER		
OTHER		
TOTAL		1,226 00

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE — PAY UPON RECEIPT

REMIT PAYMENT TO:

TRANS NORTH AIR

TRANS NORTH TURBO AIR LTD.
AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 6B4
TELEPHONE (403) 668-2177 FAX (403) 668-5638

CHARTERER: Curragh Resources

BILLING ADDRESS: 117 Jarvis Street Road, Whitehorse, YK Y1A 2T8

AIRCRAFT: BHOB — AIRCRAFT NO.: 615

FLIGHT DATE: DAY 10 — MONTH 09

PURCHASE ORDER NO.:

FUEL & OIL-X TNTA	FUEL & OIL-X CUST.	TNTA FUEL USED	HRS (UTIL)	FROM
	✓	5 IP's	1.9	R.R.

FROM	TO	MILES	HOURS	ZONE	REMARKS - NO. OF PASS
Ross River	Faro Mine area		1.9		4 pas se pick u

CODE: JES 200 - 349

APPROVED: [signature]

DATE:

RECEIVED SEP 14 1988

SUB	G.L.	AMOUNT
612	50 3	1045.00
7650	13	119.00

	1.9	550.00	1,045
WAITING TIME		/HR.	
FUEL 1901		63¢/LITRE	119
/LITRE			
MEALS & LODGING			
OTHER			
OTHER			
TOTAL			1,164

TERMS: PAYABLE UPON RECEIPT OF INVOICE
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X [signature]
CHARTERER'S SIGNATURE

PILOT'S SIGNATURE

PILOT'S NAME

COPILOT'S NAME

ENGINEER'S NAME: Doug Hudson

CYCLES

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE — PAY UPON RECEIPT

REMIT PAYMENT TO:

TRANS NORTH AIR

TRANS NORTH TURBO AIR LTD
AIRPORT HANGAR "C" • WHITEHORSE • YUKON • Y1A 3E4
TELEPHONE (403) 668-2177 FAX (403) 668-3429

ACCOUNT NUMBER: C W E E R S

INVOICE NUMBER: 83148

INVOICE DATE: 20 09 88 (CY/YR MO DAY)

AREA: BC / YUKON / NWT / ALTA

CHARTERER: Curragh Resources

BILLING ADDRESS: 117 Industrial Road
Whitehorse Yt Y1A 2T8

A/C TYPE: 206B

AIRCRAFT REGISTRATION C: FDDC

FLIGHT DATE: DAY 09 MONTH 9 YEAR 88

PURCHASE ORDER NO.:

FUEL & OIL X: TNTA	CUST	TNTA FUEL USED	HRS. LITRES	FROM
		JV.4	1.8	HR

FROM	TO	MILES	HOURS	ZONE	REMARKS - NO. OF PASS. - FREIGHT Kg
HR	Seconds Elicers		08		
	Nadot Mine		1.0		TF800 -

RECEIVED SEP 22 1988

CODE: ~~651-349~~

APPROVED

DATE

S/S	G.L.	AMOUNT
1606	502	990 00
1600	131	113 40

1.8	• 550 00	990	00
	•		
	•		
	•		
WAITING TIME	• /HR.		
FUEL: 180 l	• 63 ¢/LITRE	113	40
FUEL	• /LITRE		
MEALS & LODGING			
OTHER			
OTHER			
TOTAL		1,103	40

TERMS: PAYABLE UPON RECEIPT OF INVOICE. 2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X L C Ringer
CHARTERER'S SIGNATURE

JCW J
PILOT'S SIGNATURE

INITIALS: JCW — CO-PILOT'S NAME

ENGINEER'S NAME: H. Hudson

CYCLES

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE — PAY UPON RECEIPT

Diamond Drilling - Faro NW Project

Field Work Completed October 11, 1988 - October 18, 1988

Drilling (ADD)	$27,426.63
Demobilization	
Northlands	320.00
Arctic Diamond Drilling	2,450.00
Truck rental Norcan (900/mo)	300.00
Room and board (8 days x 50)	400.00
Geologist (field time) @ $200 - 8 days	1,600.00
Geologist (office time) @ $200 - 6 days	1,200.00
Drafting	200.00
Miscellaneous office	50.00
	$33,946.63

ARCTIC DIAMOND DRILLING LTD.

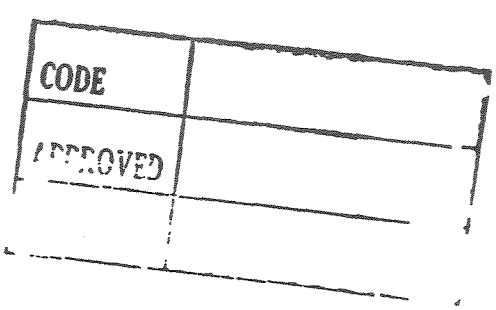
184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

October 26, 1988
Invoice #2602

Curragh Resources Ltd.,
117 Industrial Rd.,
Whitehorse Yukon
Y1A 2T6

Drilling charges for the period from October 16-21, 1988. (Faro Exploratio
Project

Hole #88-FX-01 -90xNQ		
Moving		
83 man hours @ $31.30 per hour	2597.90	
Overburden		
0-10=10ft @ $19.00 per foot	190.00	
Core Drilling		
10-600=590ft @ $19.00 per foot	11210.00	
600-717=117ft @ $19.00 per foot	2223.00	
717-996=279ft @ $19.00 per foot	5301.00	
Reaming Cave		
4 man hours @ $31.30 per hour	125.20	
2 machine hrs @ $12.00 per hour	24.00	
Testing		
2 man hours @ $31.30 per hour	62.60	
1 machine hr @ $12.00 per hour	12.00	
Water Supply		
10 man hours @ $31.30 per hour	313.00	22052.70
Equipment Left		
1 - 10ft nW Casing @ 129.48 + 10%	142.43	
1 - NW Casing Shoe @ 152.00 + 10%	167.20	309.63
#2F-4325D		
Equiment Sent		
108 coreboxes @ $8.00 per box	864.00	
5 NW casing caps @ $20.00 per cap	100.00	964.00
Moving Drill to Vangorda		
131 man hours @ $31.30 per hour		4100.30
TOTAL DUE THIS INVOICE.....		$ 27426.63



INVOICE
00827

INVOIC
10/31

Northland Fleet Services (Yukon) Ltd.

BOX 550
FARO, YUKON
Y0B 1K0

move drill from Faro
88FX-01 to Grum camp

OLD TO
CURRAGH RESOURCES
P.O. BOX 1000
FARO, YUKON
Y0B 1K0

SHIP TO
ATTN: CAM REED
P.O. BOX 1000
FARO, YUKON
Y0B 1K0

S	ORDER DATE	ACCOUNT NO.	VEHICLE NO.	YOUR PURCHASE ORDER NO.	SHIP VIA		TERMS
	10/19/88	030000	J00		XXXXXXXXXXXXXXX		NET 30 DAYS

QTY. SHIPPED	QTY. B/O	ITEM NO.	UNIT	DESCRIPTION	UNIT PRICE	DISC. %	EXTENDED
		Z4240		OCT 19, 1988 OUR WO #4283			
		Z4240		PREMIUM TIME TO HAUL DIAMOND			
4.00		Z4240		DRILL AND EQUIPMENT TO VANGORDA.	80.00		320
				TRACTOR/FLOAT & OPERATOR.			

CCDE
APPROVED
DATE

TOTAL LABOUR	320.00	
TOTAL PARTS	.00	
SALE AMOUNT		320
TOTAL		320

CHECKLIST FOR RECORDING ASSESMENT WORK
QUARTZ/PLACER

GRANT #S

$92732 DATE STAMP

MAIL FORMS TO: Cassiar Resources Ltd.

FEE'S PAID BY:

FEES $1,550.00 GENERAL RECEIPT B21947 CLAIM SHEET

GROUPING NO. HA00589-HA00676 CERTIFICATE OF WORK NO. QA13147 - 13332.

PROCESSING PARTICULARS:

- Entered in application register AM
- Entered in Computer
- Amend Lapsing Cards KR
- Grouping certificates processed ~~KK~~ ~~KR~~ ~~C.S~~
- Certificates of work processed KR.
- Record sheets processed
- Certificates mailed

CLAIM WORK PERFORMED ON: DETAILS OF WORK PERFORMED: 1 March 88

MINING RECORDER'S APPROVAL

REPORT SUBMITTED Drill Report Required

TO BE SUBMITTED ~~$33,947.00~~

CLAIM NAME:	GRANT NO:	RENEWAL TO:	REG'D OWNER:
100589 FARO 168, 185, 186, 188	QA13147 $100.00 92526, 92543, 92544, 92546	5 yrs	V10L2 1 March 1994
FARO 47, 50, 64, 141, 144, 165	148 $30.00 92233, 92236, 92352, 92505, 92508, 92523	1 yr	" " "
100590 FARO 187, 172	QA13149 $50.00 92545, 92530	5 yrs	V10L2 1 March 1994
FARO 49, 52, 143, 146, 167, 170	150 $30.00 92235, 92238, 92507, 92510, 92525, 92528	1 yrs	1 March 1994
100591 FARO 171	QA13151 $25.00 92529	5 yrs	V10L2 1 March 199
FARO 68	$20.00 152 92356	4 yrs	1 March 199
FARO 148, 150, 169	$15.00 153 92512, 92514, 92527	1 yr	1 March 199
100592 FARO 145, 147, 149, 152, 154	QA13154 $75.00 92509, 92511, 92513, 92552, 92554	1 yrs	V10L2 1 March 199
100593 WHI 7 FR, FARO 151, 153	QA13155 $15.00 94572, 92551, 92553	1 yr	V10L2 1 March 199
100594 WHI 14 FR, FARO 91, 94, 116	$20.00 QA13156 94696 92455, 92458, 92480	1 yr	V10L2 1 March 199
FARO 73, 75, 77, 79, 81,	157 $15.00 92361, 92363, 92365, 92367, 92369,	1 yr	1 March 199
100595 WHI 13 FR, FARO 80, 88, 89, 90, 92	QA13158 $30.00 94618, 92368, 92370, 92453, 92454, 92456	1 yr	V10L2 1 March 19

Claim Name		Grant No	Renewal to	Owner
VA00596		QA13159		
WHI	2,6 FR. FARO 74, 76, 78, 87, 88 $35.00	94567, 94571, 92362, 92364, 92366, 92375, 92376	1 yr	V1012 1 March 1994
VA00597		QA13160 $40.00		
WHI	9-12 FR, 4,5 FR FARO 85-86	94614-94617, 94569-94570-92373-92374	1 yr	V1012 1 March 1994
VA00598		$40.00 QA13161		
WHI	3 FR, FARO 48, 51, 83, 84, 137, 139, 142	94568, 92234, 92237, 92371, 92372, 92501, 92503, 92506	1 yr	V1012 1 March 1994
VA00599		$20.00 QA13162		
WHI	15-16 FR FARO 115, 118	94697-94698, 92479, 92482	1 yr	V1012 1 March 1994
HA00600		QA13163 $5.00		
WHI	17 FR	94699	1 yr	V1012 1 March 1994
VA00601		QA13164 $5.00		
WHI	18 FR. FARO 117, 120	94700, 92481, 92484	1 yr	V1012 1 March 199
VA00602		QA13165 $10.00		
FARO	119, 122	92483, 92486	1 yr	V1012 1 March 1994
VA00603		QA13166		
FARO	100, 102, 104, 106, 108	92464, 92466, 92468, 92470, 92472	1 yr	V1012 1 March 1994
FARO	110, 112, 167 114, 121 $45.00	92474, 92476, 92478, 92485	1 yr	1 March 1994
VA00604		QA13167 $25.00 168		
ED	26	93746	5 yrs	V1012 1 March 19
ED	50, FARO 169 97, 99, 101, 103 $25.00	93770, 92461, 92463, 92465, 92467	1 yrs	1 March 1994
FARO	105, 107, 109, 111, 113 $25.00	170 92469, 92471, 92473, 92475 92477	1 yr	1 March 199
VA00605		$80.00 171		
ED	25 Gal 136, 138, 140	93745, 92435, 92437, 92439	5 yrs	V1012 1 March 19
ED	46, 48, 49, 54, 55, 57, 61 $35.00	172 93766, 93768, 93769, 93774, 93775, 93777, 93781	1 yr	1 March 19
VA00606		173 $60.00		
ED	24, Gal 134, 137, 139, 141	93744, 92433, 92436, 92438, 92440	5 yrs	V1012 1 March 19
ED	42, 44, 45, 47 $20.00	93762, 93764, 93765, 93767	1 yr	1 March 199
VA00607		$175.00 QA13175		
ED	20, 22, 23 Gal 135, 146, 148, 150	93740, 93742, 93743, 92434, 92445, 92447, 92449	5 yrs	V1012 1 March 19
ED	43 $5.00	176 93763	1 yr	1 March 199
VA00608		QA13177 177		
ED	21, Gal 104, 144, 147, 149, 151	93741, 92403, 92443, 92446, 92448, 92450	5 yrs	V1012 1 March 199

Claim Name			Grant No.		Renewal to	Due date.
A00609		$175.00	QA13~~178~~178		V1012	
	ED 18, 19, Gal 102, 105, 132, 133, 145			93738, 93739 92401 92404 92431, 92432, 92444	5 yrs	1 March 19
	ED 40, 41, 53	$5.00	178	179 93760, 93761, 93773	1 yrs	1 March 1994
A00610		$175.00	QA13~~1807~~	180	V1012	
	ED 16, 17, Gal 100, 101, 103, 130, 131			93736, 93737, 92399 92400 92402 92429, 92430	5 yrs	1 March 1994
	ED 39	$5.00	18~~0~~	93759	1 yr	1 March 1994
A00611		$175.00	QA13182		V1012	
	ED 14, 15, Gal 98, 99, 126, 128, 129			93734, 93735, 92397, 92398 92425 92427, 92428	5 yrs	1 March 19
	ED 37, 38, 51, 52	$20.00	182~~0~~3	93757, 93758, 93771, 93772	1 yr	1 March 1994
A00612		$175.00	QA13184	93132 93133	V1012	
	ED 12, 13, Gal 96, 97, 124, 125, 127			~~92732~~, ~~92733~~, 92395, 92396, 92423 92424, 92426,	5 yrs	1 March 19
A00613			QA13185		V1012	
	HECK ~~8~~, 9, 11	$50.00		~~Y25560~~1, Y25562, Y25564	5 yrs	1 March 199
	HECK 8	$15.00	185	Y25561	3 yrs	1 March 1994
A00614			QA13186		V1012	
	HECK 10, 12	$50.00		Y25563, Y25565	5 yrs	1 March 199
A00615			QA13187		V1012	
	HEK 2, 4	$50.00		Y93372, Y93374	5 yrs	1 March 1
	HEK 6, 8, 10	$45.00	188	Y93376, Y93378, Y93380	3 yrs	1 March 19
A00616			QA13~~189~~189		V1012	
	HEK 1, 3	50.00		Y93371 Y93373	5 yrs	1 March 1
	HEK 5, ~~7~~9	45.00	~~191~~ 192	Y93375, Y93377, Y93379	3 yrs	1 March 19
A00617			QA13~~192~~191		V1012	
	DA 3-4	50.00		Y29771 - Y29772	5 yrs	1 March 19
	DA 5-7	45.00	~~193~~192	Y29773 - Y29775	3 yrs	1 March 199
A00618		50.00	QA13194 3		V1012	
	HECK 22, 24			Y25567, Y25569	5 yrs	1 March 19
	HECK 16, 18, 20	45.00	~~195~~194	Y25573 Y25575 Y25577	3 yrs	1 March 199
A00619			QA13~~196~~195		V1012	
	HECK 21, 23	50.00		Y25568, Y25568	5 yrs	1 March 19
	HECK 15, 17, 19	45.00	~~197~~ 196	Y25572, Y25574, Y25576	3 yrs	1 March 199

Claim Name	Grant No	Renewal to	Owner.
A00620	QA13 94754		
HEK 11-14, DA 8,9,11,12	Y93381-Y93384, Y29776-Y29777, Y29780-Y29781	V1012 3 yrs	1 March 199
A00621	QA13 198		
HECK 1, 3-7 $90.00	Y25554, Y25556-Y25560	V1012 3 yrs	1 March 199
A00622	$85.00 QA13 199		
TSS 8, 9 Fr, 10 Fr 24, 25	Y79616-Y79618, Y79632-Y79633	V1012 5 yrs	1 March 199
HECK 2, 13, 14 $45.00 200	Y25555, Y25570, Y25571	V1085 3 yrs	1 March 199
A00623	$75.00 QA13202		
TSS 7, 11-12 Fr 2	Y79615, Y79619-Y79620	V1085 5 yrs	1 March 199
TSS 13-16 Fr, 17-18, 19-20 Fr $135.00 203 DA 13	Y79621-Y79628, Y29781	V1085 3 yrs	1 March 199
A00624	$150.00 QA13203		
TSS 1-6, 21-23, DA 10,	Y79609-Y79614, Y79629-Y79631, Y29778	V1085 3 yrs	1 March 19
A00625	QA13204		
TSS 30-33, 38-39 150.00	Y79638-Y79641, Y79646-Y79647	V1085 5 yrs	1 March 199
TSS 21-29, 36-37 $75.00 205	Y79635-Y79637, Y79644-Y79645	3 yrs	1 March 199
A00626	$75.00 QA13206		
TSS 26, 34-35, FUBAR 23-24	Y79634, Y79642-Y79643, Y20469-Y20470	V1085 3 yrs	1 March 19
A00627	QA13 207		
GAL 142, 143, 152, 153 $60.00	92441, 92442, 92451, 92452	V1012 3 yrs	1 March 19
A00628	$150.00 QA13 208		
Ed 11, GAL 92, 94, 95, 122, 123	93731, 92391, 92393, 92394, 92421, 92422	V1012 5 yrs	1 March 19
FARO 258 Fr. GAL 59, 62 $15.00 209	Y1308, 92571, 92574	1 yrs	1 March 19
A00629	35.00 QA13 210		
WHI 35, 51-53, Que 8-9 Fr 1.0.5	Y3014, Y3015-17, Y10568-Y10569, 94122	V1012 1 yr	1 March 19
FARO 251, 254, GAL 70, Bill 26, 28 $85.00	QA13211 94141, 92582, 85608, 85610	1 yr	1 March 19
A00630	QA13 212		
FARO 166, 181, 183, 184 $100.00	92524, 92539, 92541, 92542	V1012 5 yrs	1 March
FARO 37, 40, 60, 62, 131, 133 $30.00 213	92223, 92226, 92348, 92350, 92495, 92497	5 yrs	1 March 19
FARO 135, 138, 140, 161, 163 $25.00 214	92499, 92502, 92504, 92519, 92521	1 yrs	1 March 19

	Claim Name	Grant No.	Renewal to	Expires
HA00631	FARO 164, 179, 180, 182	QA13215 QA13216 $100.00	92522, 92537, 92538, 92540	5 yrs V1012 1 March 199
	FARO 38, 123, 129, 132, 134	216 $25.00	92224, 92487, 92493, 92496, 92498	1 yr 1 March 199
	FARO 136, 157, 159, 162	217 $20.00	92500, 92515, 92517, 92520	1 yr 1 March 199
HA00632	FARO 158, 173-178	$175.00 QA13218 QA13219	92516, 92531-92536	5 yrs V1012 1 March 1999
	FARO 160, 189	$10.00 219	92518, 92547	1 yr 1 March 1994
HA00633	FARO 35-36, 191-192	$100.00 QA13220	91501-91502, 92549-92550	5 yrs V1012 1 March 19
	FARO 15-18, 125, 127, 130 190	$40.00 221	91481-91484, 92489, 92491, 92494, 92548	1 yr 1 March 199
HA00634	FARO 30, 32-34	$100.00 QA13222	91496, 91498-91500	5 yrs V1012 1 March 19
	FARO 13-14, 31, 59, 61	$25.00 223	91479, 91480, 91497, 92347, 92349	1 yr 1 March 19
	FARO 63, 124, 128, 195, WHI 14 Fr.	$25.00 224	92351, 92488, 92492, 94144, Y3019	1 yr 1 March 19
HA00635	WHI 104 Fr, 105 Fr, 134 Fr, FARO 27, 28 196	$150.00 QA13225	Y3298, Y3984, Y4369, 91493, 91494, 94145	V1012 5 yrs 1 March 1
	FARO 11, 12, 29, 126, WHI 100 Fr	$25.00 226	91477, 91478, 91495, 92490, Y3018	1 yr 1 March 19
HA00636	FARO 7-10, 24-26, 201, WHI 103 Fr	$225.00 QA13227	91473-91476, 91490-91492, 94148, Y3021	V1012 5 yrs 1 March 1
	FARO 197	$5.00 228	94146	1 yr 1 March 19
HA00637	WHI 102 Fr, FARO 5-6, 19-23	200.00 QA13229	Y3020, 91471-91472, 91485-91489	V1012 5 yrs 1 March
HA00638	FARO 2-4, 202	100.00 QA13230 QA13231	91468-91470, 94149	V1012 5 yrs 1 March
	FARO 1	10.00 232	91467	2 yrs 1 March
	FARO 199, 209, 198, 200, 203-207	$45.00 232	94147, 94150-94157	1 yr 1 March
HA00639	L.O. 4, 6-7, 14-19	$45.00 QA13232 QA13233	94121, 94123-94124, 94135-94140	V1076 1 yr 1 March
	Que 10-12 Fr Ok 1, 3	$25.00 234	Y10570-Y10572, Y79502, Y79504	V1076 1 yr 1 March
HA00640	FARO 253, 208	10.00 235	94128, 94158	V1012 1 yr 1 March
	ED 7-8 Gal 88, 89, 116, 117, 119	$175.00 QA13236	93727, 93728 92387, 92388, 92415, 416, 418	V1012 5 yrs 1 March
	Gal 57, Ed 33-34 FARO 252	$20.00 238 QA13237	92569, 93753, 93754, 94127	V1012 1 yr 1 March
	Bill 30	5.00 QA13238	85612	V1076 1 yr 1 March
HA00641	ED 9-10	$50.00 QA13239	93730-93730	V1012 5 yrs 1 March
	Gal 90, 91, 93, 118, 120, 121	$150.00 240 QA13240	92389, 92390, 92392, 92417, 92419, 92420	V1012 5 yrs 1 March
	FARO 250, Gal 61, Ed 35-36	242 QA13241	94125, 92573, 93755, 93756	V1012 1 yr 1 March

	Claim Name		Permit Number		Renewal to	Decrease.
HA00642			QA13242 ~~QA13243~~			
	OK 2	#10.00	Y79503		2 yrs	J1012, 1 March 1994
	OK 4-8	#25.00 #45.00	Y79505-Y79509	243 ~~244~~	1 yr	J1012, 1 March 1994
	L.O. 8-13 Que 6, 13-14 Fr.		94129-94134, Y10566, Y10573-Y10574		J1076	1 yr 1 March 19
WA00643		#175.00	QA13 ~~246~~ 245			
	Gal 29, 31, 32, 78, 79, 106, 107		92049, 92051, 92052, 92377, 92378, 92405, 92406		J1012	5 yr 1 March 1
	Gal ~~44~~, 43, 44, 48 49, 65, 66	#30.00	~~92060~~, 92063, 92064, 92560, 92561, 92577, 92578, ~~92~~	246	J1012	1 yr " "
	Bill 18	#5.00	85600	~~246~~ 247	J1076	1 " " "
A00644			QA13248 ~~QA13249~~			
	KO 1-4	#40.00	Y67951-Y67954		X ~~208~~ 121	2 yrs 1 March 199
	MO 1-9, 10, 11 Fr	#55.00	Y60723-Y60731, YA22259-YA22260	249 ~~250~~	J1012	1 yr " " "
A00645						
	FARO 93	#5.00	~~QA13251~~ QA13250	92457	J1012	1 yr 1 March 199
A00646			QA13251 ~~QA13252~~			
	Bill 20, 22, 24	#15.00	85602, 85604, 85606		J1012	1 yr 1 March
	FARO 255	#5.00	~~256~~ 252	94142	J1076	1 yr 1 March 19
A00647		#150.00	QA13253 ~~QA13254~~			
	ED 5-6, Gal 86-87, 114-115		93725-93726, 92385-92386, 92413-92414		J1012	5 yrs 1 March 19
	ED 31-32	#10.00	~~255~~ 254	93751-93752		1 yr 1 Mar 94
A00648		#150.00	QA13255 ~~QA13256~~			
	Gal 33-34, 80-81-108-109		92053-92054, 92379-92380, 92407-92408		J1012	5 yrs 1 March
	Gal 50-51, 67-68 Ed 27-28	#30.00	~~257~~ 256	92562-92563, 92579-92580, 93747-93748		1 yrs 1 March
A00649		#150.00	QA13257 ~~QA13258~~			
	ED 1-2, Gal 82-83, 110-111		93721-93722, 92381-92382, 92409-92410		J1012	5 yrs 1 March
	ED 29-30, Gal 52, 53, 69	#25.00	~~259~~ 258	93749-93750, 92564, 92565, 92581		1 yr 1 March
A00650			~~QA13260~~ QA13259			
	~~ED 3-4, 84-85, 112-113~~ Gal 84-85 112, 113, Ed 3-4	#150.00	92383-92384, 92411-92412, 93723-92724		J1012	5 yrs 1 March
	Gal 54-55	#10.00	~~261~~ 260	92566-92567		
A00651			~~QA13262~~ QA13261			
	Sun 38, Gal 244	#50.00	92682, 93385		J1012	5 yrs 1 Mar
	Sun 33, 36 Whi 41-42 Fr	#75.00	~~263~~ 262	92677, 92680, 41297-41299		3 yrs 1 Mar
A00652		150.00	~~QA13264~~ QA13263		J1012	
	Gal 242, 243, 245, 247, 254, 255		93383, 93384, 93386, 93388, 93394, 93395			5 yrs 1 Mar 19
	Sun 31, 32, 34	45.00	~~265~~ 264	92675, 92676, 92678		3 yrs " "

	Claim Name		Grant Number	Renewal to	Owner
HA00653	TIE 11, 15, WHI 34 FR, 119 FR, 121 FR	$125.00 QA13265	85729, 85733, Y1285, Y4371 Y4373	V1076	5 yrs
	Rich 42, 44-45	$75.00 266	93437, 93439 93440	V1012	5 yrs
	Rich 41, 43, 34, 35, 38-40	$35.00 267	93436, 93438, 97302-97303, 97306-97308	V1012	1 yr
HA00654	WHI 25 FR, 26 FR, 30 FR, TIE 8, 10	$125.00 QA13268	Y1282, Y1283, Y1289, 85726, 85728	V1076	5 yrs
	SUN 62	$25.00 269	92708	V1012	5 yrs
✓	SUN 35, 57, 58, 60	$60.00 270	92679, 92703, 92704, 92706	V1012	3 yrs
HA00655	WHI 44 FR, GAL 246, 248 SUN, 37, 61, 64, 65	$175.00 QA13271	Y1300, 93387, 93389, 92681, 92707, 710, 711	V1012	5 yrs
	TIE 20 WHI 27 FR. 50.00	272	85738, Y1286	V1076	5 yrs
HA00656	WHI 21-24 FR, 33 FR, 118, FR 120 FR, 122-123 FR	QA13273 $225.00	Y1278-Y1281, Y1284, Y4370, Y4372 Y4374-Y4375	V1076	5 yrs
	TIE 12-14, 16-18	274 $150.00	85730-85732, 85734-85736	V1076	" "
HA00657	TIE 1, 3, 5, 7, 19, 21-24	QA13275 $225.00	85719, 85721, 85723, 85725, 85737, 85739-85742	V1076	5 yrs
	WHI 28-29 FR, 32 FR, 125-127 FR.	$150.00 276	Y1287, Y1288, Y1291, Y4377-Y4379	V1076	5 yrs
HA00658	SUN 55-56	$40.00 QA13277	92701-92702	V1012	4 yrs
HA00659	TIE 2	$25.00 QA13278 $150.00	85720	V1076	5 yrs
	SUN 39, 40, 66, GAL 236, 237, 239	$175.00 279	92683, 92684, 92712, 93377, 93378, 93380	" V1012	"
	GAL 250-253 WHI 45 FR, 130 FR 131 FR.	280	93390-93393, Y1301, Y4382-Y4383	" V1012	"
HA00660	MIAMI 7, 9-12	QA13281 125.00	Y79360, Y79362-Y79365	V1025	5 yrs
	TIE 4, 6, 9, JOE 2	$100.00 282 $75.00	85722, 85724, 85727, 85680	V1076	" " "
	QUE 17 FR, WHI 31 FR, WHI 124 FR	283	Y10576, Y1290, Y4376	V1076	" "
HA00661	MIAMI 5, 8, 13	75.00 QA13284	Y79358, Y79361, Y79366	V1025	5 yrs
	WHI 46 FR. SUN 41, 42, 44, GAL 234, 238, 240, 241	285	Y1302, 92685, 92686, 92688 93375, 93379, 93381, 93382	V1012	5 yrs
					5 yrs
	QUE 16 FR.	286	Y10575	V1076	" "

Claim Name		Grant Number	Renewal to	Owner
MA00662				
Miami 3, 6	$50.00 QA13287	Y79356, Y79359	V1025	5 yrs 1 March 1991
SUN 43, 46, 48, 67, 68	$125.00 288	92687, 92690, 92692, 92713, 92714	V1012	" "
GAL 228, 230, 232, 233. WHI 47, 133 Fr.	$150.00 289	93369, 93371, 93373, 93374, Y1303, Y4385	V1012	"
JOE 4	$25.00 290	85682		" " V107
MA00663				
Miami 1, 4	$50.00 QA13292	Y79354, Y79357	V1025	5 yrs 1 Mar
WHI 48 Fr, 132 Fr, SUN 45, 47, 69, 70	$150.00 291	Y1304, Y4384, 92689, 92691, 92715, 92716	V1012	5 yrs 1 Mar
GAL 14, 226, 227, 229, 231	$125.00 V1076 292	92034, 93367, 93368, 93370, 93372	V1012	5 yrs 1 Mar
JOE 6	$25.00 293	85684		" " "
MA00664				
GAL 263, 264, 265, 13, 16, 218, 224.	175.00 QA13295	YA8155-YA8157, 92033, 92036, 93359, 93365	V1012	5 yrs 1 Mar
Miami 2, 6	25.00 296	Y79355	V1025	" " "
WHI 49 Fr, 50 Fr, GAL 225, 235	100.00 297	Y1305, Y1306, 93366, 93376	V1012	" " "
JOE 8	25.00 298	85686	V1076	" " "
MA00665				
GAL 216, 219, 220, 222, 223	175.00 QA13299	93357, 93360, 93361, 93363, 93364, 92022, 035	V1012	5 yrs 1 Mar
GAL 18, SUN 71-74	125.00 300	92038 92717-92720	V1012	
JOE 10	25.00 301	85688	V1076	
MA00666				
JOE 12	25.00 QA13302	85690	V1076	5 yrs 1 March
GAL 1, 4, 17, 20, 200, 204-207	225.00 303	92021, 92024, 92037, 92040, 93341, 93345-93348	V1012	"
GAL 214, 217, 221	75.00 304	93355, 93358, 93362	V1012	" " "
MA00667				
ROC 5, 6 GAL 198, 213, 215	125.00 QA13306	Y78032-Y78033, 93339, 93354, 93356	V1012	5 yrs 1 Mar
GAL 3, 6, 19, 176-177, 201-203	200.00 305	92023, 92026, 92039, 93317-93318, 93342-93344	V1012	
MA00668				
JOE 14	$25.00 QA13307	85692	V1076	5 yrs 1 Mar 19
GAL 5, 8, 21, 22, 172-175	200.00 308	92025, 92028, 92041, 92042, 93313-93316	V1012	" "
GAL 194, 196, 199, 212 ROC 3, 4	150.00 309	93335, 93337, 93340, 93353, Y78030, Y78031	V1012	" "
MA00669				
GAL 7, 10, 23-24, 168-171	200.00 QA13310	92027, 92030, 92043, 92044, 93309-93312	V1012	5 yrs 1 Mar
GAL 192, 195 197, 211, ROC 1-2	150.00 311	93333, 93336, 93338, 93352, Y78028-Y78029	V1012	
QUE 18 FR	25.00 312	Y10577	V1076	

(9)

Claim Name	Grant No.		Renewal to	Owner.
QA00670				
Joe 16	$5.00 QA13313	85694	V1076	5 yrs 1 March 199
Gal 36, 77	$5.00 314	92056, 92589	V1012	1 yr 1 March 199
Gal 12	$5.00 315	92032	V1012	5 yrs 1 March 19
Gal 9, 164-167, 190-191	$175.00 316	92029, 93305-93308, 93331-93332	V1012	5 yrs 1 March 199
Gal 193, 210, 260-261	$100.00 317	93334, 93351, YA8152-YA8153	V1012	5 yrs 1 March 19
QA00671				
Gal 162	$20.00 QA13318	93303	V1012	4 yrs 1 March 199
Gal 35, 262 FR.	$10.00 319	92055, YA8254 (YA8245)	V1012	1 yr 1 March 199
Joe 18	$5.00 320	85696	V1076	1 yr 1 March 199
Gal 11, 161, 163, 186-187, 209	$200.00 321	92031, 93302, 93304, 93327-93330, 93350	V1012	5 yrs 1 March 199
QA00672				
Joe 17 Que 97 FR	$10.00 QA13322	85695, Y10567 (Y10576)	V1076	1 yr 1 March 199
Gal 37, 38, 45-46	$20.00 323	92057-92058, 92557-92558	V1012	1 yr 1 March 199
Gal 26, 158-160, 183-185, 208	$175.00 324	92046, 92299-93301, 93324-93326, 93349	V1012	5 yrs 1 March 199
QA00673				
Bill 17	$5.00 QA13325	85599	V1076	1 yr 1 March 199
Gal 39-40, 63-64	$20.00 326	92059-92060, 92575-92576	V1012	1 yr " " "
Gal 25, 28, 181-182, 156, 157	$150.00 327	92045, 92048, 93322, 93323, 93297-93298	V1012	5 yrs 1 March 199
QA00674				
Bill 16	$5.00 QA13328	85598	V1076	1 yr 1 March 199
Gal 41-42, 47, 257-258	$25.00 329	92061, 92062, 92559, YA8149-YA8151	V1012	1 yr " "
Gal 27, 30, 154, 155, 178, (180)	175.00 330	92047, 92050, 93295-93296, 93319-93321	V1012	5 yrs 1 March 19
QA00675				
• Ko 5-12, 24, 26, 13-17	$120.00 QA13333	Y67957-Y67964, Y67974-Y67976, Y67955-956		2 yrs 1 Mar (X1208 X1211)
QA00676				
Ko 15-23, 25, 35-36	$120.00 QA13339	Y67965-Y67973, Y67975, Y67977-Y67978		2 yrs 1 Mar (X1208 X1211)

092732

Curragh Resources Inc.

November 22, 1988

INDEX MAP

1988 FARO NW PROJECT

ORTHOPHOTO SHEET LOCATIONS

105 K 4/5 (132)

MINERAL LEASES

CLAIMS BLOCKS

RV CLAIMS

1:5000 MAP SHEETS

0 .5 1 2 3 4 5 km

Scale 1:50,000

SHEET 6

SHEET 7

SHEET 8

Limit of Mapping

Limit of Mapping
E-6-5 (W 1/2)

E-6-5 (E 1/2)

D-6-4 (E 1/2)

E-6-3 (W 1/2)

E-6-3 (E 1/2)

RANGE

ANVIL

NE

LAR

AL

HECK

HEK

DEE

FUBAR

FARO

BILL

ROC

JOE

GAL

URN

AND

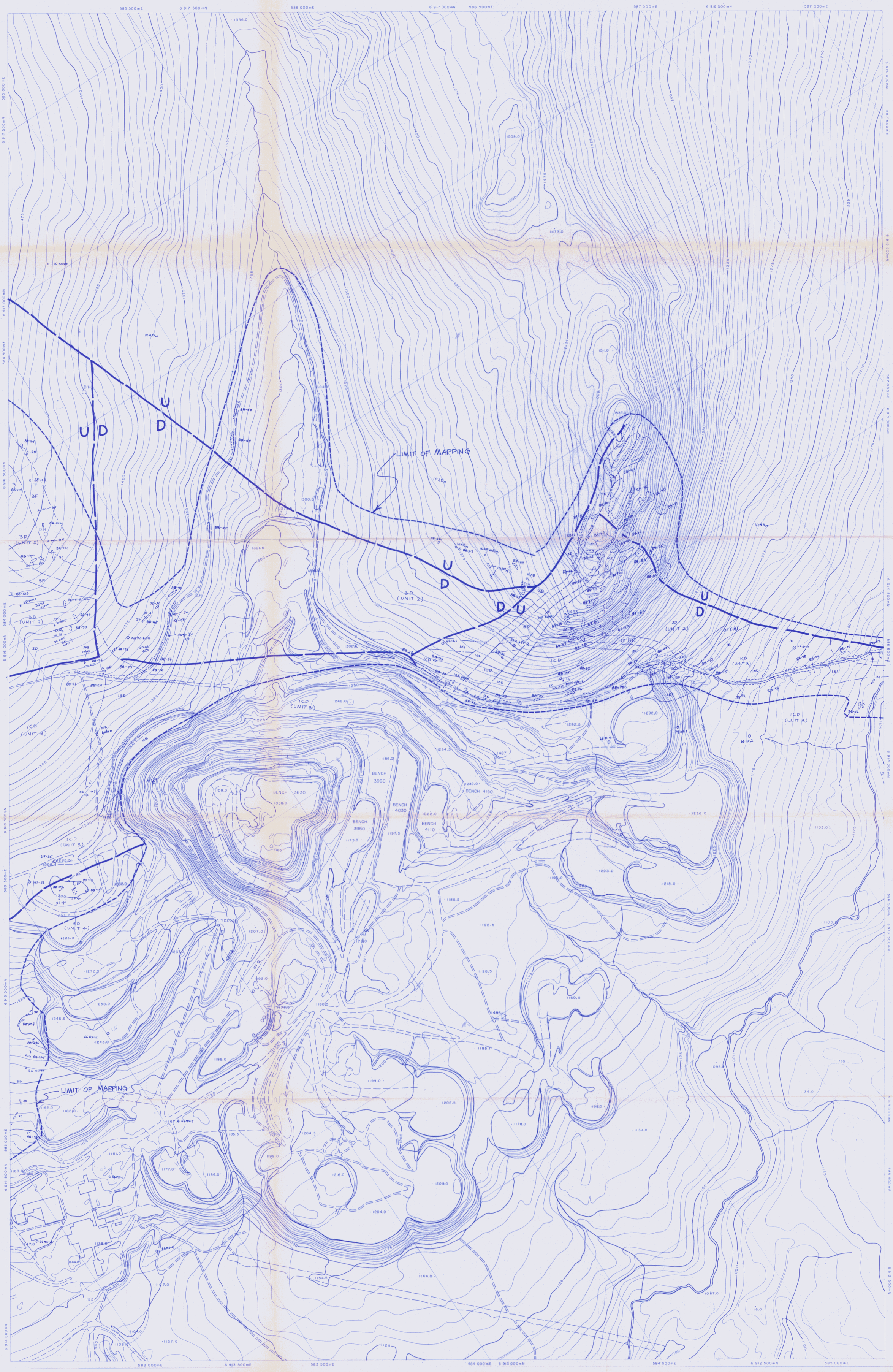
DRN

LYON

GREAT

DANE

RAN



LEGEND :

ROCK TYPES

VANGORDA FORMATION

3D (UNIT 4)	BIOTITE CALC-SILICATE
3F	MARBLE
5B	CALCAREOUS BIOTITE PHYLLITE
$5C_A$	AMPHIBOLITE (METABASITE)
$5C_P$	PYROXENITE

MT. MYE FORMATION

ICD	NONCALCAREOUS BIOTITE SCHIST
3C	AMPHIBOLITE (METABASITE)
3D (UNIT 2)	BIOTITE CALC-SILICATE
3F	MARBLE
3G	NONCALCAREOUS PHYLLITE

INTRUSIONS

$10AB_M$	MEGACRYSTIC GRANITE (ANVIL BATHOLITH)
10E	HORNBLENDE-BIOTITE PORPHYRY

LITHOLOGIC CONTACT

U / D FAULT

CALC-SILICATE

METAMORPHIC "ISOGRAD"

CALCAREOUS PHYLLITE

SHEET INDEX

6	7	8	E 6-5 (W 1/2)	E 6-5 (E 1/2)
		D 6-4 (E 1/2)	E 6-3 (W 1/2)	E 6-3 (E 1/2)

SCALE 1 : 5000

100 0 100 200 300 400 500 METRES

CONTOUR INTERVAL 5 m

CURRAGH RESOURCES INC.

105 K 4/5 (124)

FARO NW PROJECT

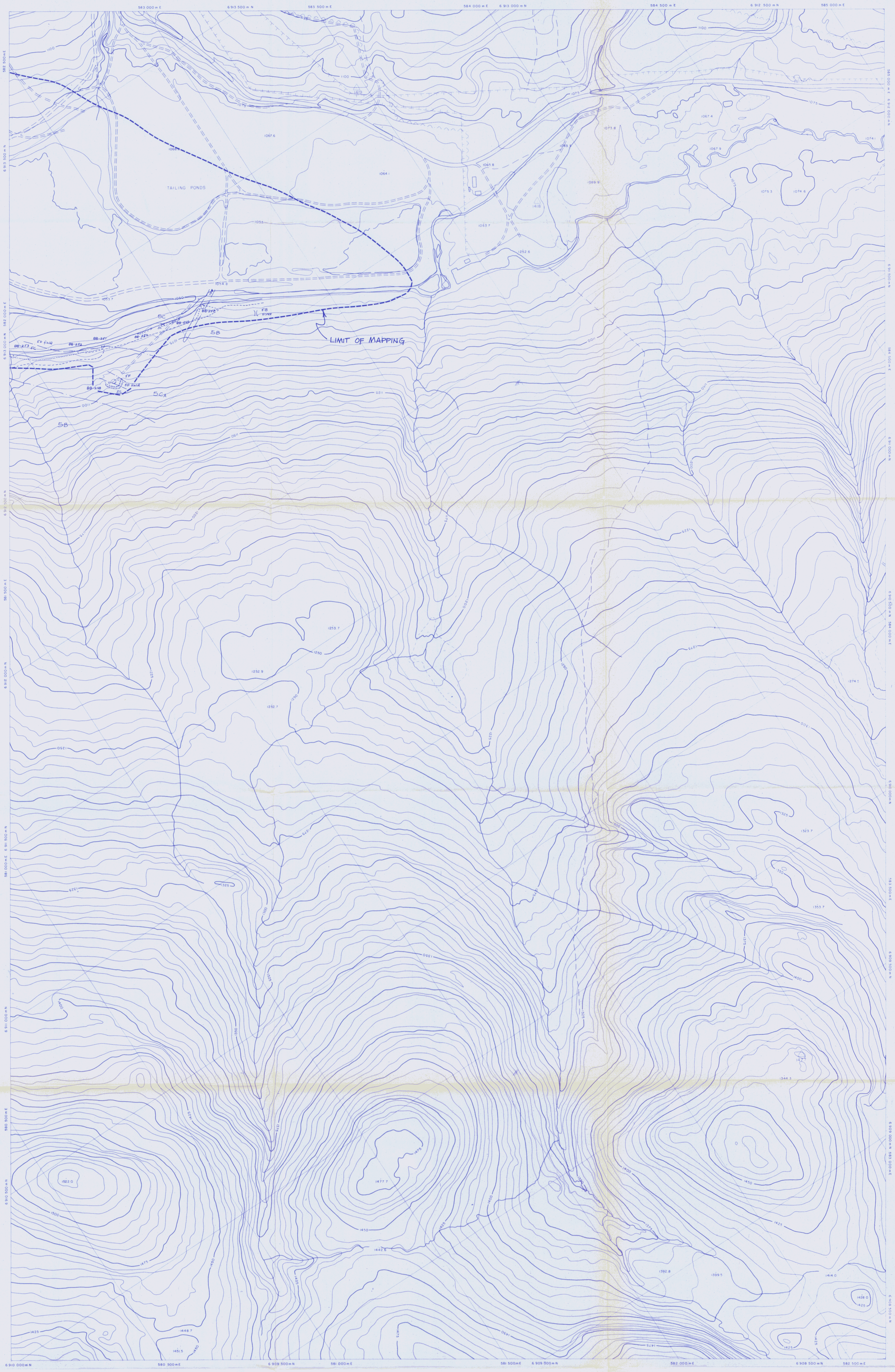
1988 GEOLOGY - MAP E 6-5 (E 1/2)

DRAWING : 88WH - FA - 0001

FIGURE : 4

GEOLOGIST : L.C. PIGAGE

092782



LEGEND :

ROCK TYPES

VANGORDA FORMATION

3D (UNIT 4)	BIOTITE CALC-SILICATE
3F	MARBLE
5B	CALCAREOUS BIOTITE PHYLLITE
$5C_A$	AMPHIBOLITE (METABASITE)
$5C_P$	PYROXENITE

MT. MYE FORMATION

ICD	NONCALCAREOUS BIOTITE SCHIST
3C	AMPHIBOLITE (METABASITE)
3D (UNIT 2)	BIOTITE CALC-SILICATE
3F	MARBLE
3G	NONCALCAREOUS PHYLLITE

INTRUSIONS

$IOAB_M$	MEGACRYSTIC GRANITE (ANVIL BATHOLITH)
IOE	HORNBLENDE-BIOTITE PORPHYRY

LITHOLOGIC CONTACT

U / D FAULT

CALC-SILICATE

METAMORPHIC "ISOGRAD"

CALCAREOUS PHYLLITE

SHEET INDEX

6	7	8	E 6-5 ($W\frac{1}{2}$)	E 6-5 ($E\frac{1}{2}$)
		D 6-4 ($E\frac{1}{2}$)	E 6-3 ($W\frac{1}{2}$)	E 6-3 ($E\frac{1}{2}$)

SCALE 1 : 5000

100 0 100 200 300 400 500 METRES

CONTOUR INTERVAL 5 m

CURRAGH RESOURCES INC.

105 K 4/5

FARO NW PROJECT (125)

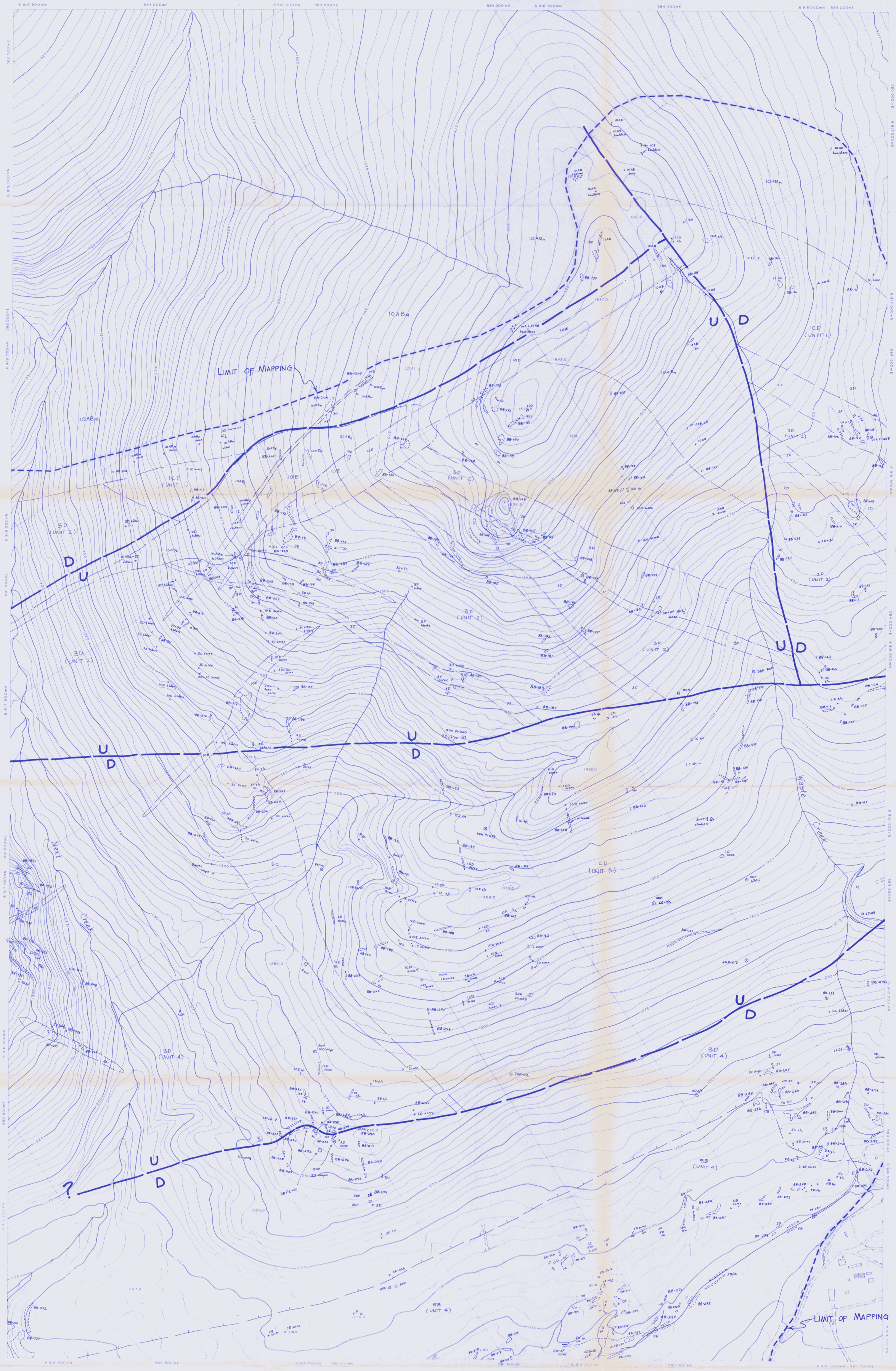
1988 GEOLOGY - MAP E 6-3 ($E\frac{1}{2}$)

DRAWING : 88WH - FA - 0002

FIGURE : 5

GEOLOGIST : L.C. PIGAGE

092733



LEGEND :

ROCK TYPES

VANGORDA FORMATION

3D (UNIT 4)	BIOTITE CALC-SILICATE
3F	MARBLE
5B	CALCAREOUS BIOTITE PHYLLITE
$5C_A$	AMPHIBOLITE (METABASITE)
$5C_P$	PYROXENITE

MT. MYE FORMATION

ICD	NONCALCAREOUS BIOTITE SCHIST
3C	AMPHIBOLITE (METABASITE)
3D (UNIT 2)	BIOTITE CALC-SILICATE
3F	MARBLE
3G	NONCALCAREOUS PHYLLITE

INTRUSIONS

$10AB_M$	MEGACRYSTIC GRANITE (ANVIL BATHOLITH)
10E	HORNBLENDE-BIOTITE PORPHYRY

LITHOLOGIC CONTACT

U / D FAULT

CALC-SILICATE

METAMORPHIC "ISOGRAD"

CALCAREOUS PHYLLITE

SCALE 1 : 5000

100 0 100 200 300 400 500 METRES

CONTOUR INTERVAL 5 m

SHEET INDEX

6	7	8	E 6-5 (W 1/2)	E 6-5 (E 1/2)
		D 6-4 (E 1/2)	E 6-3 (W 1/2)	E 6-3 (E 1/2)

CURRAGH RESOURCES INC.

105 K 4/5

FARO NW PROJECT (126)

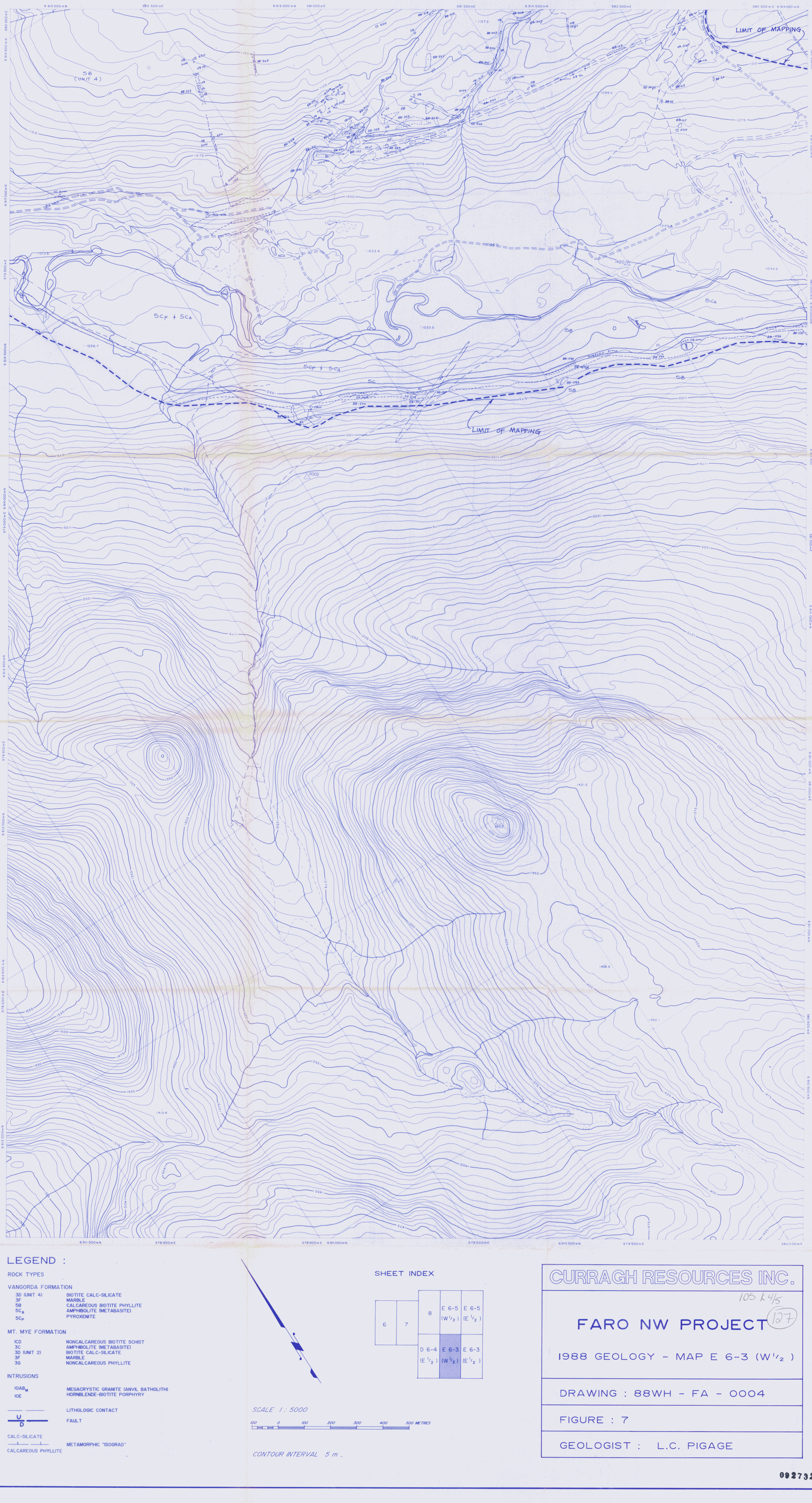
1988 GEOLOGY - MAP E 6-5 (W 1/2)

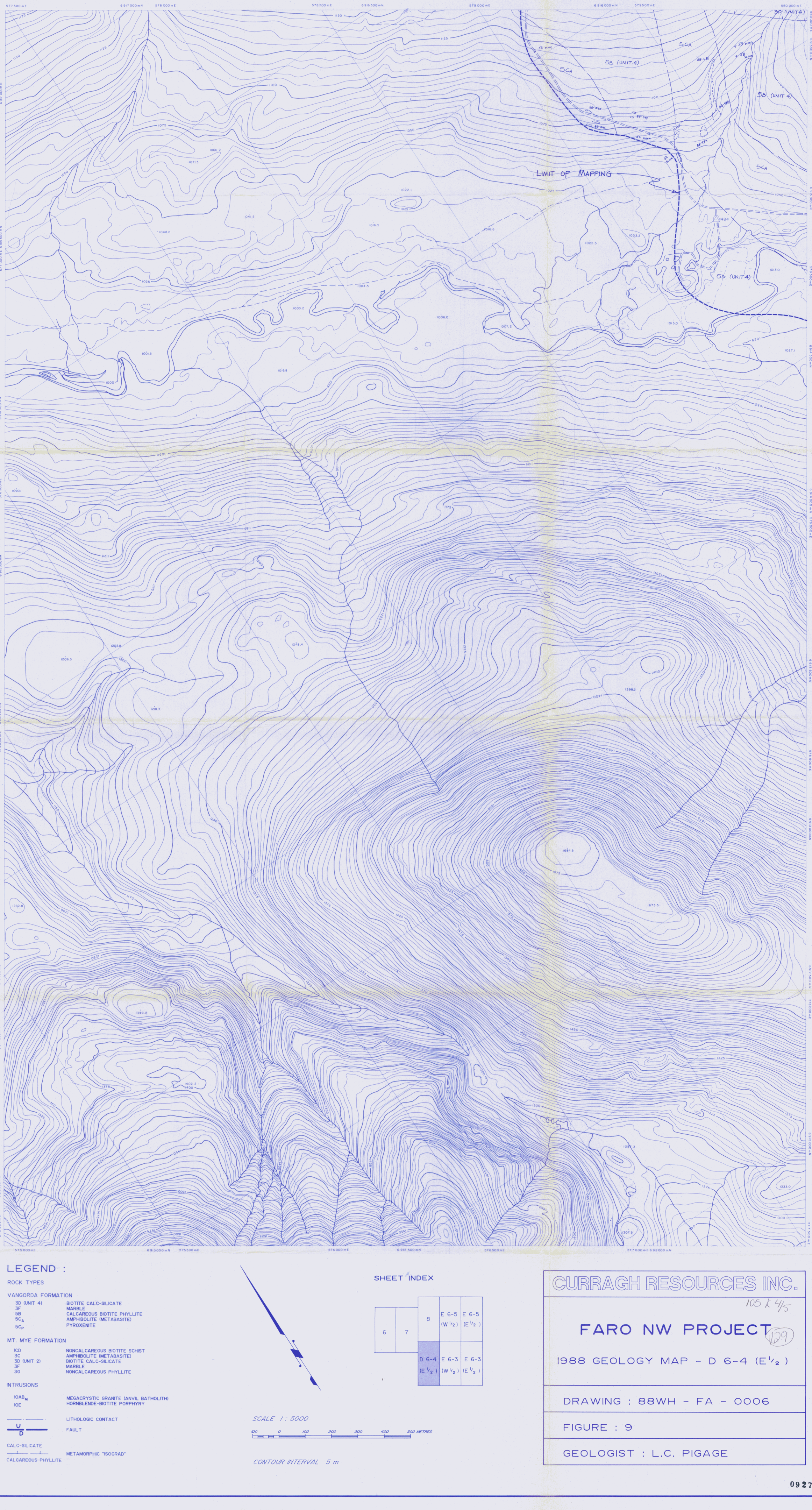
DRAWING : 88WH - FA - 0003

FIGURE : 6

GEOLOGIST : L.C. PIGAGE

092732


LIMIT OF MAPPING
LIMIT OF MAPPING
5B (UNIT 4)
5Cp ŧ 5CA
5Cp ŧ 5CA
5B
5C
5CA
5B
5B
5B
5C
5B
5B
5B



LEGEND :

ROCK TYPES

VANGORDA FORMATION

3D (UNIT 4)	BIOTITE CALC-SILICATE
3F	MARBLE
5B	CALCAREOUS BIOTITE PHYLLITE
$5C_A$	AMPHIBOLITE (METABASITE)
$5C_P$	PYROXENITE

MT. MYE FORMATION

ICD	NONCALCAREOUS BIOTITE SCHIST
3C	AMPHIBOLITE (METABASITE)
3D (UNIT 2)	BIOTITE CALC-SILICATE
3F	MARBLE
3G	NONCALCAREOUS PHYLLITE

INTRUSIONS

$IOAB_M$	MEGACRYSTIC GRANITE (ANVIL BATHOLITH)
IOE	HORNBLENDE-BIOTITE PORPHYRY

LITHOLOGIC CONTACT

U / D FAULT

CALC-SILICATE

METAMORPHIC "ISOGRAD"

CALCAREOUS PHYLLITE

SHEET INDEX

6	7	8	E 6-5 (W 1/2)	E 6-5 (E 1/2)
		D 6-4 (E 1/2)	E 6-3 (W 1/2)	E 6-3 (E 1/2)

SCALE 1 : 5000

100 0 100 200 300 400 500 METRES

CONTOUR INTERVAL 5 m

CURRAGH RESOURCES INC.

105 K 4/5

FARO NW PROJECT

129

1988 GEOLOGY MAP - D 6-4 (E 1/2)

DRAWING : 88WH - FA - 0006

FIGURE : 9

GEOLOGIST : L.C. PIGAGE

092732

LIMIT OF MAPPING

LIMIT OF MAPPING

LEGEND :

ROCK TYPES

VANGORDA FORMATION

3D (UNIT 4)	BIOTITE CALC-SILICATE
3F	MARBLE
5B	CALCAREOUS BIOTITE PHYLLITE
$5C_A$	AMPHIBOLITE (METABASITE)
$5C_P$	PYROXENITE

MT. MYE FORMATION

1CD	NONCALCAREOUS BIOTITE SCHIST
3C	AMPHIBOLITE (METABASITE)
3D (UNIT 2)	BIOTITE CALC-SILICATE
3F	MARBLE
3G	NONCALCAREOUS PHYLLITE

INTRUSIONS

$10AB_M$	MEGACRYSTIC GRANITE (ANVIL BATHOLITH)
10E	HORNBLENDE-BIOTITE PORPHYRY

LITHOLOGIC CONTACT

U / D FAULT

CALC-SILICATE

METAMORPHIC "ISOGRAD"

CALCAREOUS PHYLLITE

SHEET INDEX

6	7	8	E 6-5 (W 1/2)	E 6-5 (E 1/2)
		D 6-4 (E 1/2)	E 6-3 (W 1/2)	E 6-3 (E 1/2)

SCALE 1 : 5000

100 0 100 200 300 400 500 METRES

CONTOUR INTERVAL 5 m

CURRAGH RESOURCES INC.

105 k 4/5

FARO NW PROJECT

128

1988 GEOLOGY - MAP 8

DRAWING : 88WH - FA - 0005

FIGURE : 8

GEOLOGIST : L.C. PIGAGE

092732

LIMIT OF MAPPING

LEGEND :

ROCK TYPES

VANGORDA FORMATION

3D (UNIT 4)	BIOTITE CALC-SILICATE
3F	MARBLE
5B	CALCAREOUS BIOTITE PHYLLITE
$5C_A$	AMPHIBOLITE (METABASITE)
$5C_P$	PYROXENITE

MT. MYE FORMATION

ICD	NONCALCAREOUS BIOTITE SCHIST
3C	AMPHIBOLITE (METABASITE)
3D (UNIT 2)	BIOTITE CALC-SILICATE
3F	MARBLE
3G	NONCALCAREOUS PHYLLITE

INTRUSIONS

$IOAB_M$	MEGACRYSTIC GRANITE (ANVIL BATHOLITH)
IOE	HORNBLENDE-BIOTITE PORPHYRY

LITHOLOGIC CONTACT

U / D FAULT

CALC-SILICATE

METAMORPHIC "ISOGRAD"

CALCAREOUS PHYLLITE

SHEET INDEX

6	7	8	E 6-5 ($W\frac{1}{2}$)	E 6-5 ($E\frac{1}{2}$)
		D 6-4 ($E\frac{1}{2}$)	E 6-3 ($W\frac{1}{2}$)	E 6-3 ($E\frac{1}{2}$)

SCALE 1 : 5000

100 0 100 200 300 400 500 METRES

CONTOUR INTERVAL 5 m

CURRAGH RESOURCES INC.

105 K 4/5

FARO NW PROJECT (130)

1988 GEOLOGY - MAP 7

DRAWING : 88WH - FA - 0007

FIGURE : 10

GEOLOGIST : L.C. PIGAGE

092732

LIMIT OF MAPPING

LIMIT OF MAPPING

LEGEND :

ROCK TYPES

VANGORDA FORMATION

3D (UNIT 4)	BIOTITE CALC-SILICATE
3F	MARBLE
5B	CALCAREOUS BIOTITE PHYLLITE
$5C_A$	AMPHIBOLITE (METABASITE)
$5C_P$	PYROXENITE

MT. MYE FORMATION

ICD	NONCALCAREOUS BIOTITE SCHIST
3C	AMPHIBOLITE (METABASITE)
3D (UNIT 2)	BIOTITE CALC-SILICATE
3F	MARBLE
3G	NONCALCAREOUS PHYLLITE

INTRUSIONS

$IOAB_M$	MEGACRYSTIC GRANITE (ANVIL BATHOLITH)
IOE	HORNBLENDE-BIOTITE PORPHYRY

LITHOLOGIC CONTACT

FAULT (U / D)

CALC-SILICATE

METAMORPHIC "ISOGRAD"

CALCAREOUS PHYLLITE

SHEET INDEX

6	7	8	E 6-5 ($W^1/_2$)	E 6-5 ($E^1/_2$)
		D 6-4 ($E^1/_2$)	E 6-3 ($W^1/_2$)	E 6-3 ($E^1/_2$)

SCALE 1 : 5000

100 0 100 200 300 400 500 METRES

CONTOUR INTERVAL 5 m

CURRAGH RESOURCES INC.

105 k 4/5

FARO NW PROJECT

(131)

1988 GEOLOGY - MAP 6

DRAWING : 88WH - FA - 0008

FIGURE : 11

GEOLOGIST : L.C. PIGAGE

092732

SW

NE

+1300.00

+1200.00

+1100.00

+1000.00

+900.00

+800.00

88FX-01
303.6
(-.21)

(-7.01)

N+915500.0

E+581500.0

N+916000.0

SECTION VIEW

E+581500.00

88FX-01

PLAN VIEW

N+915500.00

N+916000.00

092732

CURRAGH RESOURCES

FARO NW GEOLOGY PROJECT

VERTICAL CROSS SECTION

DDH 88FX-01 (133)

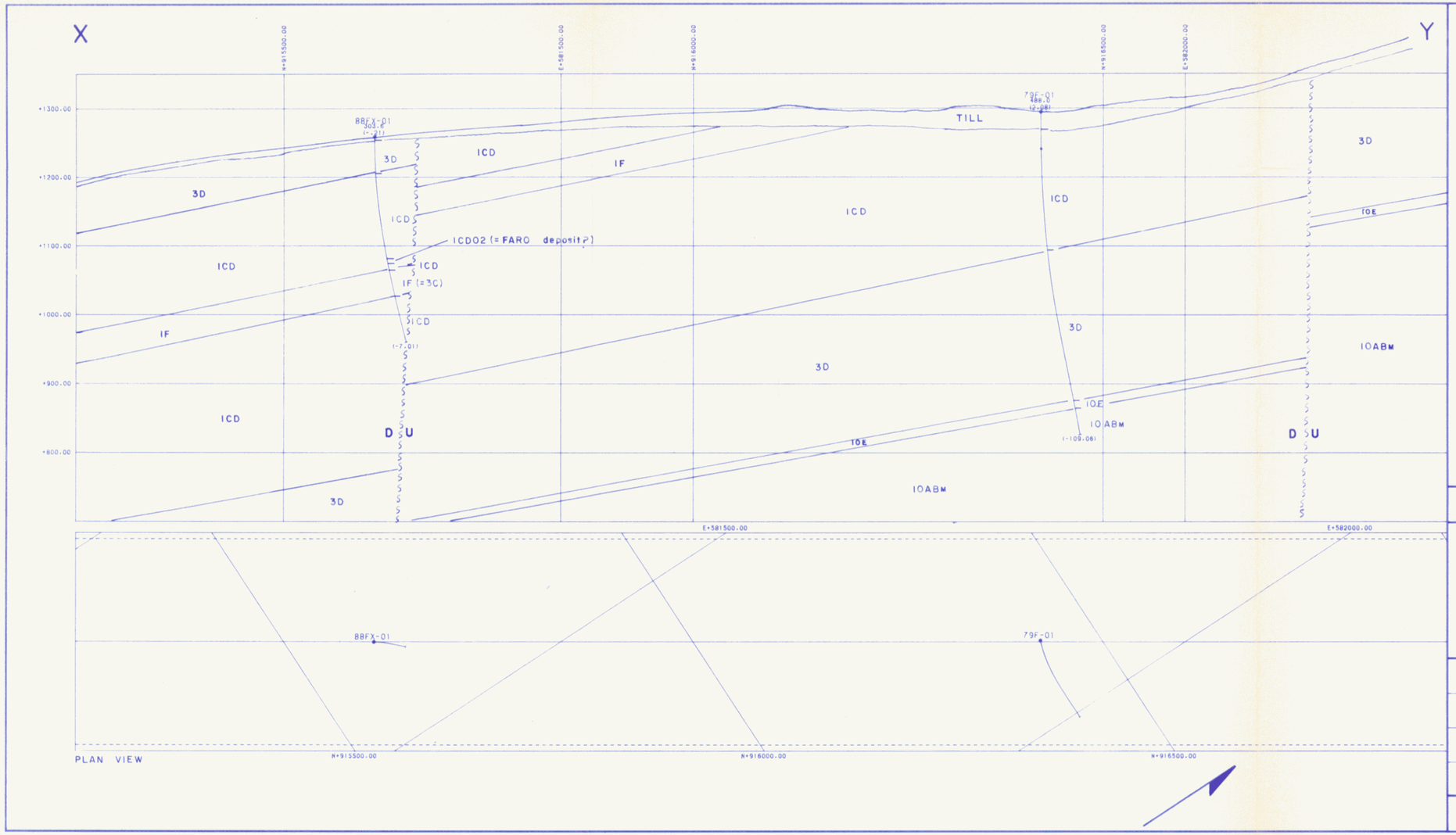
105 K 4/5

PLOTTED BY PC-XPLOR VERSION 1.00

FARO NORTHWEST EXPLORATION GEOLOGY

Figure 12

DATE : 12/ 5/1989 SCALE 1: 2000



092732

CURRAGH RESOURCES

FARO NW GEOLOGY PROJECT

VERTICAL CROSS SECTION

X - Y (134)

105 K 4/5

PLOTTED BY PC-XPLOR VERSION 1.00

FARO NORTHWEST EXPLORATION GEOLOGY

Figure 13

DATE : 12/ 5/1989 SCALE 1: 5000