Box 8

REPORT ON EXPLORATION AND DIAMOND DRILLING ON THE NIMPKISH GROUP

MAY, 1984

T. Bruland

Report #129-086-84

MTS 92 L/6E

FALCONBRIDGE

Memorandum

Date: October 10, 1984
Expl. 382/84
To: L.C. Kilburn

Copies to: T. Bruland, E. Specogne
Files
From: J.B. Gammon

Subject: Report #129-086-84
Drilling at Nimpkish

Please find enclosed Tor Bruland's report on drilling carried out on the Nimpkish property this spring. No extensions to the mineralized showing were found and the VLF anomaly appears to be due to a water filled shear. The option has been terminated.

J.B. Gammon

JBG:ktt
Encls.

REPORT ON EXPLORATION AND DIAMOND DRILLING

ON THE

NIMPKISH GROUP

NANAIMO MINING DIVISION

Longitude 127 07' W

Latitude 50 15' N

NTS 92L/6E

OWNER: FALCONBRIDGE LIMITED

OPERATOR: FALCONBRIDGE LIMITED

Tor Bruland
May 1984

Report No. 129-086-84

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ILLUSTRATIONS

INTRODUCTION

Detailed geochemical soil sampling around isolated high Au values and a Ag anomaly, from 1983 geochemical soil sampling, were carried out on the Nimpkish Group (Fig. 1 & 2) in February, 1984. The sampling was done over an area of 100 m by 100 m on 25 m lines with 25 m station spacing over the high Au values, and on 50 m lines with 25 m station spacing over the multiple point Au anomalies. The Ag anomaly in the northwest corner of the property was originally sampled on 200 m lines and 100 m stations. One line with 50 m stations was put in before weather condition stopped the work. A total of 190 samples were taken, all returned low Au and Ag values. The pulps with high Au and Ag values from 1983 were analysed again and also returned low values so the remaining sampling of the Ag anomaly was aborted.

A 366.4 m diamond drill program was carried out on the property between April 4 and April 14 to test the VLF-EM anomaly under the main showing. All the core was sampled in 3 m' interval and assayed for Au, Ag, Cu, Pb, Zn and Mo. No anomalous values were received from the assaying and no major mineralization was found in the core.

No assessment report will be recorded since the property is in good standing to May 1989 which is enough for it to be returned to Efrem Specogna with one year assessment work.

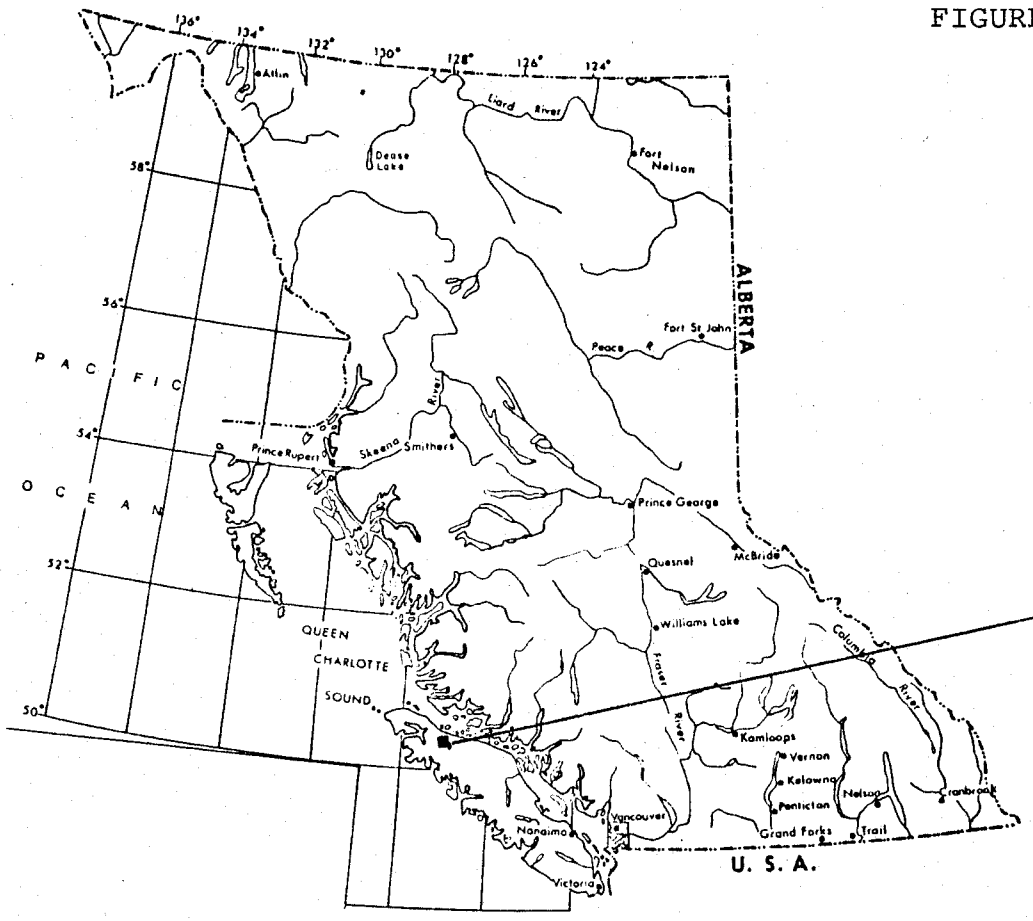
LOCATION AND ACCESSIBILITY

The property is located on northern Vancouver Island, B.C. on the west shore of Nimpkish Lake, 12 km south of Port McNeil and 310 km northwest of Vancouver, on the Alice Lake, topographic sheet (NTS 92L/6E) (Figure 1).

Access to the property is gained by using the Canadian Forest Products logging road, the Kilpala main line, which intersects the Island highway at the north end of Nimpkish Lake (Figure 1).

The main showing is located in a small rock quarry beside branch 800 which cuts the main line at mile 14. (Figure 2).

FIGURE 1: Location map and access routes for the Nimpkish Group.

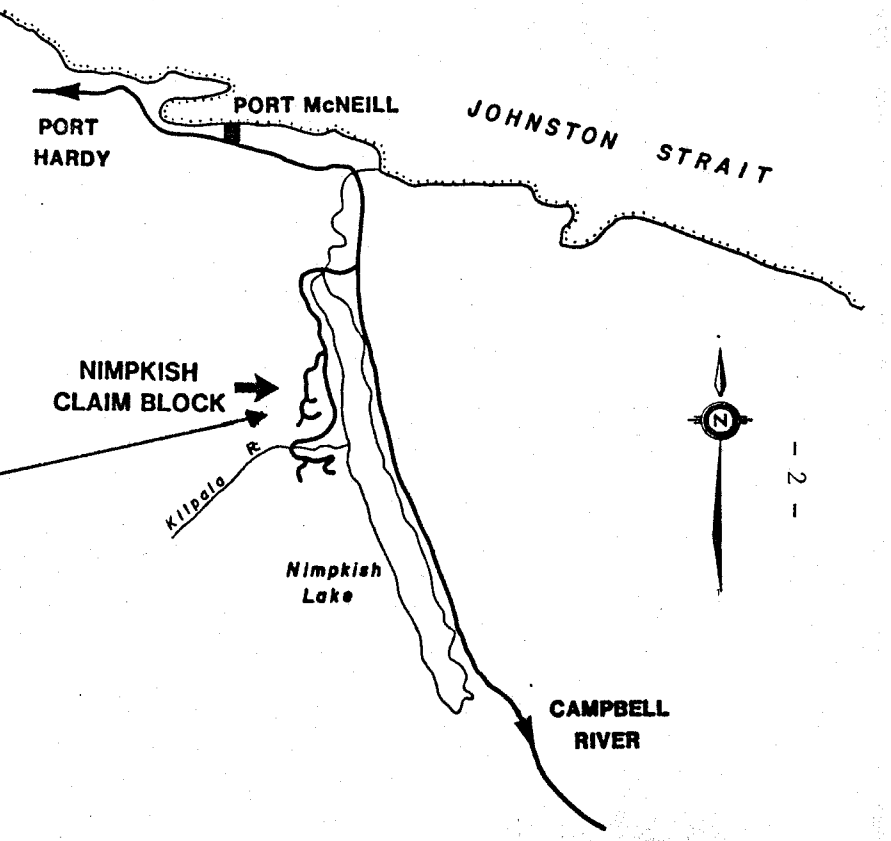


INDEX MAP

BRITISH COLUMBIA

150 0 150 300 450 Km.

SCALE 1: 7·500·000



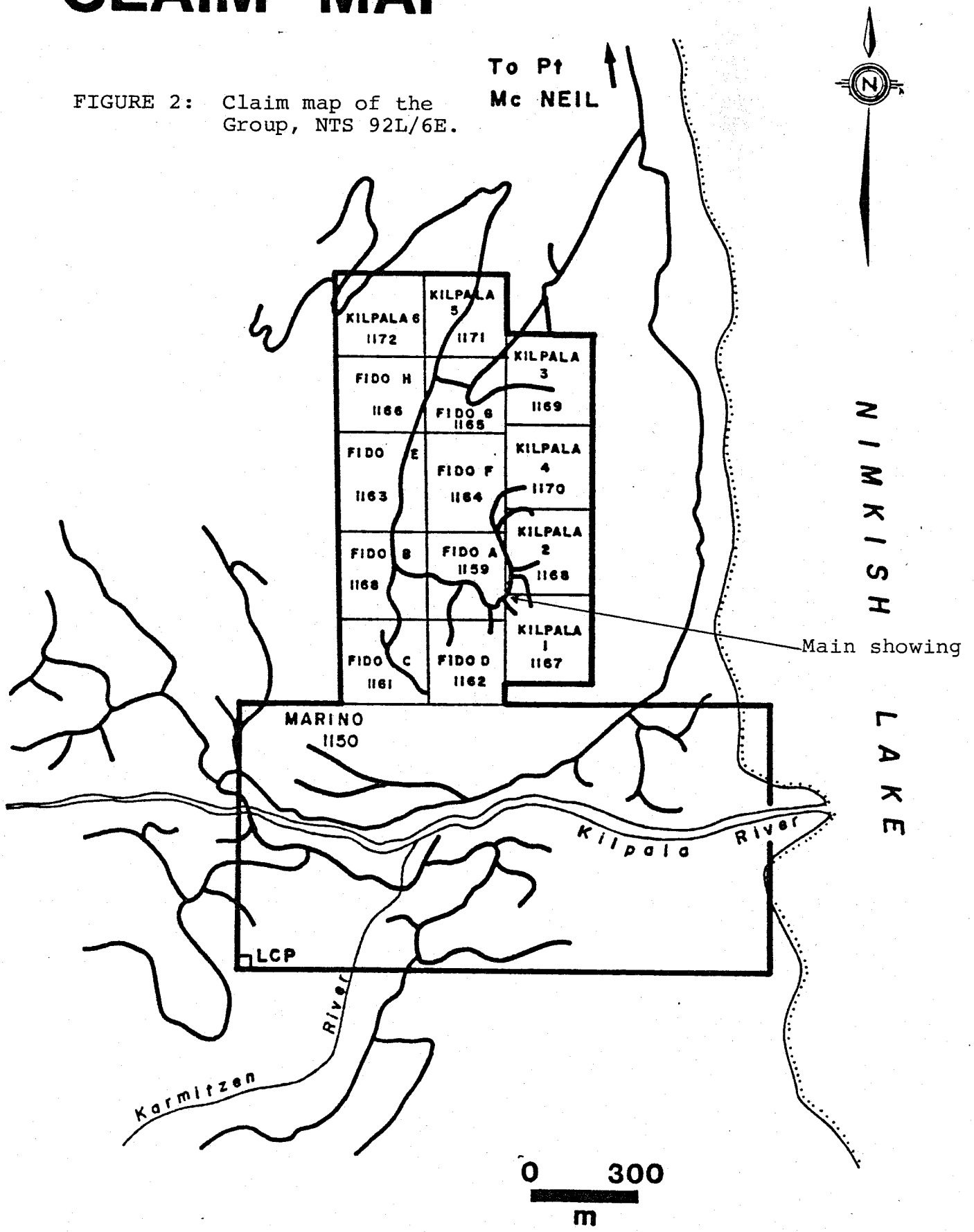
ACCESS ROUTES

0 10

Km

CLAIM MAP

FIGURE 2: Claim map of the Group, NTS 92L/6E.



CLAIM INFORMATION

The Nimpkish Group mineral claims consist of the Following claims:

Name	Record No.	Units	Hectars	Expiry date
Marino	1150	18	450	May 7/89
Fido A	1159	1	25	May 8/89
Fido B	1160	1	25	May 18/89
Fido C	1161	1	25	May 18/89
Fido D	1162	1	25	May 18/89
Fido E	1163	1	25	May 18/89
Fido F	1164	1	25	May 18/89
Fido G	1165	1	25	May 19/89
Fido H	1166	1	25	May 18/89
Kilpala 1	1167	1	25	May 18/89
Kilpala 2	1168	1	25	May 18/89
Kilpala 3	1169	1	25	May 18/89
Kilpala 4	1170	1	25	May 18/89
Kilpala 5	1171	1	25	may 18/89
Kilpala 6	1172	1	25	May 18/89

The Nimpkish Group consists of 32 units and covers a total of 800 hectares.

The claims cover a hill with a peak of 550 m at the north side of the Kilpala River. The claim area has been almost completely logged off with only two relatively small stands of trees left. The logging activity has, therefore, provided excellent coverage in the form of new roads and uncovered new outcrops.

HISTORY

Prospecting by E. Specogna along logging roads in early 1982 led to the discovery of a sphalerite-chalcopyrite-pyrite-quartz vein system in a shear zone within Karmutsen massive and amygdaloidal basalts. Further prospecting in the general area outlined a number of other pyrite-chalcopyrite-quartz veinlets in a nearby Island granitic intrusion. Specogna staked the area in early May and optioned the property to Falconbridge Ltd. in January 1983.

Rock samples submitted from mineralized quartz veins in 1982 ran .27% Mo, .14% Cu, 15.4 g/t Au and 65.2 g/t Ag, .83% Cu, 11.5% Zn, 31.0 g/t Au and 48 g/t Ag.

With the possibility of optioning part of Falconbridge's interest in the property Chevron Canada Resources Limited completed a property examination in April 1983 to determine the extent and nature of the mineralization. A program consisting of geological mappping and prospecting and soil sampling (300 samples) was conducted along all logging roads and on some traverses between roads. One north-south VLF-EM traverse as completed in the area of the showing. No variation was obtained in the area of the showing. They located a couple of small Au, Cu-Mo and Zn anomalies. They concluded that the mineralization is associated with quartz veins withing shear zones that cut the Karmutsen massive basalt. These shear zones contain local high grade lenses. The high grades within the shear zones may be one or more lenticular bodies of pyrite and chalcopyrite that have been caught up in the shear. The Karmutsen is known for its local high grade pods of mineralization and Chevron thought that no more work was warranted.

Additional samples of mineralized quartz veins in June 1983 gave 39.1 g/t Au and 52 g/t Ag.

Geochemical and geophysical programs were carried out on the property in 1983. A total of 693 soil samples were collected, the results outlined several Au and Ag anomalies, a high Cu-Mo anomaly and an extensive Zn anomaly.

A VLF-EM survey in the central part of the property covering the main showing outlined a strong conductor with a northeast strike, under the main showing.

OBJECTIVE OF CURRENT PROGRAM

Last years program had several Au and Ag anomalies. Most of the Au anomalies were single high values and a detailed soil sampling around these anomalies was intended to outline the direction and extent of the anomalies. These anomalies would then be trenched in a follow-up program.

A three hole diamond drill program was done to determine the extent of the mineralized zone and determine the type of conductor outlined by the VLF-EM survey.

GEOLOGY

The rocks that underlie the claim block fall into two units: (Figure 3) (1) Karmutsen Formation - massive, amygdaloidal and porphyritic basalt flows. (2) Island Intrusion - quartz monzonite to granodiorite intrusive plug.

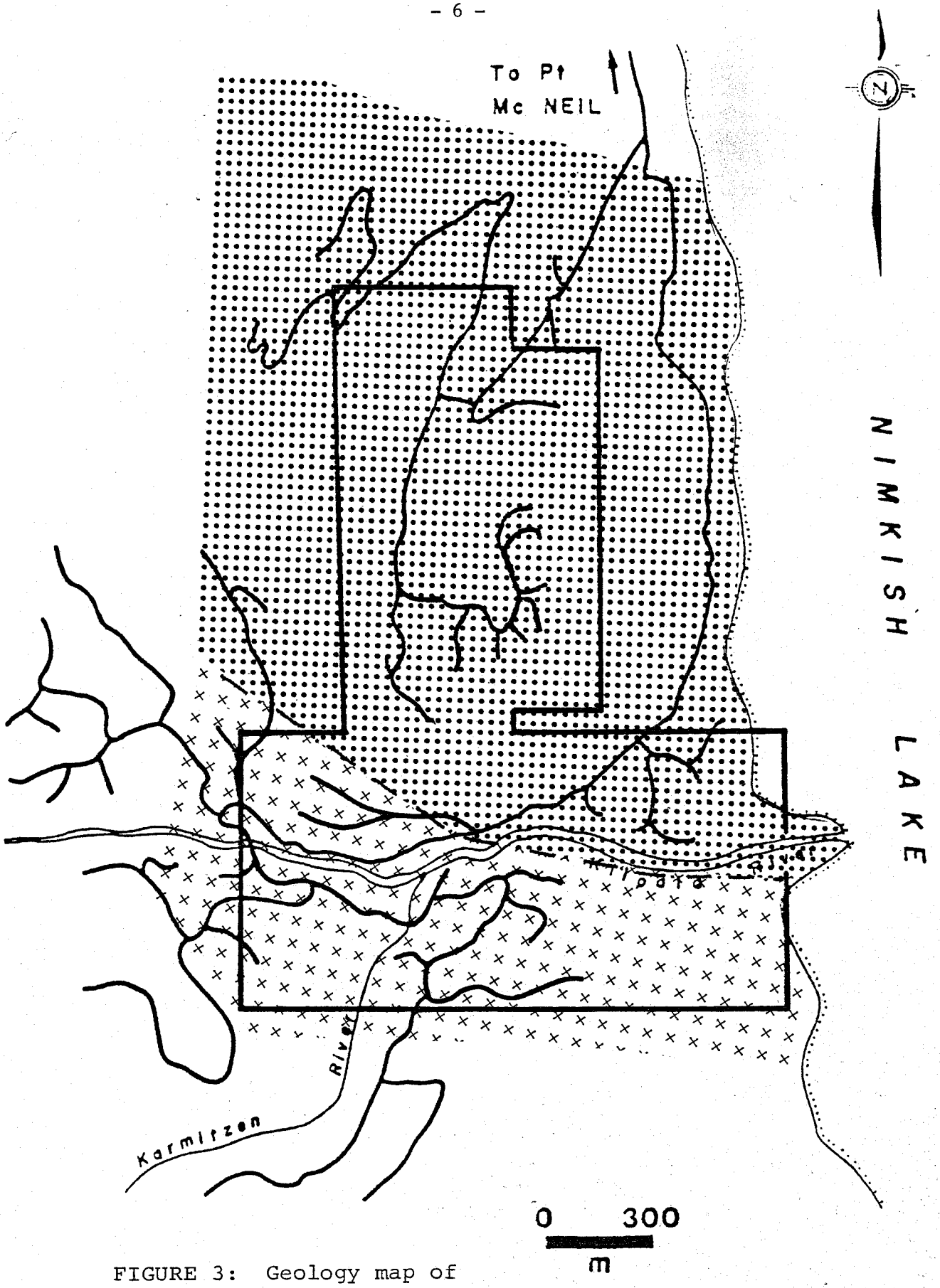


FIGURE 3: Geology map of Nimpkish Group after G. Walton.

Karmutsen Formation

The Karmutsen Formation is prevalent in the area. On Vancouver Island it is composed of 10,000 feet of monotonous massive, amygdaloidal and pillowed basalt flows. Only the massive and amygdaloidal flows were found on the claim block.

Throughout the claim block the flows appear fresh, green to dark green in colour, fine grained with occasional phenocrysts of feldspar and amygdules filled with quartz and epidote. Epidote veins, lenses and fragments up to 15 cm are found in parts.

Pyrite occurs as fine disseminations in some of the flows and is occasionally associated with some of the epidote-quartz veins.

In several outcrops volcanic layering can be determined because of the presence of flow-top breccias with a more massive, porphyritic base to the flows. The flows vary from .6 m to greater than 3.0 m thick where recognizable. In all locations where layering is visible a very shallow dip is indicated to the west.

The majority of the alteration occurs along the shear zone which follows the regional structural trends (northerly and northwesterly). The alteration is in the form of chlorite, sericite and quartz and calcite veining which leaves the rock very soft and crumbly.

Island Intrusion

This intrusion is a quartz monzonite stock that intrudes the Karmutsen basalts. No actual contacts have been seen between the stock and the basalt. However, one quartz monzonite dyke was seen cutting the basalts.

The quartz monzonite is a medium grained, equigranular granitic rock with potassium feldspar, plagioclase, quartz and hornblende. The rocks display no alteration except for one locality where potassium feldspar veins were noticed.

MINERALIZATION

The mineralization is primarily associated with quartz veins which vary in width from one centimeter to eight centimeters in quartz boundins. The veins are comprised of quartz, sphalerite, chalcopyrite, pyrite and/or molybdenite. The best mineralization occurs in quartz veins within an anastomosing shear zone that is 18 meters in width, (the main showing on figure 2 and 4.

The central six meters of the shear zone has quartz veins while the outer edges of the shear zone have calcite veins with no mineralization. High grade samples have produced values such as 11.5% Zn, .83% Cu, 39.1 g/t Au and 65.2 g/t Ag. A second shear zone with quartz-chalcopyrite-pyrite mineralization was located in Karmutsen basalts. Analysis of samples from this zone gave little encouragment but showed that mineralization occurs along shear zones in two directions, one northerly, the other northwesterly.

In addition to this quartz vein associated mineralization two pods of massive pyrite and chalcopyrite were found. The pods are small lenticular bodies (30 cm wide 1.5 metres long). High grade samples of these bodies ran up to 2% Cu, however the dimensions are very small. The host rocks are totally unaltered, massive basalts.

GEOCHEMICAL SURVEY

Detail sampling of 7 isolated and 2 multiple Au anomalies throughout the property and 1 multiple Ag anomaly in the northwestern corner of the property located during the 1983 program. A total of 190 soil samples were collected from the B horizon at usually 10-20 cm depth. If B horizon was missing no sample was collected. The samples were put in Kraft sample bags and sent to CDN Resource Lab. Ltd., #8-7550 River Road, Delta, B.C. V4G 1CB. The samples were analysed for Ag by AA, a .5 g sample is digested with 5 ml of 20% HNo3 at 90 deg. C for 1.5 hours and then an additional 5 ml of 20% HNo3 is added before analysed by AA. Au analyses were done by a compilation of F.A. and A.A., a 15 g sample done by F.A. (3 Ag was added so Ag analyses can not be done), the Ag bead is dissolved by .5 ml HNo3 (dissolves Ag) and 1.5 ml HCl is added to dissolve Au and diluted by 3 ml H20 and analysed by AA.

On the isolated Au anomalies a detailed grid with 25 m lines and 25 m stations was done in a 100 m by 100 m area centered over the anomaly, for a total of 22 samples. On multiple Au anomalies 50 m lines with 25 m stations were done over the anomaly. In the area of the Ag anomaly previous sampling was done on 200 m lines and 100 m stations, and it was now supposed to be done on 100 m lines and 50 m stations extending 600 m west of the previous grid. Only 1 line was done before the program had to be postponed due to extreme weather conditions.

No anomalous samples were found for either Au or Ag. The samples returned a high of 30 ppb Au and .8 ppm Ag.

Due to these low values it was decided to re-analyse the pulps of the 1983 anomalous samples. The pulp was split and sent to two different laboratories, CDN Resource Lab. Ltd., Delta, B.C. and ACME Analytical Lab. Ltd., 852 E. Hastings, Vancouver, B.C. Both laboratories analysed the pulp by AA, CDN Resource Lab. by the previously described method while ACME Analytical Lab. took a .500 gm sample and digested it with 3 ml of 3:1:3 HCl to HNo3 to H20 at 90 deg. C for one hour. The sample is then diluted to 10 mls with water and anlysed for Ag by AA. For Au a 5 gm sample was ignited with a hot aqua regia extraction and analysed by AA.

No anomalous Ag values were reproduced from either of the laboratories and only a couple of the Au values were reproduced. Due to these negative results, the remaining sampling of the Ag anomaly was abandoned and no trenching of these anomalies is recommended.

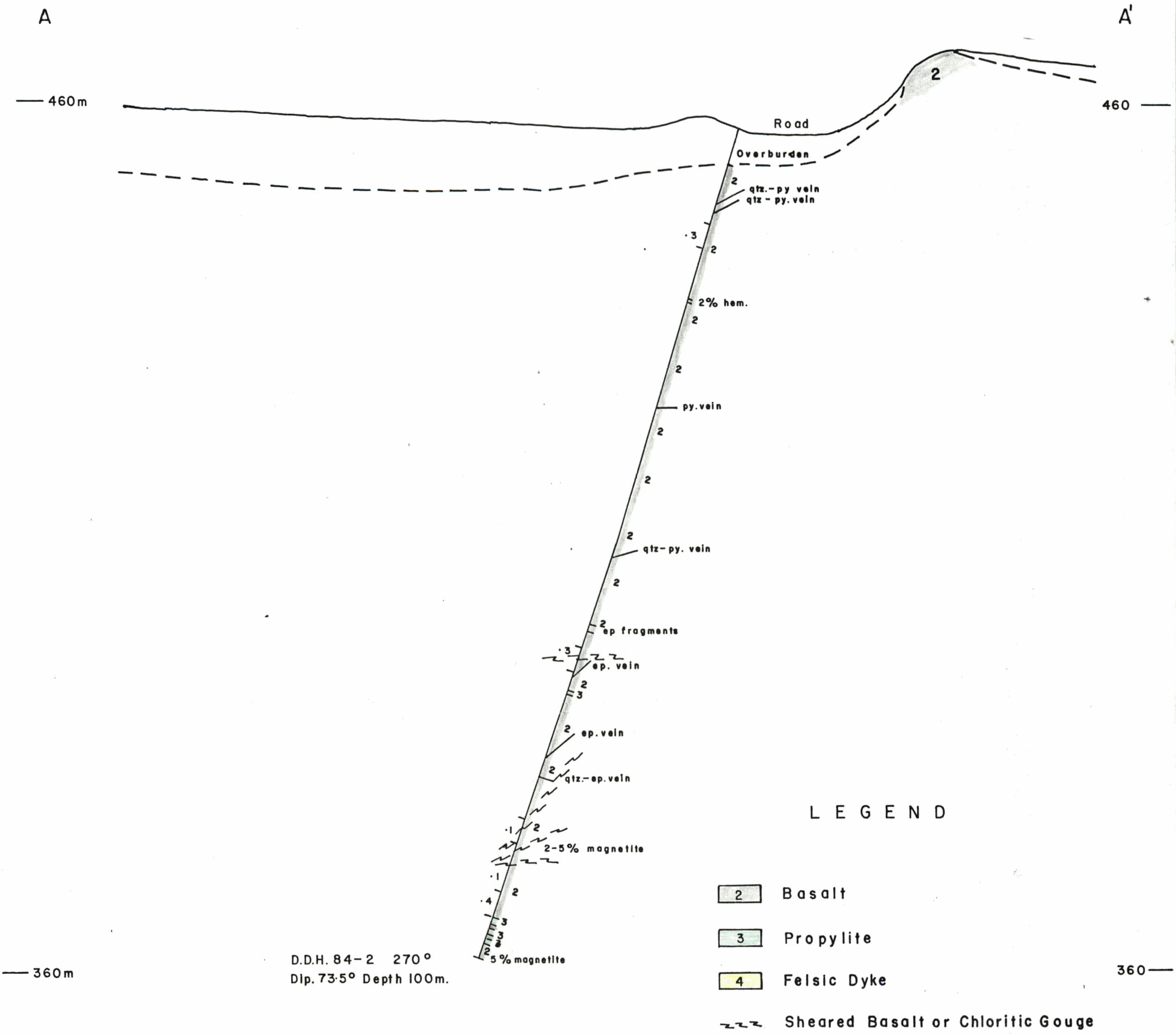
DIAMOND DRILLING

A three hole (366.4 m) diamond drill program was carried out to test the VLF-EM anomaly under the main showing. The maximum VLF-EM values calculated from Fraser Filter were estimated to be at about 100 m below the surface. The anomaly seems to be dipping weakly to the east, and the pyrite-sphalerite vein with the high Au values in the main showing also dips gently to the east so all the holes were collared to the east of the anomaly with a steep western dip to intersect the anomaly, at its maximum, at about 100 m below surface. (Fig. 4).

All three holes (Fig. 5, 6 & 7) intersected Karmutsen volcanics. A fine grained to porphyritic basalt with locally up to 10% anhedral quartz and/or hornblende phenocrysts. Short propylite intersections were found throughout, they are believed to be propylite fragments in the basalt similar to those found on the surface. Minor to moderate disseminated epidote is present throughout the basalt. Disseminated pyrite and locally magnetite and hematite (hematite up to 25%) are present.

Hole 84-1 intersected 3 felsic dykes of .1 m, .2 m and .5 m. The felsic dykes are medium grained, light grey equigranular, with minor disseminated epidote and/or chlorite. Fine disseminated magnetite and isolated pyrite lenses 1-3 mm.

Two mineralized quartz veins were intersected in hole 84-1 at about 70 m, these were a 1 cm quartz-pyrite vein with minor molybdenite and a 4 cm quartz vein with minor pyrite and sphalerite.



FALCONBRIDGE LIMITED

PROPERTY: Nimpkish Group

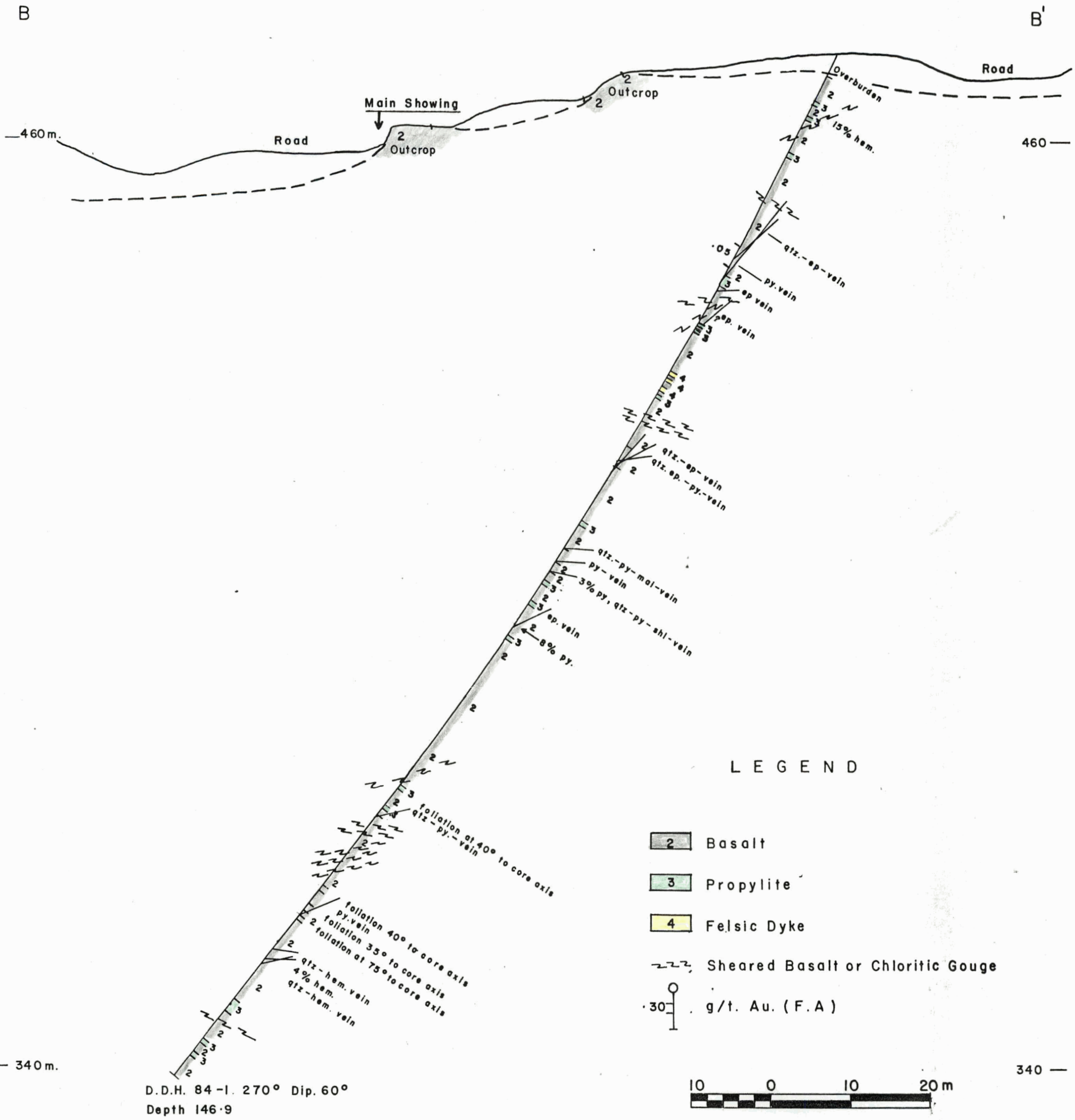
LOCATION: Vancouver Island B. C.

TYPE OF MAP: D.D.H. Section A – A' Looking North

BASED ON: Feildwork by T. B.

DATE OF WORK: April 1984

N.T.S. 92-L-6 FIG. NO.: 086-84-5



FALCONBRIDGE LIMITED

PROPERTY: Nimpkish Group

LOCATION: Vancouver Island B.C.

TYPE OF MAP: D.D.H. Section B-B' Looking North

BASED ON: Feildwork by T. B.

DATE OF WORK: April 1984

N.T.S. 92-L-6 FIG. NO.: 086-84 6

C

C'

460m.

460

Road

Road

Overburden

2

·4 3

2

·2 2

·15 3

·1 3

·15 2 ep. vein

·2 2 ep. vein

·2 qtz-ep. vein

2 ep. vein

·05 ep. vein

·1 2 <1% hem

3 up to 25% hem.

3

3 <1% hem.

3 15% hem.

1% hem.

·6 2 qtz-py. vein
qtz-vein breccia

·1

·1 3 qtz-py. vein

2 25% hem.

qtz-ep. vein

10% hem

qtz-ep. vein

2 tr. hem.

·05 qtz-py. vein

·1 2 5% hem.

2

foliation at 15° to core axis

·1 2

2-3% py

2

360 m.

360

D.D.H. 84-3 270°
Dip. 65° Depth 119·5m.

LEGEND

2 Basalt

3 Propylite

4 Felsic Dyke

Sheared Basalt or Chloritic Gouge

·30 g/t. Au. (F.A.)

10 0 10 20 m

SCALE: 1:500

FALCONBRIDGE LIMITED

PROPERTY: Nimpkish Group

LOCATION: Vancouver Island B.C.

TYPE OF MAP: D.D.H. Section C-C' Looking North

BASED ON: Feildwork by T. B.

DATE OF WORK: April 1984

N.T.S. 92-L-6 FIG. NO.: 086-84-7

The core was logged and split on site. Three metre samples were collected throughout the core, no part of the core justified a more detailed sampling. The core samples were analysed by CDN Resource Lab. Ltd. #8-7550 River Road, Delta, B.C. V4G 1C8. Au and Ag were analysed by standard F.A., while Cu, Pb, Zn and Mo were done by a massive digestion. The samples were mixed with 2 ml $HClO_4$, 10 ml HNO_3 and 10 ml HCl, on a hot plate it was digested to fumes and taken up in 10 ml HCl and an Al solution was added and diluted to 100 ml and analysed by standard A.A. The samples returned background values for Ag, Cu, Pb, Zn and Mo. A couple of samples had Au > .05 g/t with a high of .6 g/t from basalt.

CONCLUSION AND RECOMMENDATION

Poor recovery and blocky ground towards the bottom of each of the 3 diamond drill holes indicate that the VLF-EM anomaly is a major water filled fault and not a mineralized zone. The core did not intersect any mineralized veins similar to the 15 cm massive pyrite-sphalerite vein found at the main showing and the main showing is therefore concluded to be a massive sulphide lense of minor extent.

No further work is justified on the Nimpkish group and it is recommended that it be returned to Efrem Specogna. The property is now in good standing to May 1989, which is in excess of assessment work needed for returning the property to the Vendor according to the Agreement. No assessment work will be filed from this program.

STATEMENT OF COSTS

A: Geochemical soil sampling	
Room & board 2 men for 8 days @ $35.00	$ 280.00
Project geologist Feb. 12/84-Feb. 19/84 8 days @ $140.00	1,120.00
Assistant Feb. 12/84-Feb. 19/84 8 days @ $75.00	600.00
Travel Vancouver-Nimpkish return	87.00
Truck rental 8 days @ $30.00	240.00
Compilation	
Project geologist 7 days @ $140.00	980.00
B: Diamond Drilling	
Room & board 6 men 11 days - Port McNeil	2,167.98
Project geologist April 4/84-April 14/84 11 days @ $140.00	1,540.00
Core splitter April 4/84-April 14/84 11 days @ $75.00	825.00
Diamond drilling 336.4 m	26,715.81
Travel Vancouver-Nimpkish, 2 men	61.45
Compilation and report	
Project geologist 10 days @ $140.00	1.400.00
Drafting and preparation 2 days @ $75.00	150.00
C: Assaying	
190 Soil samples	1,282.50
40 Pulps (CDN)	243.00
40 Pulps (ACME)	240.00
116 Core samples	3,207.40
	$41,140.14

REFERENCES

Bruland, T. (1983) Report on Geochemical and VLF-EM Survey on Nimpkish Group (unpublished report).

Fraser, D. C. (1969) Countouring of VLF-EM data, Geophysics Vol. XXIV, No. 6.

Fraser, D. C. (1981) A review of some useful algorithms in geophysics, CIMM, Vol. 74, No. 828.

Walton, G. (1983) Geological and geochemical program Marino, Kilpala 1-6 and Fido A-H mineral claims Nimpkish Lake, B.C. (unpublished report).

STATEMENT OF QUALIFICATION

FOR

TOR BRULAND

Mr. Tor Bruland graduated from the University of Bergen, Norway in 1977 with a Cand. Mag. (B. Sc.) and in 1980 with a Cand. Real (M. Sc.), and has work as an exploration geologist in B.C. and the Yukon since 1980. He is a member of the Geological Association of Canada.

Yours truly,

Tor Bruland

APPENDICES

APPENDIX A

GEOCHEMICAL SOIL SAMPLE RESULTS

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL (604) 946-4448

ASSAY REPORT

TO: Falconbridge Limited
6415 - 64 Street
Delta, B.C.

FILE NO.: 84-30

DATE: March 2, 1984

ATTENTION: Mr. J. Gammon

PROJECT:

Sample Description		Au (ppb)	Ag (ppm)	Geochemical analyses
NB L94 + 50N				
	101 + 00E	5	L	
	25E	5	L	
	50E	L	.1	
	75E	L	L	
NB L94 + 50N				
	102 + 00E	L	L	
NR	119 + 00E	L	.2	
NR	25E	L	.1	
NR	75E	L	.1	
NR	75E	L	L	
NR	120 + 00E	L	L	
NR L94 + 75N				
	119 + 00E	10	.8	
	25E	L	.1	
	50E	5	.1	
	75E	L	.1	
	120 + 00E	5	L	
NB L95 + 00N				
	101 + 25E	L	L	
	75E	L	.1	
NR	119 + 25E	L	L	
NB	75E	L	.1	
NR L95 + 25N				
	119 + 00E	5	.1	
	25E	5	.1	
	50E	L	L	
	75E	5	L	
NB	120 + 00E	L	L	
NB L95 + 50N				
	101 + 00E	L	.1	
	25E	L	L	
	50E	5	.1	
	75E	5	L	
	102 + 00E	5	L	
	25E	L	L	
	50E	5	.1	
	75E	5	L	
	103 + 00E	5	L	
	25E	5	L	

Rejects retained one month, pulps one year, unless specific arrangements made.

Certified Assayer of British Columbia

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

ASSAY REPORT

TO: Falconbridge Limited
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Sample Description		Au (ppb)	Ag (ppm)	Geochemical analyses
NB L95 + 50N				
	103 + 50E	L	L	
	75E	5	.1	
	104 + 00E	L	L	
NR	119 + 00E	5	L	
NR	25E	5	.2	
NR	50E	L	.1	
NR	75E	5	L	
NR	120 + 00E	L	L	
NB L96 + 00N				
	102 + 25E	L	.1	
	75E	10	.1	
	103 + 25E	5	.1	
	75E	15	.1	
NB L96 + 50N				
	103 + 25E	L	.1	
	75E	5	L	
	104 + 00E	L	L	
	117 + 00E	5	.3	
	25E	L	.1	
	50E	10	.1	
	75E	10	.1	
NB L96 + 75N				
	117 + 00E	L	.1	
	25E	L	.2	
	50E	L	.1	
	75E	L	.1	
NB L97 + 00N				
	117 + 25E	L	.1	
NB L97 + 25N				
	117 + 00E	5	.2	
	25E	L	.1	
	50E	L	L	
	75E	5	.1	
	118 + 00E	5	.1	
NB L97 + 50N				
	117 + 00E	L	.1	
	25E	5	.1	
	50E	L	L	
	75E	5	L	

Rejects retained one month, pulps one year, unless specific arrangements made.

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TO: Falconbridge Limited
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FILE NO.: 84-30
DATE: March 2, 1984
PROJECT:

ATTENTION: Mr. J. Gammon

Sample Description	Au (ppb)	Ag (ppm)	Geochemical analyses
NB L97 + 50N			
118 + 00E	L	L	
NB L100 + 50N			
102 + 50E	5	.1	
75E	20	.1	
103 + 00E	L	.1	
25E	L	L	
NB L110+50 110 + 50E	10	.1	
NB L100 + 75N			
102 + 25E	5	L	
50E	5	.1	
75E	15	L	
103 + 00E	5	.1	
25E	10	.1	
NB L101 + 00N			
102 + 25E	5	.1	
50E	10	.2	
103 + 00E	L	L	
25E	L	.1	
NB L101 + 25N			
102 + 25E	L	L	
50E	L	.1	
75E	L	L	
103 + 00E	L	L	
25E	L	L	
NB L101 + 50N			
102 + 25E	L	L	
50E	L	.1	
75E	L	L	
103 + 00E	L	L	
25E	L	L	
105 + 00E	L	L	
25E	L	L	
50E	L	.1	
75E	L	.1	
106 + 00E	L	.1	
NB L101 + 75N			
105 + 00E	L	L	
25E	L	.1	
50E	30	L	

Rejects retained one month, pulps one year, unless specific arrangements made.

CDN RESOURCE LABORATORIES LTD.
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PROJECT:

Sample Description	Au (ppb)	Ag (ppm)	Geochemical Analyses
NB L101 + 75N			
105 + 75E	L	L	
106 + 00E	L	L	
NB L102 + 00N			
105 + 25E	5	L	
75E	L	.1	
NB L102 + 25N			
105 + 00E	L	L	
25E	L	L	
50E	L	L	
75E	L	L	
106 + 00E	L	L	
NB L102 + 50N			
105 + 00E	L	L	
25E	L	L	
50E	10	L	
75E	L	L	
106 + 00E	L	L	
NR L109 + 00N			
104 + 25E	L	L	
NR L109 + 50N			
103 + 00E	5	.1	
25E	L	L	
NR L110 + 00N			
103 + 25E	L	L	
104 + 25E	L	.1	
NB L110 + 25N			
110 + 75E	L	.1	
NR L110 + 50N			
103 + 50E	L	L	
104 + 00E	15	L	
NB L110 + 50N			
110 + 25E	10	L	
75E	L	L	
111 + 00E	L	L	
NB L110 + 75N			
110 + 00E	L	L	
25E	L	L	
50E	L	L	
111 + 00E	5	L	

Rejects retained one month, pulps one year, unless specific arrangements made.

Certified Assayer of British Columbia

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL (604) 946-4448

ASSAY REPORT

TO: Falconbridge Limited
6415 - 64 Street
Delta, B.C.

FILE NO.: 84-30
DATE: March 2, 1984
PROJECT:

ATTENTION: Mr. J. Gammon

Sample Description	Au (ppb)	Ag (ppm)	Geochemical analyses
NB L111 + 00N			
110 + 25E	15	L	
75E	10	L	
NB L111 + 25N			
110 + 00E	5	L	
50E	5	L	
75E	10	L	
111 + 00E	5	L	
NB L111 + 50N			
110 + 00E	L	L	
25E	L	L	
50E	5	L	
75E	5	L	
111 + 00E	5	L	
NB L117 + 50N			
106 + 75E	L	L	
107 + 00E	L	L	
25E	L	L	
50E	L	L	
NB L117 + 75N			
107 + 00E	L	L	
50E	L	L	
NB L118 + 00N			
106 + 50E	5	L	
107 + ~~25E~~ 50E	L	L	
NB L118 + 25N			
107 + 00E	5	L	
50E	5	L	
NB L11~~8~~ + ~~75N~~			
110 + 00E	L	.1	
NB L119 + 50N			
109 + 50E	5	L	
75E	L	.1	
110 + 00E	5	L	
25E	L	L	
50E	L	L	
NB L119 + 75N			
109 + 50E	L	L	
75E	L	L	
110 + 25E	L	L	

Rejects retained one month,
pulps one year, unless
specific arrangements made.

Certified Assayer of British Columbia

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

ASSAY REPORT

TO: Falconbridge Limited
6415 - 64 Street
Delta, B.C.

FILE NO.: 84-30
DATE: March 2, 1984
PROJECT:

ATTENTION: Mr. J. Gammon

Sample Description	Au (ppb)	Ag (ppm)	Geochemical Analyses
NB L119 + 75N			
110 + 50E	L	L	
NR L124 + 00N			
98 + 00E	5	L	
NB L120 + 00N			
109 + 50E	L	L	
75E	L	L	
110 + 25E	30	L	
50E	L	L	
NB L120 + 25N			
110 + 00E	L	L	
25E	L	L	
25E	5	L	
NB L120 + 50N			
109 + 50E	5	L	
75E	5	L	
110 + 00E	L	L	
25E	5	L	
NR L123 + 00N			
100 + 00E	5	L	
50E	15	L	
101 + 50E	10	L	
102 + 00E	25	L	
50E	5	L	
103 + 00E	10	L	
00E	L	L	
50E	5	L	
104 + 00E	5	L	
50E	L	L	
105 + 00E	L	L	
50E	5	L	
106 + 00E	30	L	
NR L124 + 00N			
97 + 00E	5	L	
50E	5	L	
98 + 50E	5	L	
99 + 00E	5	L	
50E	5	L	

L indicates less than 5 ppb Au
and less than .1 ppm Ag

Rejects retained one month,
pulps one year, unless
specific arrangements made.

Certified Assayer of British Columbia

APPENDIX B

RERUN OF ANOMALOUS PULP

CDN RESOURCE LABORATORIES LTD.
#8 7550 RIVER ROAD DELTA B.C. V4G 1C8 / TEL (604) 946-4448

ASSAY REPORT

TO:
Falconbridge Ltd.
6415 - 64 St.
Delta, B.C.

FILE NO.: 84-40
DATE: March 9, 1984
PROJECT:

ATTENTION: Mr. J. Gammon

Sample Description		Au (ppb)	Ag (ppm)	Geochemical analyses
94	94 + 50E	30	L	
94	95E	10	L	
94	95 + 50E	10	L	
95	101 + 50E	20	L	
95	119 + 50E	30	L	
96	103E	10	L	
97	117 + 50E	10	L	
100	110 + 50E	90	L	
101	102 + 75E	10	L	
101	109 + 50E	50	L	
102	105 + 50E	80	L	
102	109 + 50E	10	L	
106	111E	40	L	
107	108 + 50E	30	L	
108	112E	10	L	
109	104 + 50E	L	.4	
110	103 + 50E	10	L	
110	112E	10	L	
111	105E	40	L	
111	106E	10	.1	
111	110 + 50E	10	L	
111	111 + 50E	L	L	
114	105E	40 *	L	
118	107E	L	L	
120	100E	L	L	
120	101E	L	L	
120	102E	50	L	
120	103E	L	L	
120	104E	L	L	
120	110E	L	L	
122	100E	20	L	
122	101E	L	L	
122	102E	L	L	
122	104E	L	L	
122	105E	L	L	
124	100E	L	L	
124	101E	L	L	
124	102E	L	L	
124	104E	L	L	
124	105E	L	L	

L indicates less than 10 ppb Au
L indicates less than .1 ppm Ag
* 1g sample only. Result could be ±40ppb

Rejects retained one month, pulps one year, unless specific arrangements made.

Certified Assayer of British Columbia

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH:253-3158 TELEX:04-53124

DATE RECEIVED MAR 8 1984

DATE REPORTS MAILED Mar 12/84

GEOCHEMICAL ASSAY CERTIFICATE

A .500 GM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : AG.
SAMPLE TYPE : PULP
AU* - 10 GM, IGNITED, HOT AQUA REGIA LEACH MIBK EXTRACTION, AA ANALYSIS. — Au with only 5gms

ASSAYER _____ DEAN TOYE, CERTIFIED B.C. ASSAYER

FALCONBRIDGE FILE # 84-0312 PAGE# 1

SAMPLE		AG PPM	AU* PPB
L 124	100+00E	.3	5
	101+00E	.2	5
	102+00E	.3	5
	104+00E	.3	10
	105+00E	.1	5
L 122	100+00E	.5	5
L 122	101+00E	.4	25
	102+00E	.3	5
	104+00E	.3	20
	105+00E	.4	5
L120	100+00E	.2	5
	101+00E	.5	5
	102+00E	.4	5
	103+00E	.4	15
	104+00E	.3	5
L 102	105+50E	.2	10
	109+50E	.3	5
L 101	102+75E	.5	5
L 94	94+50E	.4	5
	95+00E	.3	5
L 94	95+50E	.1	5
L 96	103+00E	.1	5
L 95	101+50E	.2	5
L 97	117+50E	.3	30
L 95	119+50E	.2	5
L 120	110+00E	.3	10
L 118	107+00E	.1	55
L 111	111+50E	.1	5
	110+50E	.1	5
L 110	103+50E	.1	5
L 109	104+50E	.3	20
L 100	110+50E	.2	140
L 106	111+00E	.3	60
L 114	105+00E	.1	60
L 111	106+00E	.6	25
L 111	105+00E	.2	130
L 110	112+00E	.3	5

SAMPLE		AG PPM	AU* PPB
L 108	112+00E	.1	5
L 107	108+50E	.1	5
L 101	109+50E	.3	30

APPENDIX C

DRILL LOGS

NIMPKISH 1984 DRILL HOLE 1.

	Inclination	Bearing					
Collar	-60.0	090	Property:Nimpkish	Length: 146.9m	Hole: 84-1	Minerals:0=not present	Ore Minnerals:0=0
146.9m	-53.0	090	Location:West of Nimpkish Lake	Bearing: 090	Logged by: T.Bruland	1=traces	1=0-1%
			Elevation: 469.4m	Begun: April 10/84 Noon	Sampled by:R.E.Gardener	2=minor	2=1-5%
			Coordinates:5590350N,640330E	Completed:April 13/84 2.00 am	Drilled by:D.J.Drilling	3=moderate	3=5-10%
				Core size: B.Q.. Recovery: 83.9%		4=intense	4=>10%

Meters From	Meters To	DESCRIPTION	Sample No.	Meters From	Meters To	Recovery %	RQD %	Interval(M)	Au gmt	Ag gmt	Cu %	Pb %	Zn %	Mo %	Minerals Ep.	Minerals Cal.	Minerals Chl.	Ore Minerals Py.	Ore Minerals Hem.	Ore Minerals Mgt.
0.0	3.0	OVERBURDEN																		
3.0	146.9	BASALT																		
		Fine grained grey equigranular with minor to locally intense epidote. Isolated anhedral quartz phenocrysts 3-8 mm. Irregular distribution of dark green gypsum/anhydrite in groundmass 0-15%. Locally up to 5% anhedral dark green gypsum/ anhydrite phonocrysts 2-6 mm. Isolated epidote lenses subrounded 2-50mm and epidote as rims around isolated quartz phenocrysts. Isolated anhedral light red alkali feldspar 3-10 mm. Quartz and quartz-epidote veins 1-10mm at 30 dg. to -80 dg. to core axis and irregular quartz stringers .5-1.0 mm. Chlorite along fractures and local faults. Minor to moderate disseminated chlorite. Fine disseminated pyrite, irregular distribution of fine disseminated magnetite and hematite. Isolated pyrite veins .5-2 mm. Disseminated hematite in isolated quartz phenocrysts and veins																	
		5.1m 1cm quartz-epidote vein at 80 dg. to core axis. Offset by fault along quartz vein, displacement 8mm quartz vein, displacement 8mm	14275	3.0	6.0	61.4	15.2	3.0	<.05	<.5	0.02	0.01	0.07	<.001	1	0	1	1	0	2
		6.6-6.8m PROPYLITE fine grained light green porphyritic with anhedral quartz and epidote phenocrysts 3-10mm. Intense epidote. Fine disseminated pyrite 1% and hematite 2%. Contact at 6.6m at 40dg to core axis.	14276	6.0	9.0	86.1	48.6	3.0	<.05	<.5	0.01	<.01	0.07	<.001	2	0	1	1	1	1
		6.9-7.4m 15% disseminated hematite. 7.4 20cm with 5% gypsum/anhdrite phenocrysts up to 6mm.																		
		8.2-8.5m PROPYLITE fine grained light green porphyritic with anhedral quartz and epidote phenocrysts 3-10mm. Intense epidote. Fine disseminated pyrite.																		
		12.0m 2cm shear zone at 30dg to core axis.	14277	9.0	12.0	98.7	48.9	3.0	<.05	<.5	0.02	0.01	0.07	<.001	2	0	1	1	0	1
		14.0-14.5m PROPYLITE fine grained light green porphyritic with anhedral quartz and gypsum/anhydrite phenocrysts 4-15mm, 15%, intense epidote. Fine disseminated pyrite.	14278	12.0	15.0	90.8	56.3	3.0	<.05	<.5	0.01	0.01	0.08	<.001	3	0	1	1	0	1
		16.6m 1cm quartz vein at 40dg to core axis.	14279	15.0	18.0	96.4	64.7	3.0	<.05	<.5	0.01	0.01	0.07	<.001	2	0	1	1	0	1
		18.2-20.3m 15% gypsum/anhydrite in groundmass and as phenocrysts up to 3mm.	14280	18.0	21.0	99.0	61.1	3.0	<.05	<.5	<.01	<.01	0.08	<.001	1	0	1	1	1	1
		20.3m 10cm shear zone with broken core.																		
		22.8m 1.5cm light red alkali feldspar phenocrysts, anhedral, with 2mm epidote along contact.	14281	21.0	24.0	91.0	28.4	3.0	<.05	<.5	0.01	<.01	0.07	<.001	2	0	2	1	0	2
		24.8m 1cm quartz-alkali fedlspar vein at 30dg to core axis.	14282	24.0	27.0	78.3	31.5	3.0	<.05	<.5	0.01	<.01	0.08	<.001	1	0	1	1	0	2
		28.8m 1cm quartz-epidote vein at 20dg to core axis with chlorite along contacts.	14283	27.0	30.0	89.7	42.1	3.0	.05	<.5	<.01	<.01	0.08	<.001	1	0	2	1	0	2
		29.6m 5mm light red alkali feldspar vein at 20dg to core axis.																		
		30.6-32.1m PROPYLITE fine grained light green porphyritic with anhedral quartz phenocrysts 3-15mm 2-15%. Intense epidote. Fine disseminated pyrite and isolated pyrite veins.	14284	30.0	33.0	98.6	36.0	3.0	<.05	<.5	0.01	<.01	0.08	.001	2	1	2	1	1	1
		31.0m 1mm pyrite vein at 10dg to core axis.																		
		32.9m 2cm epidote vein at 60dg to core axis, fine grained light green porphyritic with anhedral quartz phenocrysts 2-4mm.																		
		33.5m 20cm moderate epidote.	14285	33.0	36.0	100.0	72.9	3.0	<.05	<.5	0.01	0.01	0.08	.001	2	0	2	1	0	2
		34.0m 5cm shear zone at 60dg to core axis.																		
		34.5m 3cm quartz vein at 30dg to core axis, minor disseminated chlorite and angular basalt xenoliths 5-10mm.																		
		37.0m 5mm shear zone at 20dg to core axis with chlorite and pyrite.	14286	36.0	39.0	99.3	58.4	3.0	<.05	<.5	0.01	0.01	0.08	.001	2	0	1	1	0	2
		37.2-37.3m PROPYLITE fine grained light green equigranular. Intense epidote, fine disseminated pyrite.																		
		37.6-37.8m PROPYLITE fine grained light green equigranular. Intense epidote, fine disseminated pyrite. Contact at 37.6m at 45dg to core axis.																		
		37.8m Red alkali feldspar phenocrysts 5mm and 5mm quartz vein at 30dg to core axis.																		
		38.8m 2cm epidote vein at 20dg to core axis, fine grained light green equigranular.																		
		39.2m 30cm moderate epidote.	14287	39.0	42.0	94.4	57.0	3.0	<.05	<.5	0.02	<.01	0.08	<.001	2	1	1	1	0	2
		41.5m 1cm quartz vein at 20dg to core axis.																		

44.4-44.7m FELSIC DYKE medium grained light grey equigranular minor disseminated chlorite and epidote. Fine disseminated magnetite, fine pyrite in lenses 1-3mm. Contact at 30dg to core axis.	14288	42.0	45.0	104.2	79.8	3.0	<.05	<.5	0.01	<.01	0.08	<.001	1	0	1	1	0	2
45.0-45.5m FELSIC DYKE medium grained light grey equigranular minor disseminated chlorite, fine disseminated magnetite. Contact at 60dg to core axis.	14289	45.0	48.0	92.0	64.5	3.0	<.05	<.5	0.03	0.01	0.08	<.001	1	1	2	1	1	2
45.6m 4cm shear zone/chloritic gouge.																		
46.5-46.6m FELSIC DYKE medium grained light grey equigranular, minor epidote and chlorite. Fine disseminated magnetite. Dyke only cut part of core.																		
47.4-47.6m PROPYLITE fine grained light green equigranular, intense epidote. Fine disseminated magnetite. Contact at 90dg to core axis.																		
	14290	48.0	51.0	61.9	22.3	3.0	<.05	<.5	<.01	0.01	0.08	<.001	0	0	3	1	0	2
51.0m 50cm shear zone/chlorite gouge at 80dg to core axis.	14291	51.0	54.0	55.1	4.6	3.0	<.05	<.5	0.01	0.01	0.09	.004	1	0	4	2	0	0
52.0m 10 cm shear zone/chloritic gouge at 70dg to core axis.																		
52.3-63.0m fine pyrite in lenses 1-3mm and veins 5-3mm, 1-8%, isolated lenses up to 15mm.																		
52.7m 5cm shear zone/chlorite gouge																		
53.5-55.2 moderate epidote.																		
54.9m 1.5cm quartz-epidote-pyrite vein, 5% pyrite disseminated and in lenses.	14292	54.0	57.0	74.6	33.0	3.0	<.05	<.5	0.01	0.01	0.08	<.001	1	0	2	2	0	1
55.7m quartz vein 4mm and epidote vein 5mm at 60dg to core axis.																		
56.2m 5mm light red alkali feldspar phenocrysts.																		
56.8m 1cm quartz-epidote vein at 50dg to core axis.																		
57.2m 1cm quartz-epidote vein at 30dg to core axis.	14293	57.0	60.0	100.0	33.6	3.0	<.05	<.5	0.02	0.01	0.08	<.001	1	1	1	2	0	1
58.2m 8mm quartz-epidote vein at 10dg to core axis.																		
59.4m 1cm quartz vein at 50dg to core axis.																		
61.5m 5mm quartz-pyrite vein at 40dg to core axis.	14294	60.0	63.0	78.2	25.6	3.0	<.05	<.5	0.02	<.01	0.09	.001	1	0	1	3	0	2
	14295	63.0	66.0	85.3	29.5	3.0	<.05	<.5	0.02	<.01	0.08	<.001	1	0	2	1	1	2
66.0-75.0m fine pyrite in lenses 1-6mm and veins 1-3mm, 3%	14296	66.0	69.0	86.8	31.2	3.0	<.05	<.5	0.01	0.01	0.08	.004	2	0	1	2	1	0
66.2-67.8m hematite on fractures and local faults.																		
66.5-66.8m PROPYLITE fine grained light green equigranular, intense epidote. Fine pyrite disseminated and in lenses 2-8mm, fine disseminated magnetite.																		
68.2m 1cm quartz vein at 85dg to core axis.																		
69.0m 1cm quartz-pyrite-molbdenite vein at 60dg to core axis	14297	69.0	72.0	101.3	38.0	3.0	<.05	<.5	0.01	0.01	0.08	<.001	1	0	2	2	1	0
69.5m hematite on fractures and local faults.																		
71.15m 2cm pyrite vein with 2cm epidote halo at 60dg to core axis																		
71.2m 4cm quartz vein with pyrite and sphalerite at 85dg to core axis. Vein and mineralization is cut by 5mm epidote vein.																		
72.3m 5mm quartz-pyrite vein at 70dg to core axis.	14298	72.0	75.0	72.3	13.1	3.0	<.05	<.5	0.02	0.01	0.09	<.001	2	0	2	2	0	0
73.4-73.7m PROPYLITE fine grained light green equigranular, intense epidote.																		
76.2-76.5m PROPYLITE fine grained light green equigranular. Moderate to intense epidote. Isolated light red alkali feldspar, anhedral 2.5mm. Fine disseminated magnetite and pyrite.	14299	75.0	78.0	74.3	4.4	3.0	<.05	<.5	0.02	0.01	0.08	.001	2	0	2	1	1	0
76.5-79.3m Isolated light red alkali feldspar phenocrysts, anhedral 2-5mm and veins 2-4mm.																		
78.5-78.7m hematite on fractures and local faults.	14300	78.0	81.0	71.7	20.4	3.0	<.05	<.5	0.02	0.01	0.09	.001	2	0	2	2	1	1
79.3-79.95m fine pyrite disseminated in lenses 2-8mm and veins 1-3mm 8%.																		
80.1m 2cm epidote vein at 30dg to core axis with 3mm quartz along contacts.																		
81.1m locally 5% disseminated pyrite.	14301	81.0	84.0	79.9	27.4	3.0	<.05	<.5	0.01	0.01	0.08	.00	2	0	2	1	0	1
81.4-81.65 PROPYLITE fine grained light green equigranular. Intense epidote. Trace fine disseminated pyrite.																		
82.0-82.3m hematite on fractures and local faults.																		
85.3m trace disseminated hematite in 1mm and 8mm quartz veins at 30dg to core axis.	14302	84.0	87.0	95.7	39.5	3.0	<.05	<.5	0.01	<.01	0.08	<.001	1	0	1	1	1	1
85.8m 8mm quartz vein at 85dg to core axis with minor disseminated hematite.																		
88.0-89.4m anhedral quartz and light red alkali feldspar phenocrysts 2-8mm, 1-4%.	14303	87.0	90.0	96.3	63.7	3.0	<.05	<.5	0.01	<.01	0.08	<.001	1	0	1	1	0	2
90.0-111.0m Moderate quartz vein stockwork 1-10mm at 20dg-70dg to core axis.	14304	90.0	93.0	91.4	59.4	3.0	<.05	<.5	0.01	0.01	0.08	.001	1	0	2	1	1	2
90.5-115.0m disseminated hematite in isolated quartz veins.																		
	14305	93.0	96.0	36.7	0.0	3.0	<.05	<.5	0.01	<.01	0.08	<.001	1	0	2	1	1	2
	14306	96.0	99.0	74.4	26.2	3.0	<.05	<.5	0.01	0.01	0.08	<.001	1	0	2	1	1	2
	14307	99.0	102.0	94.7	40.7	3.0	<.05	<.5	0.02	<.01	0.08	<.001	1	0	1	1	0	2
103.8m)3cm shear zone/chloritic gouge at 30dg to core axis associated with 5mm quartz vein.	14308	102.0	105.0	97.1	56.9	3.0	<.05	<.5	0.01	0.01	0.08	<.001	1	1	2	1	1	2
104.5-104.6m PROPYLITE fine grained green equigranular. Intense epidote. Fine disseminated pyrite, contact at 50dg to core axis.																		
105.1-106.6m anhedral gypsum/anhydrite phenocrysts 3-15mm, 1-4%, dark green.	14309	105.0	108.0	91.9	56.1	3.0	<.05	<.5	<.01	0.01	0.08	<.001	1	1	1	1	1	2
106.9m 1cm quartz vein at 40dg to core axis with disseminated chlorite.																		
107.6-107.75m FELSIC DYKE fine grained light grey equigranular. Minor disseminated chlorite and minor epidote in subrounded lenses 2-15mm. Fine disseminated pyrite. Contacts at 70dg to core axis.																		
108.0-108.4m. Moderate sheared basalt, foliation at 30dg to core axis.	14310	108.0	111.0	94.2	30.5	3.0	<.05	<.5	0.01	0.01	0.08	<.001	1	1	2	1	1	2
108.8m 1.5cm quartz-pyrite vein at 40dg to core axis.																		
110.2m 2cm chloritic gouge.																		

	111.5m 2cm shear zone at 50dg to core axis.																			
	111.8m 3cm chloritic gouge at 50dg to core axis.																			
	113.3-113.9m anhedral epidote, quartz and light red alkali feldspar phenocrysts 3-6mm, 3-20% with dominant epidote 113.3-113.6m and dominant quartz and alkali feldspar 113.7-113.9m.																			
	114.1m 3cm chloritic gouge.	14312	114.0	117.0	49.6	4.0	3.0	<.05	<.5	0.01	0.01	0.09	.001	1	1	3	1	0	1
	114.2m 1cm shear zone at 30dg to core axis.																			
	114.6-115.6m shear and chloritic gouge.																			
	116.3m anhedral light red alkali feldspar pheoncrysts 1cm.																			
	116.7m 1cm shear zone at 30dg to core axis.																			
	116.7-118.8m anhedral epidote and minor quartz and light red alkali feldspar phenocrysts 3-20%.																			
	118.4m disseminated hematite in quartz phenocrysts.	14313	117.0	120.0	77.1	35.0	3.0	<.05	<.5	<.01	0.01	0.08	<.001	1	2	2	1	1	1
	119.1-119.7m Moderate to intense sheared with foliation at 30dg-50dg to core axis. Disseminated chlorite and hematite 1-15%.																			
	121.8-122.6m Moderate to intense sheared, foliation at 30dg-40dg to core axis, disseminated chlorite.	14314	120.0	123.0	67.7	14.0	3.0	<.05	<.5	<.01	<.01	0.08	<.001	1	1	1	1	1	1
	122.3m pyrite veins parallel foliation 1-10mm.																			
	123.1m 1cm epidote vein/lense fine grained light green equigranular.	14315	123.0	126.0	91.9	37.3	3.0	<.05	<.5	0.01	<.01	0.09	<.001	1	1	2	1	1	1
	123.3m 4cm epidote vein/lense fine grained light green equigranular.																			
	123.3-123.8m moderate sheared, folation at 75dg to core axis, disseminated chlorite and hematite, hematite 2-6%.																			
	128.7m 5mm quartz - hematite (40%) vein at 60dg to core axis.	14316	126.0	129.0	97.0	45.8	3.0	<.05	<.5	0.01	0.01	0.08	<.001	1	1	1	1	1	2
	128.9m 4% disseminated hematite.																			
	130.3m 2.5cm quartz-hematite (10%) vein at 60dg to core axis.	14317	129.0	132.0	80.2	40.7	3.0	<.05	<.05	0.01	<.01	0.08	<.001	1	2	1	2	2	1
	130.6m 4.0cm quartz vein at 40dg to core axis, 2% disseminated hematite and 1-5mm at lower contact with 50% hematite.																			
	134.7-134.9m 1-2mm calcite-chlorite veins at 5dg to core axis.	14318	132.0	135.0	60.9	8.0	3.0	<.05	<.5	0.01	0.01	0.08	<.001	1	1	2	1	1	2
	136.4-138.0 PROPYLITE fine grained light green porphyritic with anhedral quartz phenocrysts 5-15mm, 2-7%. Intense epidote, trace of fine disseminated pyrite.	14319	135.0	138.0	68.3	12.7	3.0	<.05	<.5	0.01	<.01	0.07	<.001	3	0	2	1	0	1
	139.6m 1cm chlorite gouge at 80dg to core axis.	14320	138.0	142.0	68.7	27.7	4.0	<.05	<.5	0.01	<.01	0.08	<.001	1	0	2	1	0	2
	142.2m 2cm quartz vein at 10dg to core axis with locally light red alkali feldspar and epidote.	14321	142.0	145.0	98.8	47.8	3.0	<.05	<.5	0.01	0.01	0.08	<.001	3	0	1	1	1	1
	142.2-142.4m PROPYLITE fine grained light green equigranular, intense epidote, trace of disseminated pyrite.																			
	142.75-143.4m PROPYLITE fine grained light green equigranular with isolated anhedral quartz phenocrysts 3-8mm. Intense epidote. Trace of fine disseminated pyrite, gradual change from basalt to propylite.																			
	144.1-144.7m PROPYLITE fine grained light green equigranular, intense epidote. Trace of fine disseminated pyrite. Gradual change from basalt to propylite.																			
	146.2m Moderate epidote.	14322	145.0	146.9	101.9	58.1	1.9	<.05	<.5	0.01	0.01	0.07	<.001	2	0	1	1	0	0
	Hole shut down at 146.9m when through major fault.																			
	END OF HOLE																			

NIMPKISH 1984 DRILL HOLE 2.

	Inclination	Bearing
Collar	-73.5	090
100.0m	-70.0	090

Property:Nimpkish
Location:West of Nimpkish Lake
Elevation: 454.2m
Coordinates:5590300N,640250E

Length: 100.0m
Bearing: 090
Begun: April 5/84 1:00p.m.
Completed:April 8/84 2.00 pm
Core size: B.Q.. Recovery: 80.2%

Hole: 84-2
Logged by: T.Bruland
Sampled by:R.E. Gardener
Drilled by:D.J.Drilling

Minerals:0=not present 1=traces 2=minor 3=moderate 4=intense

Ore Minnerals:0=0 1=0-1% 2=1-5% 3=5-10% 4=>10%

Meters From	Meters To	DESCRIPTION	Sample No.	Meters From	Meters To	Recovery %	RQD %	Interval(M)	Au gmt	Ag gmt	Cu %	Pb %	Zn %	Mo %	Minerals Ep.	Minerals Cal.	Minerals Chl.	Ore Minerals Py.	Ore Minerals Hem.	Ore Minerals Mgt.
0.0	3.7	OVERBURDEN																		
3.7	100.0	BASALT																		
		Fine grained grey light and dark greenish grey equigranular with minor hornblende phenocrysts locally, anhedral 1-3mm. Anhedral and subhedral quartz and feldspar phenocrysts/amygdules 2-5mm 0-5%, locally up to 10%. Locally dark green gypsum/anhydrite amygdules 3-8mm, locally up to 30%. Minor to moderate epidote, disseminated and in irregular patches 1-5mm. Calcite in veins 5mm. Quartz veins irregular and at 0dg-60dg to core axis 1-10mm. Minor disseminated chlorite, and chlorite and minor clay minerals on local faults. Traces of hematite as coatings on quartz amygdules and on isolated fractures and local faults. Local faults at 0dg-60dg to core axis. Fine pyrite, disseminated in quartz veins in lenses, .5-2mm, and in irregular distribution of fine disseminated magnetite.																	
			14204	3.7	5.0	48.1	10.0	2.3	<.05	<.5	0.01	<.01	0.02	<.001	1	1	1	1	0	0
			14205	5.0	8.0	76.2	29.5	3.0	<.05	<.5	0.01	<.01	0.02	<.001	3	1	0	2	1	0
		8.5m 1cm quartz-pyrite vein at 45dg to core axis	14206	8.0	11.0	85.9	31.6	3.0	<.05	<.5	0.05	<.01	0.02	.002	2	1	0	2	0	0
		9.4m 2cm quartz-pyrite vein																		
			14207	11.0	14.0	92.7	25.0	3.0	.30	<.5	0.04	<.01	0.02	<.001	1	1	1	1	1	0
			14208	14.0	17.0	85.5	33.3	3.0	<.05	<.5	0.01	<.01	0.02	<.001	2	2	1	1	1	0
		18.9-20.0m 5% anhedral hornblende phenocrysts 2-10mm.	14209	17.0	20.0	71.2	10.8	3.0	<.05	<.5	<.01	<.01	0.02	<.001	1	1	0	1	1	0
		20.0-20.4m 1-2% disseminated hematite	14210	20.0	23.0	84.5	53.0	3.0	<.05	<.5	<.01	<.01	0.02	<.001	2	2	1	1	1	1
		24.5m hematite on local fault	14211	23.0	26.0	88.7	31.5	3.0	<.05	<.5	0.01	<.01	0.02	<.001	1	1	2	1	1	1
		25.5-30.5m Pervaissive quartz stringers	14212	26.0	29.0	87.8	66.9	3.0	<.05	<.5	0.03	<.01	0.02	<.001	1	1	1	2	0	0
			14213	29.0	32.0	87.7	39.2	3.0	<.05	<.5	0.01	<.01	0.02	<.001	1	2	2	2	1	1
		33.6m 1-3mm pyrite veins at 60dg and 90dg to core axis and 5% pyrite in lenses 1-2mm.	14214	32.0	35.0	77.3	27.8	3.0	<.05	<.5	0.03	<.01	0.02	<.001	1	2	1	2	0	1
			14215	35.0	38.0	42.8	2.9	3.0	<.05	<.5	0.02	<.01	0.02	<.001	1	2	1	1	0	2
		39.0-47.9m fine to medium grained light grey equigranular basalt	14216	38.0	41.0	71.6	23.3	3.0	<.05	<.5	<.01	<.01	0.02	<.001	1	2	1	2	1	2
		41.2m 2mm pyrite vein at 10dg to core axis.	14217	41.0	44.0	78.2	29.2	3.0	<.05	<.5	0.02	<.01	0.02	<.001	2	1	1	2	0	1
			14218	44.0	47.0	102.4	63.9	3.0	<.05	<.5	0.02	<.01	0.02	<.001	1	1	1	1	1	2
		47.7m Pervaissive epidote in lense or vein)4cm.	14219	47.0	50.0	90.9	40.5	3.0	<.05	<.5	0.02	<.01	0.01	<.001	2	1	1	1	1	2
		51.0-54.0m irregular distribution of anhedral gypsum/anhydrite amygdules .3-1.5cm with disseminated chlorite, dark green 0-5%.	14220	50.0	53.0	87.4	35.0	3.0	<.05	<.5	0.02	<.01	0.02	<.001	2	0	2	1	1	1
		51.3 & 51.4m 1.5cm quartz veins with pyrite and epidote along contacts, contacts at 60dg to core axis.																		
		55.0m 2 quartz veins 1.0 cm at 60dg to core axis, chlorite along contact to basalt.	14221	53.0	56.0	93.7	42.9	3.0	<.05	<.5	0.01	<.01	0.02	<.001	1	1	2	1	0	1
		57.0-58.0m dark green gypsum/anhydrite in groundmass, locally up to 30%.	14222	56.0	59.0	84.4	51.7	3.0	<.05	<.5	0.01	<.01	0.02	<.001	1	1	2	1	0	0
		58.0-89.0m 1-5% subrounded and irregular dark green gypsum/anhydrite amygdules 1-15mm and gypsum/anhydrite as coating around rounded to subrounded epidote amygdules.																		
		59.6-60.3m 15-20% epidote amygdules, subrounded 3-15mm.	14223	59.0	62.0	97.1	57.6	3.0	<.05	<.5	0.01	<.01	0.02	<.001	2	1	2	1	0	1
		60.5-61.0m up to 30% gypsum/anhydrite in groundmass .5-3.0mm.																		
		63.4 1cm quartz veins at 60dg to core axis.	14224	62.0	65.0	73.9	27.3	3.0	<.05	<.5	0.01	<.01	0.02	<.001	2	1	3	1	0	1
		63.5-64.0m Chlorite along local faults at 70dg to core axis in shear zone.																		
		65.6m 20cm epidote vein at 30dg to core axis, pervasive epidote. Cut by 1cm irregular quartz veins with epidote xenoliths.	14225	65.0	68.0	97.2	43.9	3.0	<.05	<.5	0.01	<.01	0.02	<.001	2	1	2	1	0	2
		66.1m lineation of gypsum/anhydrite amygdules at 60dg to core axis.																		
		67.8-68.0m PROPYLITE, fine grained light green equigranular, pervasive epidote.																		
		68.1m 1.5cm irregular epidote vein, traces of alkali feldspar and cut by quartz stringers.	14226	68.0	71.0	80.0	23.0	3.0	<.05	<.5	0.01	<.01	0.02	<.001	1	1	2	1	1	2
		69.3m moderate epidote in groundmass and in amygdules 3-8mm.																		
		69.8-70.7m moderate epidote in groundmass and in amygdules 3-8mm.																		
		70.7m Isolated subrounded alkali feldspar amygdules/phenocrysts 4-10mm.																		
		71.0-79.3m Moderate evenly distributed disseminated magnetite.	14227	71.0	74.0	87.7	37.7	3.0	<.05	<.5	0.02	<.01	0.01	<.001	1	0	2	1	1	2
		71.5m 5mm quartz vein at 30dg to core axis with disseminated hematite.																		
		73.2m 3-8mm quartz veins at 60dg to core axis.																		
		74.8-75.0m Moderate epidote.	14228	74.0	77.0	105.0	69.2	3.0	<.05	<.5	0.01	<.01	0.01	<.001	2	1	2	1	0	2
		75.8m 5mm, epidote vein at 30dg to core axis.																		

	*78.0m Epidote alteration along contact to 5mm quartz vein, 5-10mm on each contact.	14229	77.0	80.0	74.1	44.1	3.0	<.05	<.5	0.01	<.01	0.01	<.001	2	0	2	1	0	2
	*78.0-78.8 1-3mm light red alkali feldspar veins at 0-50dg to core axis.																		
	*78.0-100.0m Broken core, poor core recovery in major fault.																		
	*79.2-81.6m Light red alkali feldspar phenocrysts, anhedral and subhedral 3-5mm, 5-15%.																		
	*81.6-89.0m Moderate to intense evenly distributed magnetite (disseminated).	14230	80.0	83.0	70.7	30.3	3.0	<.05	<.5	0.05	<.01	0.02	<.001	2	1	1	1	0	1
	*84.6m 40cm sheared basalt, foliation at 0dg-20dg to core axis.	14231	83.0	86.0	68.1	22.9	3.0	.10	<.5	0.02	<.01	0.02	<.001	1	1	3	1	0	2
	*85.4m-87.4m Light red alkali feldspar, anhedral and subhedral 3-8mm. Core loss, poor recovery.																		
	*87.8-88.6m Chlorite gouge with clay minerals at lower contact, contact at 50dg to core axis. Core loss.	14232	86.0	89.0	27.9	4.7	3.0	<.05	<.5	0.02	<.01	0.02	<.001	1	1	4	1	1	2
	*89.0-89.4m Moderate sheared basalt, foliation at 70dg to core axis.	14233	89.0	92.0	79.4	18.1	3.0	.10	<.5	0.04	<.01	0.02	<.001	1	1	3	1	0	0
	*89.4m 10cm chloritic gouge at 40dg to core axis.																		
	*	14234	92.0	95.0	67.5	15.8	3.0	.40	<.5	0.01	<.01	0.01	<.001	1	1	2	1	1	1
	*95.3-95.6m PROPYLITE fine grained light green porphyritic with anhedral quartz phenocrysts 3-6mm. Intense epidote. Trace of fine disseminated pyrite.	14235	95.0	98.0	65.8	11.9	3.0	<.05	<.5	<.01	<.01	<.01	<.001	4	1	2	1	0	1
	*96.1-96.9m PROPYLITE fine grained light green porphyritic with anhedral quartz phenocrysts 3-8mm. Intense epidote. Trace of disseminated pyrite.																		
	*96.9-97.5m. Intense fine disseminated magnetite (5%).																		
	*97.5-98.6m PROPYLITE fine grained light green porphyritic with anhedral quartz phenocrysts 3-10mm. Intense epidote. Trace of fine disseminated pyrite.																		
	*98.6-100.0m Fine disseminated magnetite (5%).	14236	98.0	100.0	88.8	40.8	2.0	<.05	<.05	<.01	<.01	<.01	<.001	3	1	1	1	0	1
	*																		
	* END OF HOLE																		
	*																		
	*																		

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NIMPKISH 1984 DRILL HOLE 3.
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	Inclination	Bearing
Collar	-65.0	090
119.5m	-65.0	090

Property:Nimpkish
Location:West of Nimpkish Lake
Elevation: 462.7m
Coordinates:5590400N,640350E

Length: 119.5m
Bearing:090
Begun: April 8/84 12:00 Noon
Completed: April 9/84 10:30 pm
Core size: B.Q.. Recovery: 92.7%

Hole: 84-3
Logged by: T.Bruland
Sampled by:R.E.Gardener
Drilled by:D.J.Drilling

Minerals:0=not present 1=traces 2=minor 3=moderate 4=intense

Ore Minnerals:0=0 1=0-1% 2=1-5% 3=5-10% 4=>10%

Meters From	Meters To	DESCRIPTION	Sample No.	Meters From	Meters To	Recovery %	RQD %	Interval(M)	Au gmt	Ag gmt	Cu %	Pb %	Zn %	Mo %	Minerals Ep.	Minerals Cal.	Minerals Chl.	Ore Minerals Py.	Ore Minerals Hem.	Ore Minerals Mgt.
0.0	5.5	OVERBURDEN																		
5.5	119.5	BASALT																		
		Fine grained equigranular grey with isolated anhedral quartz phenocrysts 2-8mm, locally anhedral and subhedral hornblende phenocrysts 2-4mm 0-10%. Epidote alteration rim around isolated quartz phenocrysts 1-10mm, irregular thickness and shape around individual phenocrysts. Minor to moderate epidote in groundmass in parts. Chlorite along fractures and local faults. Quartz veins irregular 1-3mm and at 20dg-70dg to core axis 2-25mm. Epidote veins 1-8mm at 30dg-60dg to core axis. Minor disseminated chlorite. Isolated dark green anhedral gypsum/anhydrite amygdules/phenocrysts 1-4mm. Isolated light red alkali feldspar veins 2-5mm at 10dg-40dg to core axis. Traces of fine disseminated pyrite and isolated pyrite lenses 2-4mm. Irregular distribution of fine disseminated magnetite.																	
		5.8m quartz vein, 6mm, with epidote alteration at 30dg to core axis.	14237	5.5	8.0	68.7	38.1	2.5	<.05	<.5	<.01	<.01	0.01	<.001	2	0	1	1	0	2
		6.9m 10mm quartz vein with disseminated epidote at 10dg to core axis.																		
		7.6m Quartz-epidote vein at 20dg to core axis.																		
		9.9m Local faults at 10dg-80dg to core axis and quartz vein >4mm at 0dg to core axis.	14238	8.0	11.0	92.2	38.2	3.0	<.05	<.5	<.01	<.01	0.01	<.001	1	0	2	1	0	2
		10.7m Local fault at 30dg to core axis.																		
		11.0-11.9m PROPYLITE Fine grained light green and greenish grey equigranular. Quartz veins at 10dg-60dg to core axis, fine disseminated pyrite. Upper contact at 50dg to core axis, gradual change between basalt and propylite at 11.9m. Moderate to intense epidote.	14239	11.0	14.0	86.2	51.6	3.0	.40	<.5	<.01	<.01	0.01	<.001	3	0	1	1	0	2
		12.2-22.4m Fine to medium grained with feldspar, quartz and hornblende, equigranular.																		
			14240	14.0	17.0	99.2	65.6	3.0	<.05	<.5	<.01	<.01	0.01	<.001	2	0	1	1	0	2
		17.2-17.9m Moderate epidote.	14241	17.0	20.0	92.3	50.3	3.0	.20	<.5	<.01	<.01	<.01	<.001	2	0	1	1	0	2
		20.5-20.6m PROPYLITE Fine grained light green equigranular, intense epidote, fine disseminated pyrite. Gradual increase in epidote.	14242	20.0	23.0	103.8	54.5	3.0	.15	<.5	<.01	<.01	<.01	<.001	3	0	1	1	0	2
		22.4-28.0m Medium grained grey equigranular basalt.																		
		25.0m Epidote veins at 60dg and 20dg to core axis, 2cm, irregular contacts.	14243	23.0	26.0	97.4	59.2	3.0	.10	<.5	<.01	<.01	<.01	<.001	1	0	1	1	0	2
		26.4-27.8m 10% gypsum/anhydrite in groundmass, anhedral.	14244	26.0	29.0	98.3	42.2	3.0	.15	<.5	<.01	<.01	<.01	<.001	2	0	1	1	0	2
		27.6m 1cm quartz vein at 70dg to core axis.																		
		28.0-28.1m PROPYLITE fine grained light green equigranular, intense epidote, fine disseminated pyrite.																		
		28.05m 1.5cm quartz vein at 30dg to core axis.																		
		30.0m 2mm quartz vein at 40dg to core axis.	14245	29.0	32.0	101.3	80.1	3.0	.20	<.5	<.01	<.01	<.01	<.001	1	0	2	1	0	2
		30.7m 3mm quartz vein at 10dg to core axis.																		
		31.1m 5mm quartz vein at 60dg to core axis with chlorite along contacts.																		
		32.0-50.0m Traces of minor disseminated hematite.	14246	32.0	35.0	99.4	79.9	3.0	.20	<.5	<.01	<.01	<.01	<.001	1	0	2	1	1	2
		32.9m 5mm quartz-epidote vein at 60dg to core axis.																		
		33.2m 1.5cm shear zone at 85dg to core axis with quartz vein and chlorite.																		
		35.5m 2mm and 4mm epidote veins at 20dg to core axis.	14247	35.0	38.0	93.8	78.1	3.0	<.05	<.5	<.01	<.01	<.01	<.001	1	0	1	1	1	2
		39.3m 5mm epidote vein at 45dg to core axis.	14248	38.0	41.0	92.5	46.9	3.0	.05	<.5	<.01	<.01	<.01	<.001	1	0	1	1	1	2
		41.7m 1cm quartz vein at 80dg to core axis.	14249	41.0	44.0	99.1	63.6	3.0	.10	<.5	<.01	<.01	<.01	<.001	1	0	1	1	2	2
		43.5-43.9m 10% disseminated hematite locally up to 25%.																		
		43.5-65.0m 5-10% anhedral quartz phenocrysts 4-10mm.																		
		44.05-44.25m PROPYLITE fine grained light green porphyritic with anhedral quartz phenocrysts 5-8mm, intense epidote, trace of fine disseminated pyrite.	14250	44.0	47.0	89.2	62.5	3.0	<.05	<.5	<.01	<.01	<.01	<.001	3	0	2	1	2	1
		46.6-46.9m PROPYLITE fine grained light green equigranular, intense epidote. Irregular quartz vein 1-10mm, trace of fine disseminated pyrite.																		
		48.0-48.2m PROPYLITE fine grained light green porphyritic with 5% anhedral quartz phenocrysts 3-8mm, intense epidote.	14251	47.0	50.0	59.1	32.7	3.0	<.05	<.5	<.01	<.01	<.01	<.001	3	0	2	1	1	0
		48.5m 10cm with 15% disseminated hematite.																		
		49.1-49.2m PROPYLITE fine grained light green porphyritic with anhedral quartz phenocrysts 5-8mm, intense epidote. Irregular contacts to basalt.																		
		49.4-49.6m PROPYLITE fine grained light green porphyritic with anhedral quartz phenocrysts 5-8mm intense epidote. Irregular contacts to basalt.																		

	50.2m 3cm quartz vein at 0dg-40dg to core axis. Irregular contacts to basalt.	14252	50.0	53.0	97.0	82.9	3.0	<.05	<.5	<.01	<.01	<.01	<.001	3	0	1	2	0	1					
	50.5-65.0m Isolated propylite xenoliths/breccia fragments subangular to subrounded 1-10cm, intense epidote.																							
	52.4m 2cm quartz vein breccia at 20dg to core axis. Angular fragments 2-5mm.																							
	52.9m Isolated angular light red alkali feldspar phenocrysts 4-8mm.																							
		14253	53.0	56.0	99.4	66.8	3.0	.60	<.5	<.01	<.01	<.01	<.001	2	0	1	1	0	2					
	58.5-58.9m PROPYLITE fine grained light green porphyritic with anhedral quartz phenocrysts 3-8mm, 7%. Intense epidote. Contact at 58.5m along quartz vein, 5mm, at 60dg to core axis, quartz vein faulted, displacement 1cm.	14254	56.0	59.0	97.4	60.0	3.0	.10	<.5	<.01	<.01	<.01	<.001	2	0	1	1	0	2					
	59.0-89.0m Fine disseminated hematite .	14255	59.0	62.0	96.4	59.8	3.0	.10	<.5	<.01	<.01	<.01	<.001	3	0	1	1	1	1					
	59.2m 8mm quartz-pyrite vein at 45dg to core axis.																							
	60.7m 10cm hematite xenolith, 25% disseminated hematite, fine grained redish grey, equigranular.																							
	63.0m Local fault at 60dg to core axis.	14256	62.0	65.0	92.7	53.8	3.0	<.05	<.5	<.01	<.01	<.01	<.001	3	0	2	1	1	1					
	63.1m 3cm chloritic fault gouge.																							
	64.0m Local fault at 30dg to core axis.																							
	65.3-65.6m Anhedral/irregular dark green gypsum/anhydrite phenocrysts/amygdules 3-20mm.	14257	65.0	68.0	86.6	36.1	3.0	<.05	<.5	0.02	<.01	<.01	<.001	1	0	2	1	1	1					
	65.4m 10% disseminated hematite.																							
	65.5m 1.5cm quartz-epidote vein at 20dg to core axis.																							
	66.3m 8mm quartz-minor epidote vein at 5dg to core axis.																							
	67.5m 3cm and 5cm gypsum/anhydrite-epidote xenoliths, irregular subangular. One with epidote crystals and one with one part epidote and one part gypsum/anhydrite. Xenolithscut by quartz veins.																							
	67.6m Parallel quartz and epidote veins 3mm and 4mm at 30dg to core axis.																							
	68.0-119.5m Stockwork of quartz veins 1-10mm at 30dg-60dg to core axis. Increasing amount of quartz veins with depth. Minor epidote with isolated quartz veins. Isolated light red alkali feldspar veins 2-5mm and lenses 5-10mm.	14258	68.0	71.0	80.7	32.9	3.0	<.05	<.5	<.01	<.01	<.01	<.001	1	1	1	2	1	1					
	68.0-89.0m Fine pyrite in lenses and aggregates 2-5mm, 3% locally up to 8%.																							
		14259	71.0	74.0	90.5	51.8	3.0	<.05	<.5	<.01	<.01	<.01	<.001	1	1	2	2	2	0					
	74.1m 20cm quartz vein at 40dg to core axis with minor disseminated chlorite and pyrite along contacts and in basalt xenoliths, angular 5-30mm.	14260	74.0	77.0	64.6	19.8	3.0	<.05	<.5	<.01	<.01	<.01	<.001	1	1	3	3	2	0					
	74.5-75.6m Quartz vein with minor disseminated chlorite and along fractures. Minor epidote in lenses, subrounded 1-8mm and isolated pyrite lenses 1-3mm.																							
	75.6-76.8m Moderate to intense sheared basalt. Foliation at 70dg to core axis with chlorite, gypsum/anhydrite and pyrite along foliation plane.																							
	77.0m 2cm quartz vein at 70dg to core axis and 5mm quartz-pyrite vein at 40dg to core axis.	14261	77.0	80.0	85.4	30.2	3.0	0.05	<.5	<.01	<.01	<.01	<.001	1	1	2	3	2	0					
	79.0-79.9m 5% disseminated hematite.																							
	79.0m 1cm quartz vein at 80dg to core axis.																							
	79.8m 1cm quartz vein at 60dg to core axis.																							
	81.9m 1cm quartz vein at 70dg to core axis.	14262	80.0	83.0	104.9	41.5	3.0	.10	<.5	<.01	<.01	<.01	<.001	1	1	2	3	3	0					
	82.2m 3cm light red alkali feldspar lense.																							
	83.0-86.0m Moderate to intense sheared basalt. Foliation at 40dg-60dg to core axis. Local variation.	14263	83.0	86.0	102.8	29.7	3.0	<.05	<.5	<.01	<.01	<.01	<.001	0	1	3	2	2	0					
	83.3m 2cm light red alkali feldspar phenocrysts/xenoliths, subrounded.																							
	84.2m 8mm pyrite vein at 60dg to core axis.																							
	86.0-89.0m Moderate sheared basalt foliation at 30dg to core axis, locally buff coloured.	14264	86.0	89.0	95.5	59.5	3.0	<.05	<.5	<.01	<.01	<.01	<.001	0	1	3	2	1	0					
	88.0-89.0m 10% dark green gypsum/anhydrite on foliation plane.																							
	89.0-105.0m Moderate to intense sheared basalt, foliation at 10dg-20dg to core axis local variation to 0dg to core axis.	14265	89.0	92.0	100.0	62.7	3.0	<.05	<.5	<.01	<.01	0.08	<.001	0	1	4	1	0	0					
	92.0-95.0m Trace of disseminated hematite in quartz.	14266	92.0	95.0	101.5	63.7	3.0	<.05	<.5	<.01	<.01	0.09	<.001	0	1	4	1	1	0					
	94.5m 8mm quartz-pyrite vein with minor disseminated hematite at 10dg to core axis.																							
	95.0-119.5m Disseminated fine and coarse pyrite 2-3%.	14267	95.0	98.0	101.0	58.8	3.0	<.05	<.5	0.09	<.01	0.09	<.001	0	1	4	2	0	0					
		14268	98.0	101.0	100.5	58.8	3.0	<.05	<.5	0.05	<.01	0.09	<.001	0	1	4	2	0	0					
	102.4m Quartz pyrite lense 1x3cm with minor disseminated hematite.	14269	101.0	104.0	101.9	67.6	3.0	.10	<.5	0.01	<.01	0.10	<.001	0	1	3	2	1	0					
	104.0m 1cm quartz-chlorite vein at 40dg to core axis.	14270	104.0	107.0	100.0	53.5	3.0	<.05	<.5	0.01	<.01	0.08	<.001	0	1	3	2	1	0					
	104.0-107.0m Minor disseminated hematite associated with quartz vein and phenocrysts.																							
	105.0-115.0m Moderate to intense sheared basalt at 30dg-40dg to core axis.																							

*110.2m 10cm quartz vein with disseminated pyrite.
*111.5m Two subrounded pyrite lenses 1cm.
*112.2m 2cm chlorite-pyrite gouge at 10dg to core axis.
*113.6m 5cm chlorite-clay gouge.
*115.5m 5mm quartz-chlorite vein at 0dg to core axis.
*116.4m 2cm quartz vein at 0dg to core axis.
*118.0m 5cm intense sheared at 40dg to core axis.
*119.2m 20cm moderated disseminated epidote, 10%.
*
*HOLE SHUT DOWN, NO WATER RETURN, BROKEN CORE LAST 3M, COULD BE DUE TO
*WARN OUT BIT AND NOT TO FAULTING.
*
END OF HOLE

14271	107.0	110.0	98.7	41.6	3.0	<.05	<.5	0.02	<.01	0.09	<.001	1	1	3	2	0	0
14272	110.0	113.0	89.4	19.2	3.0	<.05	<.5	0.02	<.01	0.09	.001	1	1	4	2	0	0
14273	113.0	116.0	74.5	10.2	3.0	.10	<.5	0.02	<.01	0.09	.001	1	1	4	2	0	0
14274	116.0	119.5	69.2	0.5	3.5	<.05	<.5	0.01	<.01	0.09	.001	1	1	4	2	0	0

APPENDIX D

CORE SAMPLE ASSAYS

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL (604) 946-4448

ASSAY REPORT

TO: Falconbridge Ltd.
6415 - 64 St.
Delta, B.C.
V4K 4E2

FILE NO.: 84-62

DATE: April 19, 1984

ATTENTION: Mr. J. Gammon

PROJECT:

Sample Description	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Mo (%)
14204	L	L	.01	L	.02	L
05	L	L	.01	L	.02	L
06	L	L	.05	L	.02	.002
07	.30	L	.04	L	.02	L
08	L	L	.01	L	.02	L
14209	L	L	L	L	.02	L
10	L	L	L	L	.02	L
11	L	L	.01	L	.02	L
12	L	L	.03	L	.02	L
13	L	L	.01	L	.02	L
14214	L	L	.03	L	.02	L
15	L	L	.02	L	.02	L
16	L	L	L	L	.02	L
17	L	L	.02	L	.02	L
18	L	L	.02	L	.02	L
14219	L	L	.02	L	.01	L
20	L	L	.02	L	.02	L
21	L	L	.01	L	.02	L
22	L	L	.01	L	.02	L
23	L	L	.01	L	.02	L
14224	.30	L	.01	L	.02	L
25	L	L	.01	L	.02	L
26	L	L	.01	L	.02	L
27	L	L	.02	L	.01	L
28	L	L	.01	L	.01	L
14229	L	L	.01	L	.01	L
30	L	L	.05	L	.02	L
31	.10	L	.02	L	.02	L
32	L	L	.02	L	.02	L
33	.10	L	.04	L	.02	L
14234	.40	L	.01	L	.01	L
35	L	L	L	L	L	L
36	L	L	L	L	L	L
37	L	L	L	L	.01	L
38	L	L	L	L	.01	L
14239	.40	L	L	L	.01	L
40	L	L	L	L	.01	L
41	.20	L	L	L	L	L
42	.15	L	L	L	L	L
43	.10	L	L	L	L	L

Rejects retained one month, pulps one year, unless specific arrangements made.

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C V4G 1C8 / TEL. (604) 946-4448

FILE NO.: 84-62

ASSAY REPORT

Sample Description	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Mo (%)
14244	.15	L	L	L	L	L
45	.20	L	L	L	L	L
46	.20	L	L	L	L	L
47	L	L	L	L	L	L
48	.05	L	L	L	L	L
14249	.10	L	L	L	L	L
50	L	L	L	L	.01	L
51	L	L	L	L	L	L
52	L	L	L	L	L	L
53	.60	L	L	L	L	L
14254	.10	L	L	L	L	L
55	.10	L	L	L	L	L
56	L	L	L	L	L	L
57	L	L	.02	L	L	L
58	L	L	L	L	L	L
14259	L	L	L	L	L	L
60	L	L	L	L	L	L
61	.05	L	L	L	L	L
62	.10	L	L	L	L	L
63	L	L	L	L	.01	L
14264	L	L	L	L	.01	L
3301	1.50	7.5	.07	L	.52	L
3302	L	L	.07	L	.02	L
3303	L	L	.08	L	.02	L

For Au: L indicates less than .05 g/tonne
For Ag: L indicates less than .5 g/tonne
For Cu: L indicates less than .01%
For Pb: L indicates less than .01%
For Zn: L indicates less than .01%
For Mo: L indicates less than .001%

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B C V4G 1C8 / TEL (604) 946-4448

ASSAY REPORT

TO: Falconbridge Ltd.
6415 - 64 St.
Delta, B.C.
V4K 4E2

FILE NO.: 84-66

DATE: April 19, 1984

ATTENTION: Mr. J. Gammon

PROJECT:

Sample Description	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Mo (%)
14265	L	L	L	L	.08	L
66	L	L	L	L	.09	L
67	L	L	.09	L	.09	L
68	L	L	.05	L	.09	L
69	.10	L	.01	L	.10	L
14270	L	L	.01	L	.08	L
71	L	L	.02	L	.09	L
72	L	L	.02	L	.09	.001
73	.10	L	.02	L	.09	.001
74	L	L	.01	L	.09	.001
14275	L	L	.02	.01	.07	L
76	L	L	.01	L	.07	L
77	L	L	.02	.01	.07	L
78	L	L	.01	.01	.08	L
79	L	L	.01	.01	.07	L
14280	L	L	L	L	.08	L
81	L	L	.01	L	.07	L
82	L	L	.01	L	.08	L
83	.05	L	L	L	.08	L
84	L	L	.01	L	.08	.001
14285	L	L	.01	.01	.08	.001
86	L	L	.01	.01	.08	.001
87	L	L	.02	L	.08	L
88	L	L	.01	L	.08	L
89	L	L	.03	.01	.08	L
14290	L	L	L	.01	.08	L
91	L	L	.01	.01	.09	.004
92	L	L	.01	.01	.08	L
93	L	L	.02	L	.08	L
94	L	L	.02	L	.09	.001
14295	L	L	.02	.01	.08	L
96	L	L	.01	.01	.08	.004
97	L	L	.01	.01	.08	L
98	L	L	.02	.01	.09	L
99	L	L	.02	.01	.08	.001
14300	L	L	.02	.01	.09	.001
01	L	L	.01	.01	.08	.001
02	L	L	.01	L	.08	L
03	L	L	.01	L	.08	L
04	L	L	.01	.01	.08	.001

Rejects retained one month, pulps one year, unless specific arrangements made.

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

FILE NO.: 84-66

ASSAY REPORT

Sample Description	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Mo (%)
14305	L	L	.01	L	.08	L
06	L	L	.01	.01	.08	L
07	L	L	.02	L	.08	L
08	L	L	.01	.01	.08	L
09	L	L	L	.01	.08	L
14310	L	L	.01	.01	.08	L
11	L	L	L	.01	.08	L
12	L	L	.01	.01	.09	.001
13	L	L	L	.01	.08	L
14	L	L	L	L	.08	L
14315	L	L	.01	L	.09	L
16	L	L	.01	L	.08	L
17	L	L	.01	L	.08	L
18	L	L	.01	.01	.08	L
19	L	L	.01	L	.07	L
14320	L	L	.01	L	.08	L
21	L	L	.01	.01	.08	L
22	L	L	.01	.01	.07	L

For Au: L indicates less than .05 g/tonne
For Ag: L indicates less than .5 g/tonne
For Cu: L indicates less than .01%
For Pb: L indicates less than .01%
For Zn: L indicates less than .01%
For Mo: L indicates less than .001%

C

C'

D.D.H. 84-3 270° Dip 65° Depth 119.5 m.

N

ROAD

B

B'

D.D.H. 84-1 270° Dip 60° Depth 146.9 m.

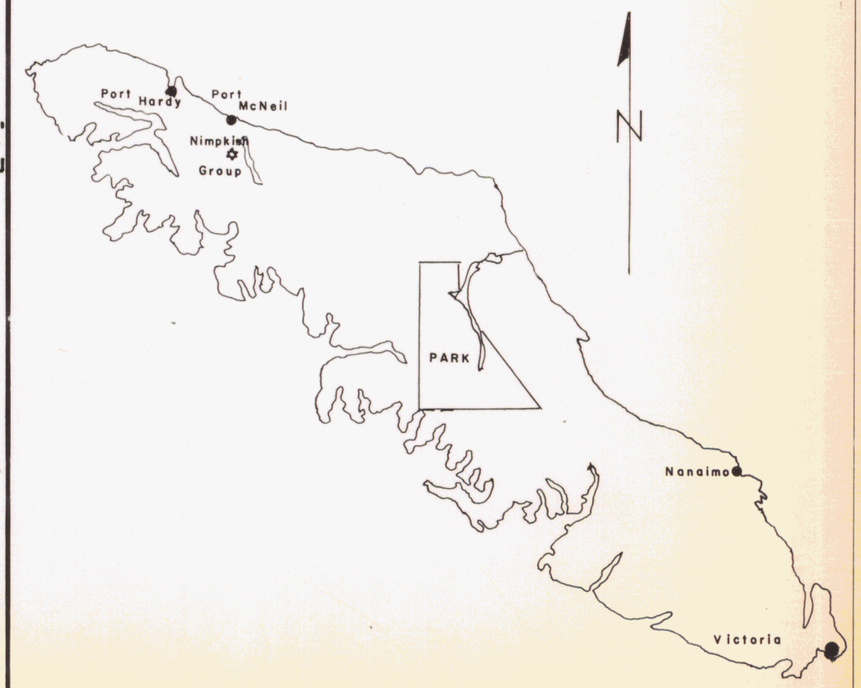
Main Showing

Storage of Drill Core

A

A'

D.D.H. 84-2 270°
Dip 73.5° Depth 100 m.



INDEX MAP VANCOUVER ISLAND SCALE 1:2,500,000

LEGEND

V.L.F. EM. 2n. 40

V.L.F. EM. 4n. 40

D.D. Holes

10 0 10 20m.

SCALE: 1:500

FALCONBRIDGE LIMITED

PROPERTY: Nimpkish Group

LOCATION: Vancouver Island B.C.

TYPE OF MAP: D.D.Holes Location

BASED ON: Feildwork by T.B.

DATE OF WORK: April 1984

N.T.S. 92-L-6 FIG. NO. 086-84-4