85-170-13797

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
Geochem. Drilling	216 803.00

AUTHOR(S) Ken Hicks SIGNATURE(S) Ken Hicks

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED MARCH 25, 1985. YEAR OF WORK 1984

PROPERTY NAME(S) NAKUSP OPTION

COMMODITIES PRESENT Au, Ag

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION Slocan NTS 82 K/4 82 F/13

LATITUDE 50° 04' N LONGITUDE 117° 41' W

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property (Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)):

SEE ATTACHED SHEET.

OWNER(S)

(1) FALCONBRIDGE LIMITED (2)

MAILING ADDRESS

6415 64th. Street
Delta, B.C. V4K 4E2

OPERATOR(S) (that is, Company paying for the work)

(1) FALCONBRIDGE LIMITED (2)

MAILING ADDRESS

6415 64th. Street
Delta, B.C. V4K 4E2

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

The Nakusp property is underlain by sedimentary and volcanic rocks tentatively correlated with Milford, Slocan and Rossland Groups. A number of small quartz veins with gold and silver values are found in predominantly sediments of Slocan Group. Multi-element soil geochemistry anomalies are coincident with a tuffaceous andesitic volcanic of the Slocan Group.

REFERENCES TO PREVIOUS WORK 1983 Company report for Nakusp Resources by I. Watson.

(over)

85-170-13797

FALCONBRIDGE LIMITED

NAKUSP PROPERTY

S.E. BRITISH COLUMBIA

Ken Hicks

Volume I
Parts 1 and 2

Report No. 147-096-84

PART 1 OF 2: GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

NAKUSP PROJECT, SOUTHEASTERN, B.C.

KEN HICKS

NTS 82K/4, 82F/13

JANUARY, 1985

FALCONBRIDGE LIMITED REPORT NO. 147-096-84

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1. INTRODUCTION

This report is a summary of work and results on the 1984 Nakusp project - a property under option to Falconbridge Limited from Nakusp Resources Limited, 1027-470 Granville Street, Vancouver, B.C.

Location, Access and Physiography

The Nakusp property is situated approximately 20 kilometers south of Nakusp in the Valhalla ranges of the Selkirk Mountains, southeastern British Columbia. The claims lie within NTS map areas 82K/4 and 82F/13 and are centred at approximate coordinates of:

Latitude: 50 04' N
Longitude: 117 41' W

Access to the western portion of the property is via Route 6, a permanent hard surface highway, to Burton B.C. Inactive logging roads follow up the Caribou Creek drainage and branch north to the Skylark and Promestora adits. The Chieftain and Eureaka adits are reached via a southern road branch crossing Caribou creek.

The eastern portion of the property is accessible from Route 6 to Hills Siding, B.C., 29 km southeast of Nakusp. Active logging roads operated by Slocan Forest Products extend along the length of Shannon Creek and onto the property. Inactive logging roads providing quick access between eastern and western sides of the property along Slewiskin Creek were washed out early in the season and remain closed.

Helicopter support for the higher reaches of the property is available from permanent bases in Nelson and Revelstoke.

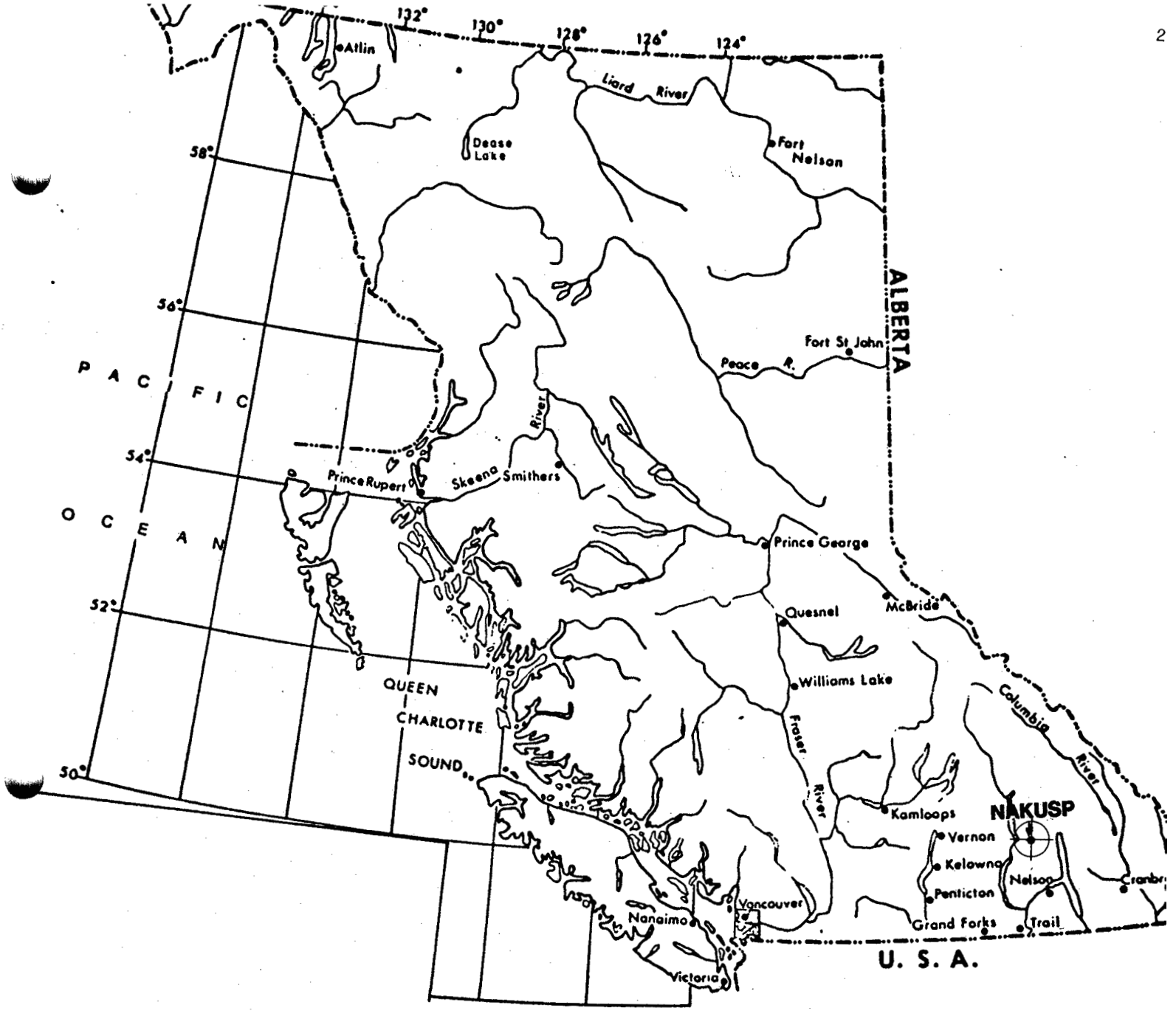
The property covers approximately 8000 Ha of rugged, mountainous terrain with elevations from 1100m to 2400m. Above the treeline at 2200m are open alpine meadows with scattered bedrock exposures. Below this level, slopes are covered with a dense forest cover of fir, cedar, hemlock and spruce. Slide alder and devil's club are ubiquitous near creeks and the valley floor.

Although topography is steep, bedrock exposures are generally limited to creek beds, alpine ridges and road cuts. The valley floor of the Caribou creek drainage is covered by a thick deposit of poorly sorted glacial till and alluvium.

1.2 Previous Work

The Nakusp-Burton area has been the site of small placer and hard-rock gold operations since the late 1800's. A number of barren and mineralized adits are located on the claims.

The 1980 discovery of a spectacular gold showing on Tillicum Mountain, south of the Nakusp Resources property, renewed interest in



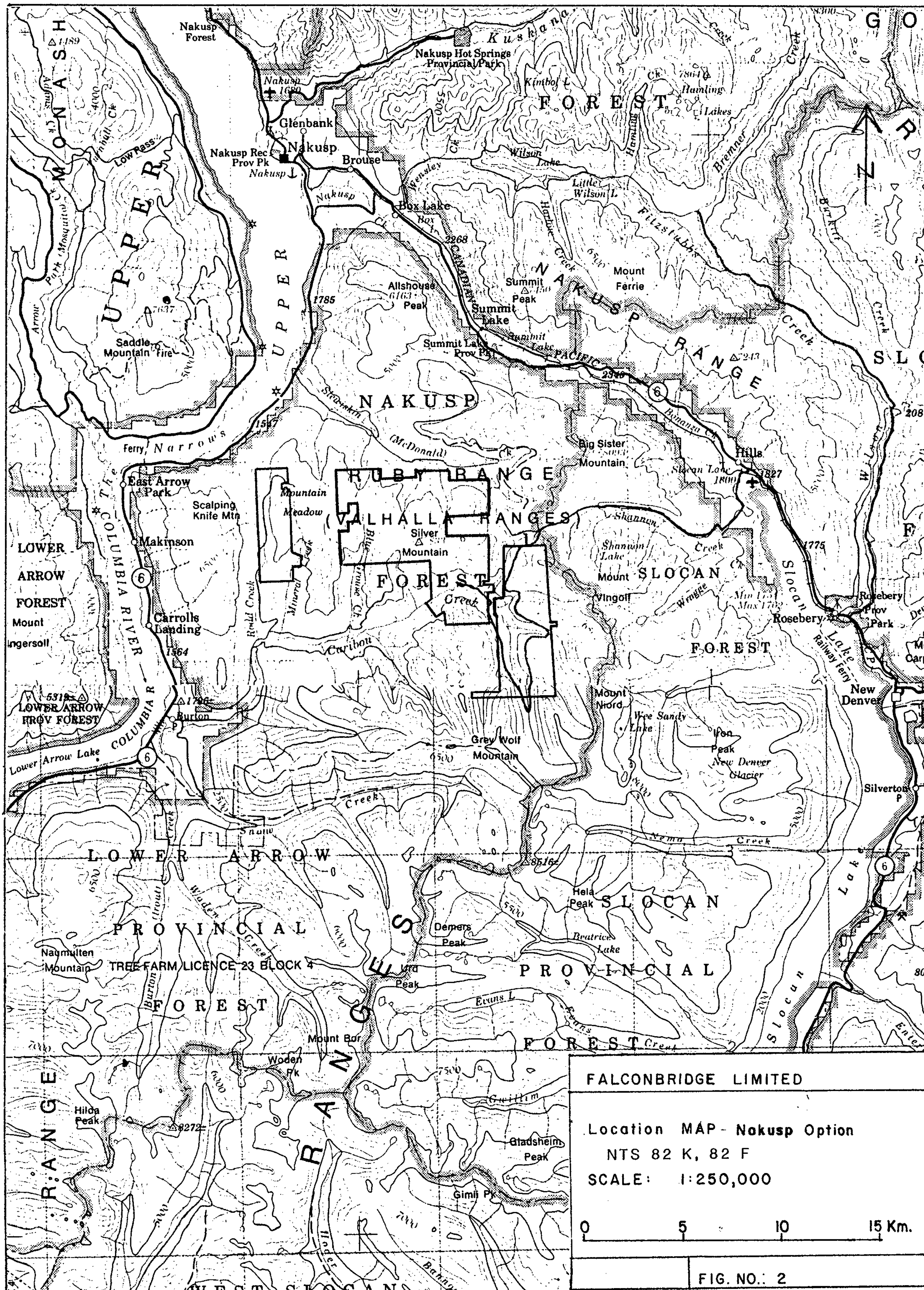
INDEX MAP

BRITISH COLUMBIA

150 0 150 300 450 Km.

SCALE 1: 7·500·000

FIG. NO.: 1



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Location MAP - **Nakusp Option**

NTS 82 K, 82 F

SCALE: 1:250,000

0 5 10 15 Km.

FIG. NO.: 2

the area. Subsequent work on Tillicum Mountain by Esperanza Exploration Limited has delineated several zones anomalous in gold and silver.

A reconnaissance exploration program was conducted on the Nakusp property in 1983 by I.M. Watson and Associates. Work included airborne magnetometer/EM, property mapping as well as contour and grid soil geochemistry sampling (Watson 1983, 1984). Several areas of interest were outlined from this work and these formed the basis for the 1984 exploration program by Falconbridge Limited.

I.3 Claims and Ownership

A total of 320 units of 4 post, 2 post and fractional claims comprise the Nakusp property. All claims are owned by Nakusp Resources Limited through staking, option or purchase and are located within the Slocan Mining Division. Claim locations are shown on Figure 3. A table of current claims information and applied assessment can be found in Appendix 1.

II. GEOLOGY

II.1 Regional Geology

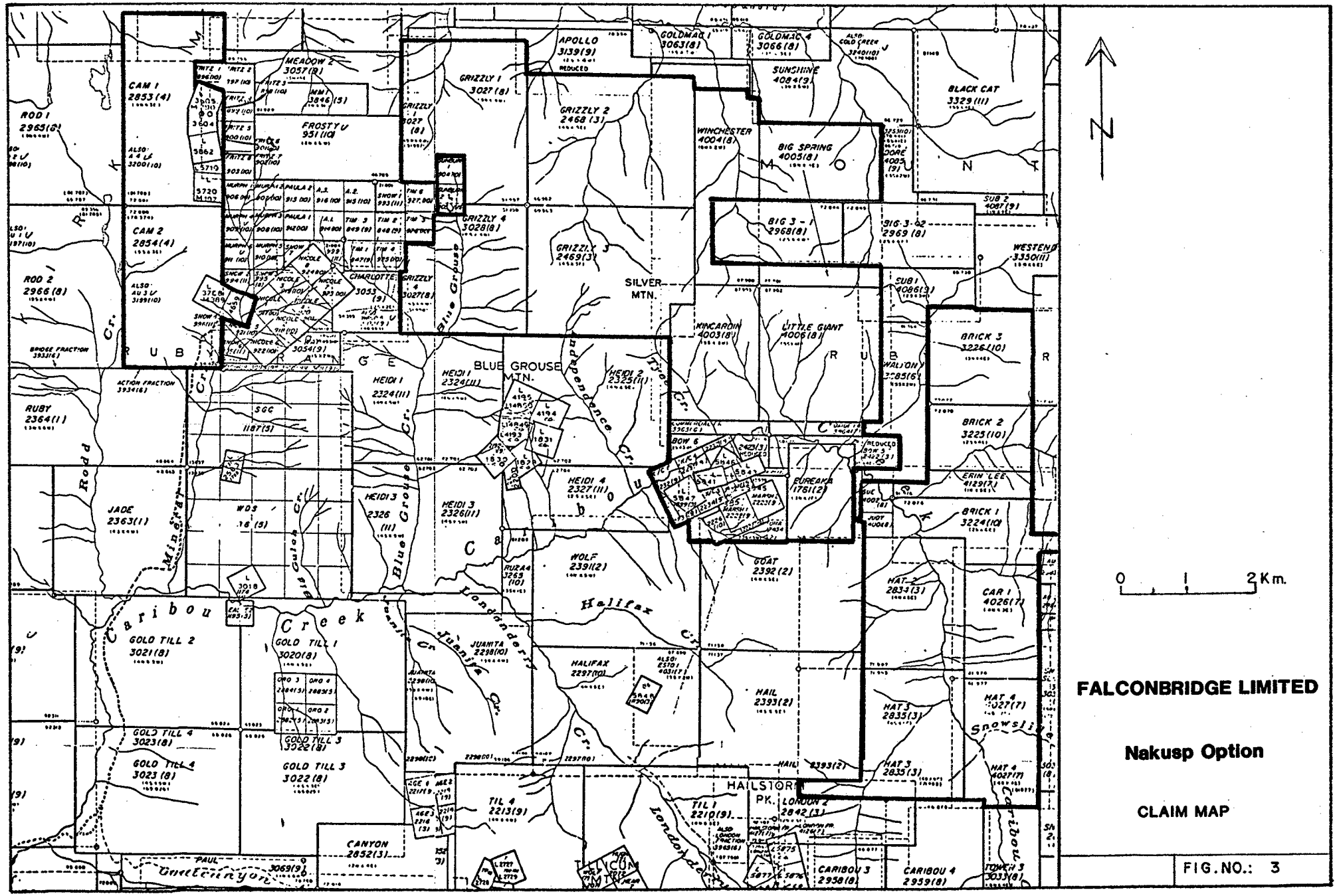
The Nakusp map area consists primarily of low grade metasedimentary and metavolcanic rocks bordered on the northeast by the Kuskanax batholith and an extensive mass of "Nelson Granite" to the south. Three episodes of folding have been described by Hyndman (1968). Small, tight, isoclinal first phase folds are found in high grade metamorphic rocks of Saddle and Scalping Knife Mountains. Phase two folds deform lower grade rocks into a large east-southeast trending recumbent fold open to the southwest. This "Slocan Synclinorium" was described by Hedley (1952). The Slocan fold is truncated on the west by the north-south Rodd Creek fault. Third phase folds (coplanar to both earlier phases) deform earlier lineations. Regional metamorphic grade increases south of the Slocan synclinorium to sillimanite grade in the Valhalla Dome.

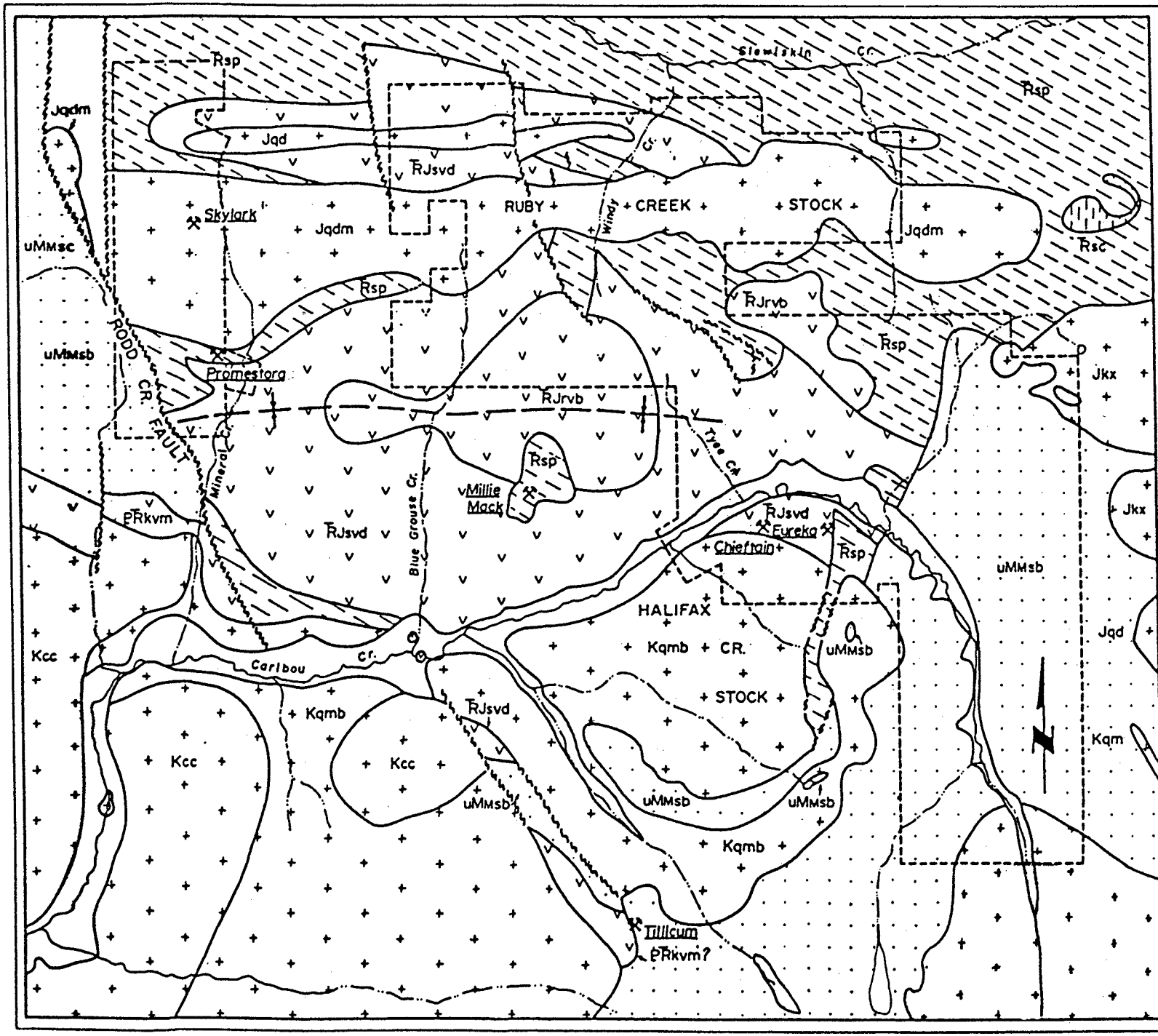
II.2 PROPERTY GEOLOGY

II.2.1 Introduction

The variety and complexity of lithologies in the project area is much greater than the regional overview would suggest. Lithologically distinct marker horizons are locally restricted and some units are thought to undergo rapid facies changes.

Based on the 1983 exploration results, the 1984 program was concentrated between the Chieftain-Eureaka adits and the Little Giant area north of Caribou Creek, east of Silver Mountain. This decision was based in part on previous favourable reconnaissance and grid soil sampling the presence of old workings in the general area, and the 1983 reconnaissance mapping of the property. The emphasis of the 1984 program was in following up broadly defined soil geochemical anomalies


APOLLO 3139(9)
GOLDMAC 1 3063(8)
GOLDMAC 4 3066(8)
SUNSHINE 4084(9)
BLACK CAT 3329(11)
MEADOW 2 3057(8)
GRIZZLY 1 3027(8)
GRIZZLY 2 2468(3)
WINCHESTER 4004(8)
BIG SPRING 4005(8)
CAM 1 2853(4)
ROD 1 2965(8)
FROSTY U 951(10)
GRIZZLY 4 3028(8)
BIG 3 - 1 2968(8)
916-3-62 2969(8)
WESTEND 3350(11)
CAM 2 2854(4)
ROD 2 2966(8)
GRIZZLY 3 2469(3)
SILVER MTN.
SUB 1 4086(3)
KINCARDIN 4003(8)
LITTLE GIANT 4006(8)
BRICK 3 3226(10)
BLUE GROUSE MTN.
HEIDI 1 2324(11)
HEIDI 2 2325(11)
BRICK 2 3225(10)
RUBY 2364(1)
EUREKA 1761(2)
ERIN LEE 4129(7)
BRICK 1 3224(10)
JADE 2363(1)
HEIDI 4 2327(11)
HEIDI 3 2326(11)
WOLF 2391(2)
GOAT 2392(2)
HAT 2 2833(3)
CAR 1 4026(7)
Caribou Creek
GOLD TILL 2 3021(8)
GOLD TILL 1 3020(8)
JUANITA 2298(10)
HALIFAX 2297(10)
HAIL 2393(2)
HAT 3 2835(3)
HAT 4 4027(7)
GOLD TILL 4 3023(8)
GOLD TILL 3 3022(8)
TIL 4 2213(9)
TIL 1 2210(9)
LONDON 2 2842(3)
CANYON 2852(3)
CARIBOU 3 2958(8)
CARIBOU 4 2959(8)
TOWER 3 3031(8)
N
0 1 2 Km.
FALCONBRIDGE LIMITED
Nakusp Option
CLAIM MAP
FIG. NO.: 3



LEGEND

CRETACEOUS &/OR JURASSIC

LOWER CARIBOU CREEK PLUTON
- Kcc — Quartz monzonite, granodiorite

GOATCANYON-HALIFAX CR.-WRAGGE CR. STOCK
- Kqmb — Quartz monzonite

SNOWSLIDE-WRAGGE CR. STOCKS
- Kqm — Qtz. monzonite, qtz. diorite, granodiorite

JURASSIC &/OR CRETACEOUS

RUBY RANGE STOCK
- Jqdm — Biotite hornblende quartz diorite

MEADOW MTN. & E. CARIBOU STOCKS
- Jqd — Hornblende quartz diorite

JURASSIC

ALLSHOUSE PEAK STOCK
- Jkx — Quartz monzonite

LOWER JURASSIC

ROSSLAND GROUP
- RJrvb — Meta-basalt

TRIASSIC TO LOWER JURASSIC

SLOCAN GROUP
- RJsvd — Meta-andesite to meta-dacite
- Rsp — Phyllite, argillite, tuff

PERMIAN &/OR TRIASSIC

KASLO GROUP
- PRkvm — Amphibolite, meta-basalt

UPPER MISSISSIPPIAN TO PENNSYLVANIAN OR PERMIAN

MILFORD GROUP
- uMMsb, uMMsc — Metasediments, pelitic schist, quartzite, calc-silicates

PROTEROZOIC TO TRIASSIC

SHUSWAP METAMORPHIC COMPLEX
- Rsc — Marble

Fault

Synclinal axis

Chieftain — Mineral showing

Property boundary

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Regional Geology

0 1 2 3 Km

I.M. Watson & Associates Ltd., after Hyndman (1968), Reed & Wheeler (1973), Parrish (1981)

FIG. NO.: 4

together with detailed lithostratigraphic mapping, trenching and possible diamond drilling of defined targets. Previous mapping north of Caribou Creek covered major creeks, road cuts and mountain ridges. Detailed mapping within the areas of interest between creeks was hampered by poor exposure and heavy forest growth.

II.2.2 Lithologies

Regional mapping by Hyndman (1968) tentatively correlated sediments and volcanics in the Nakusp project area with Milford (Triassic-Pennsylvanian), Slocan (Lower Jurassic-Triassic) and Rossland (Jurassic) groups, based largely on similarity of lithologic units and succession of geological units in known areas. Granitic rocks of Jurassic to Cretaceous Age are found throughout the project area.

II.2.2.1 Milford Group: Rocks lithologically similar to those within the Milford Group underlie the south-eastern portion of the property near the upper reaches of Caribou Creek. Six units have been defined and are listed on Map 096-84-6. Apparent lithologic changes within the subdivisions make the correlations of specific units difficult; however, exposures of a distinctive grey, limestone within this sequence allows for some extrapolation from outcrop to outcrop. This also gives an indication of the local variations in adjacent pelitic sediments. Outcrops of this limestone are not widely distributed.

Arenaceous and argillaceous occasionally calcareous, sediments trend approximately northwest with moderate southwesterly dips. These rocks extend from the south of the project area north to Walton Creek and then appear to abruptly juxtapose grey-green volcanics of the Slocan Group. This distribution of Milford Group rocks differs with that of previous mapping by Watson (1983).

II.2.2.2 Slocan Group: Sedimentary and volcanic rocks tentatively assigned to the Slocan Group dominate the property north of Caribou Creek. They have been subdivided into six lithologic units for mapping purposes (Map 096-84-6, in pocket). The Slocan Group is distinct in that it contains both a sedimentary and volcanic component. Sediments are typically fine grained dark grey to black argillites, phyllites and siltstones. The phyllitic appearance of some of the sediments may be due to local shearing and therefore a gradation from phyllitic to non-phyllites may exist. Argillites and phyllites are found at the higher levels of Tyee Creek and north of Silver Mountain. Less obvious and of a more restricted extent are light brown weathering fine ash to lapilli sized lithic and crystal tuffs. The brownish colour and clastic appearance on weathered surfaces aid in field identification of the finer grained tuffs. In some cases, fine ash tuff grades up to lapilli sized tuffs with an argillaceous component. Some of the finer grained dark grey to black phyllite in this and other areas may in fact be tuffaceous sediments which grade laterally to obvious tuff rocks. This rapid change in appearance restricts the use of coarse grained tuffaceous breccias and

lapilli tuffs as marker horizons. Some of the fine grained lithic and crystal tuff horizons can be traced across a number of minor cross cutting drainages north of Caribou Creek.

A thin grey limestone, Bc, is found with tuffaceous units on the north side of Silver Mountain. Only a few outcrops of this unit were found.

A dark grey calcareous tuff-breccia to lapilli-tuff is also found north of Silver Mountain. Calcareous rock fragments have a pitted appearance on weathered surfaces with a fine grained matrix of similar composition. Outcrops of this unit are also on the ridge east of Silver Mountain.

The volcanic rocks of the Slocan Group, are andesite to dacite in composition, grey to grey-green colour and vary from fine grained to porphyritic. They probably originated as volcanic flows and crystal tuffs with feldspar and lesser hornblende phenocrysts up to 1cm. The largest exposure of volcanics is found on the slope north of Caribou Creek and the top of Silver Mountain.

II.2.2.3 Rossland Group: Overlying the Slocan Group sediments and volcanics is a metavolcanic "greenstone" which Hyndman correlates with the Rossland Group volcanics. One exposure of green metabasalt or metaandesite is located just west of Silver Mountain.

Another occurrence of Rossland volcanics is located approximately 2000m east of Silver Mountain in the Ruby range. It is fine-medium grained, massive to blocky weathering, pale grey-green low level "subvolcanic".

II.2.3 Intrusives

The Ruby Range quartz monzonite stock trends approximately east-west along the slopes between Silver Mountain and Slewiskin Creek. Hyndman (1968) suggests intrusion probably took place during the third episode of deformation with the Ruby Range stock coincident with an east-west antiform. Sediments near intrusive contacts have been hornfelsed over a short distance.

To the north lies a smaller east-west trending coarsely porphyritic intrusive known as the Meadow Mountain Pluton. It corresponds with a small east-west synform.

Quartz monzonite-granodiorite of the Halifax Creek stock outcrops on the south side of Caribou Creek. It bounds the Chieftain-Eureaka area on the east and west. Minor biotite-feldspar porphyry dykes commonly occur in country rock surrounding the contacts of the major intrusives. In Windy Creek, within the Ruby Range stock, a rusty weathering quartz porphyry dyke runs parallel to a large north trending fault zone. Dark lamprophyre dykes, usually less than 1 metre in width intrude sediments and volcanics.

II.2.4 Structure

Structural data on the property are somewhat limited, however, north of Silver Mountain a repetitive sequence of a thin limestone, phyllitic tuffs and volcanics could correspond to a synform suggested by Hyndman (1968).

The dominant fault orientation is approximately north-northwest, north of Caribou Creek.

II.2.5 Alteration Patterns

The most prominent feature of volcanics on the Nakusp property is their high percentage of secondary carbonate. In thin sections fine grained carbonate is found disseminated throughout the internal fabric of the volcanics. This replacement or alteration obliterates the original textures thereby making the distinction between tuffaceous volcanics and volcanic flows difficult.

Erratic patches of finely disseminated pyrrhotite are also found primarily within volcanic/tuffaceous units. No obvious systematic distribution of pyrrhotite was observed. Minor pyrite is disseminated throughout most rock types but usually not in association with pyrrhotite.

III. ECONOMIC GEOLOGY

III.1 Old Workings

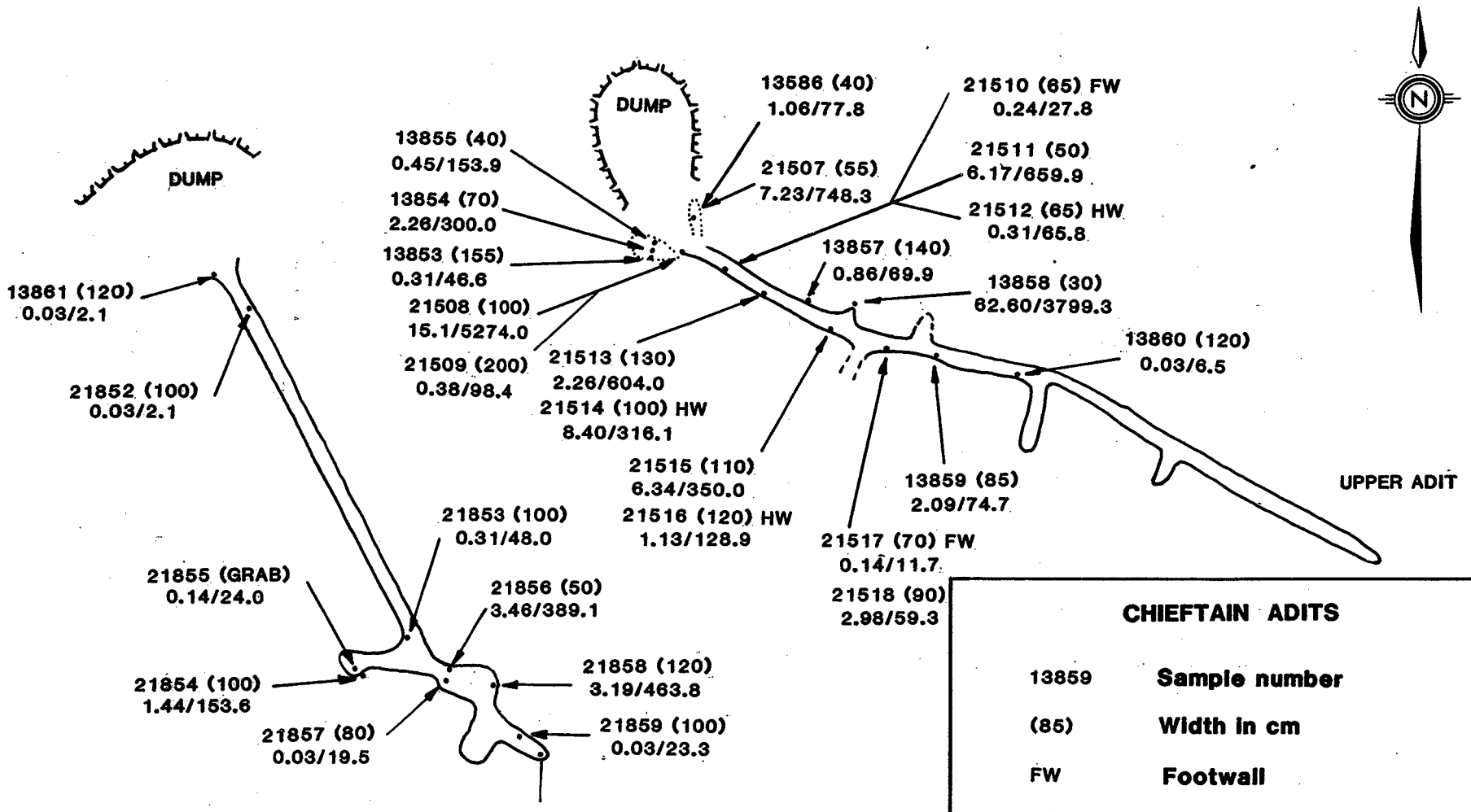
The Nakusp property has four adits known to carry lenses of gold/silver mineralization within small, disrupted quartz veins. The Skylark, Promestora and Upper and Lower Chieftain Adits were sampled in detail in 1984. The results confirm the presence of high-grade pods of Au-Ag mineralization. Three of the four adits are drifted into shear zones within argillites. The Skylark is located within the Ruby Range intrusive.

III.1.1 The Chieftain Vein System

The Chieftain vein was first staked in 1890. The vein was developed in two adits and an interval shaft (not connecting). Both adits were sampled in detail across the width of the veins as well as footwall and hanging wall samples in some cases. Gold and silver results are shown in plan view on Figure 5.

Upper Chieftain Adit Vein:

Strike Length: 30m +
Down-dip Extension: 10m +
Mineralogy: Disseminated and patchy pyrite, minor chalcopyrite, trace galena.
Anomalous Elements: Au, Ag, Pb, Sb, Zn, As, Cu
Occurrence: Quartz vein within graphitic shear crosscutting argillite/phyllite and minor andesite country rock. Vein pinching and swelling to 1m maximum with small scale variations in direction and dip.



CHIEFTAIN ADITS

13859	Sample number
(85)	Width in cm
FW	Footwall
HW	Hangingwall
2.09/74.7	Au (g/tonne) Ag (g/tonne)

Scale 1:500

FALCONBRIDGE LIMITED

DRAWN BY: K.H. Jan.1985

N.T.S. NO.:82-K-4 FIG.NO.: 5

Wallrock Alteration: None.
Elemental Zonation: Not Obvious.
Total Assay Samples Taken: 20
Analysis: 26 Element ICP + F.A.A. Gold

Best Three Au, Ag Assays:

Sample No.	Au (g/t)	Ag (g/t)	Width (cm)
13858	62.60	3799.3	30
21508	15.10	5274.0	100
21507	7.23	748.3	55

Lower Chieftain Adit Vein

Strike Length: Less than 20m, very disrupted
Up/Down Dip Extension: None tested
Mineralogy: Patchy and disseminated pyrite
Anomalous Elements: Au, Ag
Occurrence: Erratic quartz vein pinching and swelling within graphitic shear crosscutting argillite/phyllite and andesite country rock. Rapid changes in vein direction and dip.
Alteration or Elemental Zonation: Not obvious.
Total Assay Samples Taken: 9
Analysis: Same

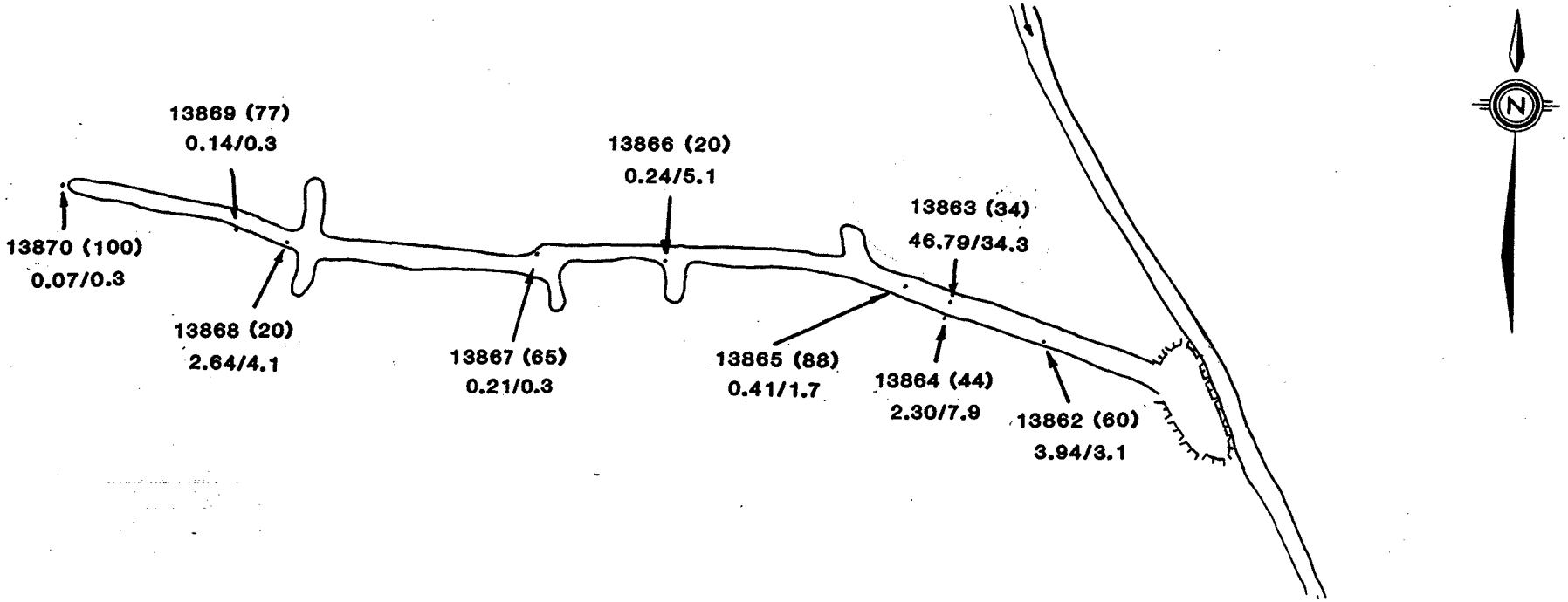
Best three Au, Ag Assays:

Sample No.	Au (g/t)	Ag (g/t)	Width (cm)
21856	3.46	389.1	50
21858	3.19	463.8	120
21854	1.44	153.6	100

III.1.2 Promestora Vein

The Promestora adit is situated on the Cam Claim Group, a separate block of claims west of the main group. Located at the headwaters of Mineral Creek, the Promestora Adit extends 83m into sheared sediments.

Promestora Vein Data
Strike Length: 40m +, Discontinuous
Dip Extensions: None tested
Mineralogy: Massive and disseminated pyrrhotite, minor sphalerite, minor disseminated pyrite.
Anomalous Elements: Au
Occurrence: Singular or multiple minor quartz veins reaching maximum thickness of 50 cm, usually about 20 cm. Occurring discontinuously along a NW-SE trending shear zone within Slocan Group argillites.
Wallrock Alteration or Elemental Zonation: Not obvious
Total Assay Samples Taken: 9
Analysis: Same



PROMESTORA ADIT

13863	**Sample number**
(34)	**Width in cm**
46.79/34.3	**Au (g/tonne) Ag (g/tonne)**

Scale 1:500

FALCONBRIDGE LIMITED

DRAWN BY: K.H. Jan. 1985

N.T.S. NO.: 82-K-4 FIG. NO.: 6

Best three Au, Ag Assays:

Sample No.	Au (g/t)	Ag (g/t)	Width (cm)
13863	46.79	34.3	34
13862	3.94	3.1	60
13868	2.64	4.1	20

III.1.3 Skylark

The Skylark adit is located approximately 2.5 km north of the Promestora adit. Not all of the underground workings were examined due to the partial collapse of the north extension.

Skylark Vein Data

Strike Length: 100m + on surface but discontinuous
Dip Extension: Surface shaft to adit at depth 10m
Mineralogy: Minor patches of galena, sphalerite, minor pyrite
Anomalous Elements: Au, Ag, Pb, Zn
Occurrence: Minor quartz vein within Jurassic Ruby Range Stock quartz diorite, pinching and swelling to maximum 75cm.
Wallrock Alteration or Elemental Zonation: Not obvious
Total Assay Samples Taken: 4
Analysis: Same

Best three Au, Ag Assays:

Sample No.	Au (g/t)	Ag (g/t)	Width (cm)
13871	2.06	280.1	15
13872	1.54 52.8	11.0 377.0	75
13873	0.21	5.8	60

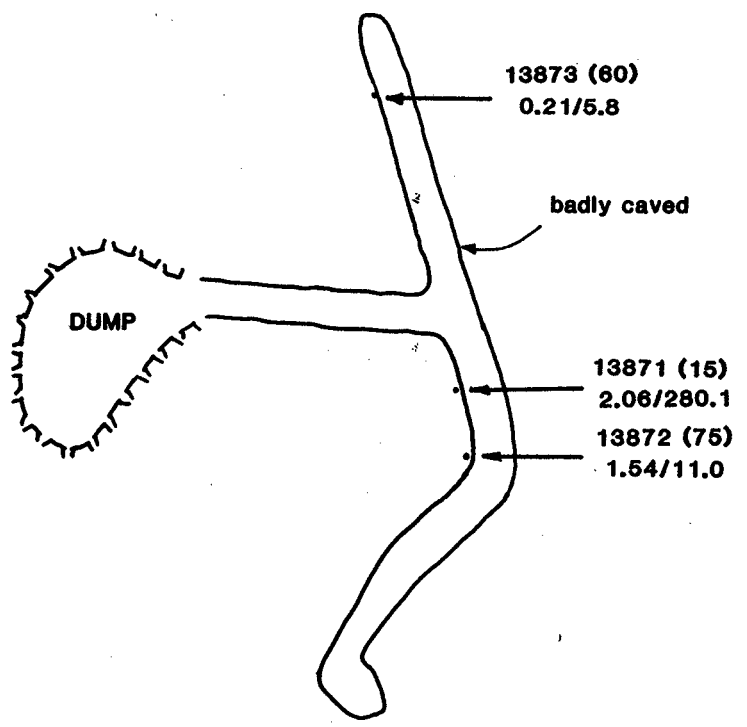
Other Areas of Interest

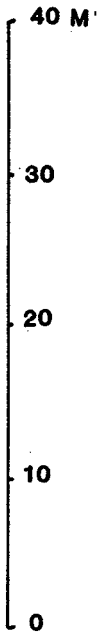
III.1.4 Eureaka

Of the three known Eureaka Adits east of the Chieftain, only one was accessible for examination. No evidence of significant mineralization or quartz veining was uncovered. The open middle adit is collared in sheared grey-maroon andesites with minor amounts of bull quartz float at the entrance. The target seems to have been shear controlled veins which apparently pinched out rapidly.

Galena, sphalerite and pyrite rich quartz vein float found above the middle adit was followed upstream for a short distance but was not found in place.

Two additional adits are located in close proximity to the two main Chieftain adits. A small adit below the Lower Chieftain adit is void of obvious mineralization or mineralizing structures and was not sampled. To the east of the upper Chieftain adit a longer adit extends approximately 45m into the hillside but is also barren.





FALCONBRIDGE LIMITED

SKYLARK ADIT

13871 **Sample number**

(15) **Width in cm**

2.06/280.1 **Au(g/tonne) Ag(g/tonne)**

Scale 1:500

DRAWN BY: K.H. Jan. 1985

N.T.S. NO.:82-K-4 FIG.NO.: 7

III.1.5 Chieftain Grid

A newly discovered old working was found on the southern edge of the Chieftain grid. A partially caved adit and numerous small hand-pits are located in a sheared exposure of argillite. An attempt was made to clear the adit entrance but continual caving of roof and walls prevented access. No evidence of mineralization or veining was found in the old workings. A soil geochemistry station from the 1983 soil sample which yielded 50ppm is located on the sheared argillite debris of the old dump site.

III.1.6 Windy Creek Alteration Zone

In Windy Creek, north of Silver Mountain, a large northerly trending shear/fault zone cuts through the Ruby Range stock. Along a short segment of this shear zone the original hornblende quartz diorite has undergone intense kaolinitic alteration. An equally altered rusty weathering quartz porphyry dyke coincides with this alteration zone.

Closely spaced rock sampling carried out in the alteration zone revealed a relative depletion in Al, Na, V and K as well as an enrichment of As, Ca, Cd, Pb and Sb compared with the unaltered intrusive. A total of 15 samples were taken but no economic mineralization was encountered and no obvious lateral elemental zonation or haloes were observed.

III.1.7 Little Giant Alteration Zone

The zone corresponds to a sheared sub-volcanic/argillite contact on the eastern boundary of the property along the Ruby Range. A closely spaced soil grid covered the area of interest (Geochemistry section, Map 096-84-2a, 2b, 2c).

III.1.8 Big Spring Skarn Zone

Dark grey calcareous tuffs and tuff-breccias are hornfelsed and weakly skarnified at their contact with the Ruby Range Stock. Patches of pyrrhotite and traces of chalcopyrite comprise approximately 5 percent of total volume.

Sampling of the richest sulphide zones failed to return encouraging results.

IV. GEOCHEMISTRY

iv.1 Field Methods

Soil sampling was carried out in an area of interest bounded by the Chieftain-Eureaka on the south and the Little Giant Alteration Zone to the North. Sampling proceeded on closely spaced contour traverses (25m sample inverval) and on rectangular grids. Control in the field was by compass, hip chain and clinometer on grids and altimeter and hip chain on contour sampling. Samples were collected

from B-horizon whenever possible at a depth of greater than 15 cm using a rock hammer pick and placed in standard labelled kraft paper sample bags.

iv.2 Analytical Procedure

iv.2.1 24 Element ICP

Ag, Al, As, B, Bi, Ca, Cd, Co, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, U, V, Zn

Samples are processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95 degrees C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by jaw crusher and pulverized by ceramic plated pulverizer. One gram of the samples is digested for 6 hours with HNO.3 and HC104 mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by Computer operated Jarrell Ash 9000ICP. Inductively coupled Plasma Analyser. Reports are formatted by routine computer dotline print out.

iv.2.2 Fire Gold Geochemical Analysis

Geochemical samples for fire gold were processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95 degrees C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 15.00 or 30.00 grams is fire assay preconcentrated.

After pretreatments the samples are digested with Aqua regia solution, and after digestion the samples are taken up with 25% HC1 to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 1 ppb.

iv.3 Geochemical "Standards" and Variations

Two large "internal" geochemical standards were taken from the property and and used to test the variability and reproducibility of gold values within a single sample site. Approximately 30 sub-samples were taken from the Chieftain soil standard and 24 sub-samples of the Walton silt standard. These were distributed at regular intervals within contour and grid soil samples sent for analysis. The results are shown on Table 1.

Approximately 200 soil samples were analyzed for gold using two different analytical methods. Standard aqua regia atomic absorption analysis was carried out and the pulps were subsequently reanalyzed using fire gold geochemistry. A portion of these results are shown on Table 2. Coarse fractions (greater than - 80 mesh) of 101 soil samples were separated out and analyzed. Table 3 is a comparison of Pb, Zn and Au in fine and coarse fractions.

TABLE 1. Analytical Variations of Chieftain Standard (Soil)

Element	Range		Mean	N=30
	Min.	Max.		
Silver	0.0 ppm	2.4 ppm	1.4 ppm	
Arsenic	153	242	190.0	
Lead	1	23	13.4	
Gold	2 ppb	258 ppb	54.7 ppm	

Analytical Variations of Walton Standard (Silt)

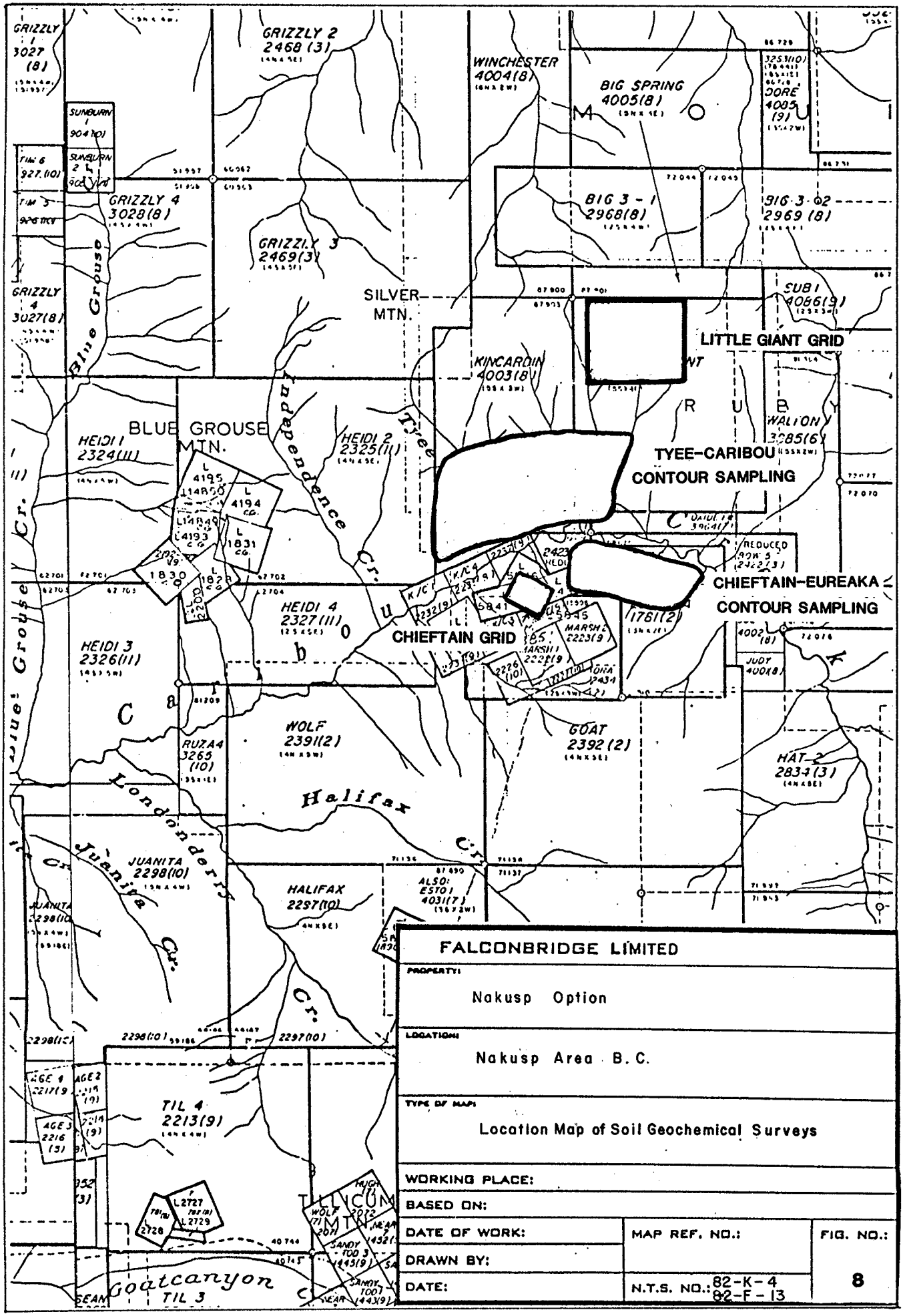
Element	Range		Mean	N=24
	Min.	Max.		
Silver	0.1 ppm	1.2 ppm	0.7 ppm	
Arsenic	0	6	1.2	
Lead	0	13	8.1	
Gold	1 ppb	13 ppb	3.0 ppb	

TABLE 2. Comparison of results of Aqua Regia A.A. versus Au-Fire Analytical Methods for Gold Detection

Sample No.	Aqua Regia A.A.	Au Fire	Sample No.	Aqua Regia A.A.	Au Fire	Sample No.	Aqua Regia A.A.	Au Fire
88034	5ppb	10ppb	88078	5ppb	9ppb	88154	5ppb	20ppb
035	5	52	079	20	60	155	5	30
036	5	2	080	10	23	156	5	9
037	5	5	081	5	12	157	10	20
038	5	25	082	5	23	158	5	50
039	5	14	083	5	7	159	5	25
040	5	10	084	5	15	160	10	28
041	5	28	085	35	50	161	30	145
042	5	37	086	5	25	162	25	40
043	35	50	087	10	26	163	5	20
044	10	6	088	15	14	164	5	30
045	280	260	089	5	26	165	5	95
046	200	145	90	5	35	166	5	14
047	400	215	091	10	37	167	10	46
048	10	25	092	5	25	168	5	22
049	25	15	093	5	10	169	5	46
050	30	85	094	5	10	170	10	30
051	15	14	095	10	10	171	5	25
052	15	24	096	10	25	172	15	6
053	5	15	097	5	22	173	25	7
054	<5	10	098	5	7	174	30	42
055	5	10	099	5	20	175	5	15
056	5	6	88100	<5	7	176	10	14
057	5	8	88133	5	13	177	5	20
058	5	10	134	5	5	178	240	85
059	5	13	135	15	30	179	15	48
060	<5	20	136	5	45	180	35	40
061	20	54	137	10	10	181	5	60
062	5	8	138	5	8	182	30	65
063	5	15	139	5	30	183	250	224
064	5	25	140	10	29	184	25	18
065	10	38	141	5	83	185	5	125
066	5	55	142	5	10	186	95	67
067	10	30	143	20	20	187	5	5
068	5	1	144	5	15	188	5	95
069	5	4	145	5	37	189	<5	18
070	5	2	146	5	25	190	5	4
071	10	14	147	<5	26	191	100	55
072	145	74	148	10	3	192	5	9
073	5	15	149	5	15	193	5	2
074	5	140	150	10	30	194	5	33
075	5	10	151	5	10	195	5	10
076	10	12	152	10	37	196	10	58
077	5	1	153	5	13	197	5	13

TABLE 3: Comparison of Pb, Zn and Au in Fine and Coarse Fraction (CF) Separations in Tyee-Caribou Soil Geochemistry

SAMPLE NUMBER	PB (PPM)	ZN (PPM)	AU (PPB)	SAMPLE NUMBER	PB (PPM)	ZN (PPM)	AU (PPB)
89830	51	389	13	89830CF	27	192	112
89831	40	887	38	89831CF	19	303	34
89832	17	419	52	89832CF	23	213	680
89833	17	235	43	89833CF	15	95	43
89834	3	240	4	89834CF	12	142	3
89835	0	249	37	89835CF	8	144	48
89836	7	257	1	89836CF	14	124	1
89837	2	489	17	89837CF	10	178	6
89838	17	329	3	89838CF	17	147	1
89839	0	505	12	89839CF	7	181	7
89840	6	430	328	89840CF	5	174	2
89841	10	448	6	89841CF	18	210	12
89842	0	262	20	89842CF	1	122	1
89843	0	347	19	89843CF	7	158	3
89844	12	307	2	89844CF	13	199	57
89845	40	1650	25	89845CF	27	521	4
89846	18	653	1550	89846CF	18	283	1
89847	11	697	47	89847CF	19	476	9
89848	29	504	7	89848CF	26	279	7
89849	18	557	4	89849CF	15	332	1
89884	30	312	14	89884CF	33	184	2
89885	42	254	12	89885CF	43	165	1
89886	23	156	2	89886CF	22	81	1
89887	18	258	1	89887CF	15	176	1
89888	16	461	3	89888CF	17	305	8
89889	71	398	4	89889CF	49	235	1
89890	35	241	12	89890CF	22	116	3
89891	59	279	11	89891CF	37	149	2
89892	268	442	116	89892CF	172	293	94
89893	36	221	18	89893CF	15	88	3
89894	46	504	75	89894CF	31	194	15
89895	21	235	19	89895CF	10	7	1
89896	5	257	16	89896CF	7	145	2
89897	29	558	14	89897CF	18	233	1
89898	12	247	35	89898CF	9	146	22
89899	38	657	375	89899CF	19	237	71
89943	91	352	53	89943CF	58	155	13
89944	49	490	32	89944CF	35	177	12
89945	23	259	35	89945CF	14	124	8
89946	2	261	127	89946CF	0	125	24
89947	16	229	40	89947CF	11	106	11
89948	8	194	10	89948CF	4	102	1
89949	0	1310	51	89949CF	2	469	3
87692	28	631	38	87692CF	24	324	1
87693	34	666	14	87693CF	46	433	2
87694	44	940	9	87694CF	43	479	13
87695	41	409	19	87695CF	39	214	2
87696	28	391	28	87696CF	22	172	5
87697	10	416	15	87697CF	12	274	1
87698	22	415	15	87698CF	20	261	4
87699	37	790	18	87699CF	43	415	3
001	43	788	49	001CF	25	287	12
002	19	259	60	002CF	10	124	4
003	26	391	50	003CF	29	217	1
004	26	406	55	004CF	17	232	6
005	16	239	75	005CF	8	133	1
006	3	464	36	006CF	4	215	3
007	25	348	23	007CF	22	200	2
008	24	376	47	008CF	16	161	9
009	20	626	25	009CF	11	269	2
010	9	448	20	010CF	20	292	11
011	27	577	25	011CF	30	296	6
012	23	405	35	012CF	23	178	1
013	2	825	9	013CF	15	327	1
014	41	1060	41	014CF	30	500	1
015	43	709	35	015CF	34	294	4
016	278	1050	705	016CF	162	553	960
017	27	579	35	017CF	35	437	3
018	119	1170	190	018CF	81	596	22
019	129	936	308	019CF	86	344	34
020	86	719	240	020CF	60	345	150
021	100	626	85	021CF	65	249	31
022	35	966	84	022CF	31	443	12
023	93	897	44	023CF	120	535	4
024	59	653	83	024CF	52	399	5
025	39	287	72	025CF	27	154	13
026	17	230	84	026CF	16	116	2
027	20	223	155	027CF	17	109	62
028	11	97	69	028CF	18	54	7
029	17	117	20	029CF	20	66	3
030	11	125	27	030CF	17	66	9
031	21	98	49	031CF	20	67	23
032	27	157	35	032CF	21	74	10
033	29	252	34	033CF	26	136	8
034	32	120	50	034CF	24	82	25
035	36	117	81	035CF	17	71	63
036	10	212	50	036CF	12	160	28
037	12	91	58	038CF	14	62	1
038	6	100	15	039CF	12	64	1
039	4	92	10	037CF	13	63	1
040	16	204	25	040CF	27	104	35
041	14	129	15	041CF	18	69	11
042	1	110	19	042CF	13	81	3
043	1	99	18	043CF	12	58	7
044	4	142	10	044CF	14	69	2
045	26	122	35	045CF	24	80	6
046	17	229	14	046CF	20	113	10
047	27	193	20	047CF	25	91	14
048	31	250	11	048CF	32	209	36
049	54	377	55	049CF	27	150	4
050	32	146	28	050CF	25	107	67



FALCONBRIDGE LIMITED		
PROPERTY: Nakusp Option		
LOCATION: Nakusp Area B. C.		
TYPE OF MAP: Location Map of Soil Geochemical Surveys		
WORKING PLACE:		
BASED ON:		
DATE OF WORK:	MAP REF. NO.:	FIG. NO.:
DRAWN BY:		8
DATE:	N.T.S. NO.: 82-K-4 82-F-13	

iv.4 Results

iv.4.1 Tyee-Caribou Contour Sampling

A total of 754 soil samples were collected from an area bordered along the property boundary near Tyee Creek, by Caribou Creek on the south and the 5300 foot contour to the north (fig. 3, Map 096-84-1a.) This area of interest was delineated in 1983 using widely spaced contour soil traverses. The 1984 follow-up concentrated on closely spaced contour geochemical traverses with a sample interval of 25m. An area of approximately 1.5 sq. km. was covered. Hillside slopes averaged 25 - 35 degrees with thin overburden. The sample area has a widespread but seemingly random distribution of weakly anomalous 25 - 35 ppb Au and 0.8 - 2.0 ppm Ag values as well as a high background in zinc. In addition, five zones of strongly anomalous gold values (+ 100 ppb) were defined and were the site of trenching and subsequent diamond drilling. (Described in Part 2: Report on 1984 Diamond Drilling on the Nakusp Property). These gold anomalies also have anomalous values in Ag, Pb and As.

Random one and two point gold anomalies were prospected and sample pits were blasted to remove overburden. Results were not encouraging.

iv.4.2 Little Giant Grid

A rectangular soil grid 800m x 1000m was used to sample the Little Giant area. North-south lines were spaced 50m apart with 25m sample intervals. A total of 658 soil samples were collected.

Only a few single point precious and base metal anomalies were discovered (Map 096-84 2b, 2c). and their potential is diminished in light of unfavourable results on similar anomalies within the Tyee-Caribou area tested by 1984 diamond drilling. These results are described in Part 2: Report on 1984 Diamond Drilling on the Nakusp Property.

iv.4.3 Chieftain-Eureaka Contour Sampling

This area is located between the Chieftain and Eureaka adits. Sampling at 25m intervals along contour lines totaled 183 samples and covered approximately 0.45 sq.km (Map 096-84-3a-3d). Slopes averaged between 35 - 45 degrees with abundant talus slide debris and shallow weathered bedrock.

Results of the sampling revealed only small one or two point gold and silver anomalies. In general, the area has poor soil development with broken, talus debris forming a significant component of overburden

iv.4.4 Chieftain Grid

Initial work on the Chieftain Grid in 1984 consisted of re-sampling the previous years' anomalous area. A total of 102 samples

were taken on the 400m by 325m grid. Re-analysis of these sample pulps, (Map 096-84-4b) weakly reproduced the anomalies but of a lower magnitude. Subsequent resampling of the entire grid, (306 samples Map 096-84-5b) confirmed weak but broadly anomalous areas. The disappointing results made the Chieftain area a lower priority for additional work.

iv.5 Discussion of Results

The wide range of gold values for the Walton and Chieftain standards as well as the analytical variation between fire gold (F.A.A.) and Aqua Regia A.A. methods pose a difficult problem. The cause of this field variability of gold is thought to be a "particle" effect. Gold may be present in minute particles randomly distributed in overburden as a result of outcrop weathering. Random standard samples taken from the overburden may or may not contain gold particles and therefore multiple sampling would show a range of values.

Variable proportions of rock fragments in samples from steep terrain with talus slide debris could also be responsible for some degree of geochemical variation.

One way to reduce the affect of gold variability would be to rely more on multiple pathfinder element anomalies in conjunction with precious metals. In this case Ag, As and Pb all have a positive correlation with gold.

Table 2 shows only 3 Aqua Regia A.A. anomalous samples which were not reproduced as anomalous using F.A.A. Conversely, F.A.A. analysis shows 45 samples over 25 ppb which were not anomalous using Aqua Regia A.A. Of the four areas of soil sampling, Tyee-Caribou was the only one with significant multi-element anomalies and therefore was of higher priority. All four areas showed a high background of zinc relative to other base metals.

V. SUMMARY AND CONCLUSIONS

The 1984 exploration program on the Nakusp Resources property consisted primarily of follow-up work of 1983 geochemical anomalies and sampling of old known workings. The main focus of soil sampling was in the Little Giant, Tyee-Caribou and Chieftain-Eureaka areas. Detailed contour and grid soil surveys were carried out and results indicated the Tyee-Caribou to be most promising. Five precious metal/multi-element anomalies were defined and subsequently tested by trenching and diamond drilling.

The widespread areas of elevated base and precious metal concentrations in the Tyee-Caribou region appear to coincide with tuffaceous andesitic volcanics. Structurally below this unit is a dark, fine-grained argillite which would be relatively receptive to late fluid movement. With a highly porous and permeable tuff above and a relatively impervious sedimentary unit below, mineralized solutions travelling along the volcanic/sedimentary contact would tend to favour original features such as coarse fragment size or structural

traps such as faults on shears. This fluid percolation was probably responsible for the pervasive carbonatization of the volcanics.

Diamond drill hole 84-2 intersected a zone with visible sphalerite immediately above a sedimentary contact. A zone approximately 6 meters above this contact has highly anomalous values in As, Pb, Zn, Ag and Au (Appendix 3). Values in the adjoining argillites are low.

Prospecting late in the season in the Tyee-Caribou region discovered a minor piece of massive arsenopyrite float which assayed 16.60 g/t Au. Its source was never discovered but is assumed to be a minor vein. Traces of arsenopyrite in road samples also returned higher than average gold values.

The most favourable unit appears to be a tuffaceous andesite where anomalous gold values are commonly associated with sphalerite, pyrite and arsenopyrite.

Other areas of interest were examined and evaluated such as the Windy Creek alteration zone and the lesser geochemical anomalies. The results do not indicate potential for economic mineralization.

The potential for large tonnages of economic grade from old workings is remote although smaller tonnages of higher grade may exist in the known veins.

The lack of reproducibility of gold results in soils is attributed to its occurrence as discrete microscopic particles with an erratic distribution.

The difference between Aqua Regia geochemical or Fire Gold analytical methods appears to be a higher degree of sensitivity with fire gold; however, background to peak ratios are similar and both methods appear to be effective in distinguishing true anomalies from background levels.

VI. RECOMMENDATIONS

Additional work on the Nakusp property should concentrate on detailed underground mapping of the major adits with the possibility of diamond drill testing of vein extensions. The Chieftain and the Promestora adits are considered of prime importance.

Drill testing of the Chieftain adits could be accomplished by three holes with a maximum depth of 100m each. Access to the adits is good and construction of new roads for drill sites would be minimal.

VII. BIBLIOGRAPHY

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PART 2 OF 2: REPORT ON 1984 DIAMOND DRILLING PROGRAM

ON THE NAKUSP PROPERTY,

SOUTHEASTERN BRITISH COLUMBIA

KEN HICKS

NTS 82 K/4, 82 F/13

JANUARY, 1985

FALCONBRIDGE LIMITED REPORT NO. 147-096-84

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1. INTRODUCTION

This report is a summary of work and results on the 1984 Nakusp project - a property under option to Falconbridge Limited from Nakusp Resources Limited, 1027-470 Granville Street, Vancouver, B.C.

1.1 Location, Access and Physiography

The Nakusp property is situated approximately 20 kilometers south of Nakusp in the Valhalla ranges of the Selkirk Mountains, southeastern British Columbia. The claims lie within NTS map areas 82K/4 and 82F/13 and are centred at approximate coordinates of:

Latitude: 50 04' N
Longitude: 117 41' W

Access to the western portion of the property is via Route 6, a permanent hard surface highway, to Burton B.C. Inactive logging roads follow up the Caribou Creek drainage and branch north to the Skylark and Promestora adits. The Chieftain and Eureaka adits are reached via a southern road branch crossing Caribou creek.

The eastern portion of the property is accessible from Route 6 to Hills Siding, B.C., 29 km southeast of Nakusp. Active logging roads operated by Slocan Forest Products extend along the length of Shannon Creek and onto the property. Inactive logging roads providing quick access between eastern and western sides of the property along Slewiskin Creek were washed out early in the season and remain closed.

Helicopter support for the higher reaches of the property is available from permanent bases in Nelson and Revelstoke.

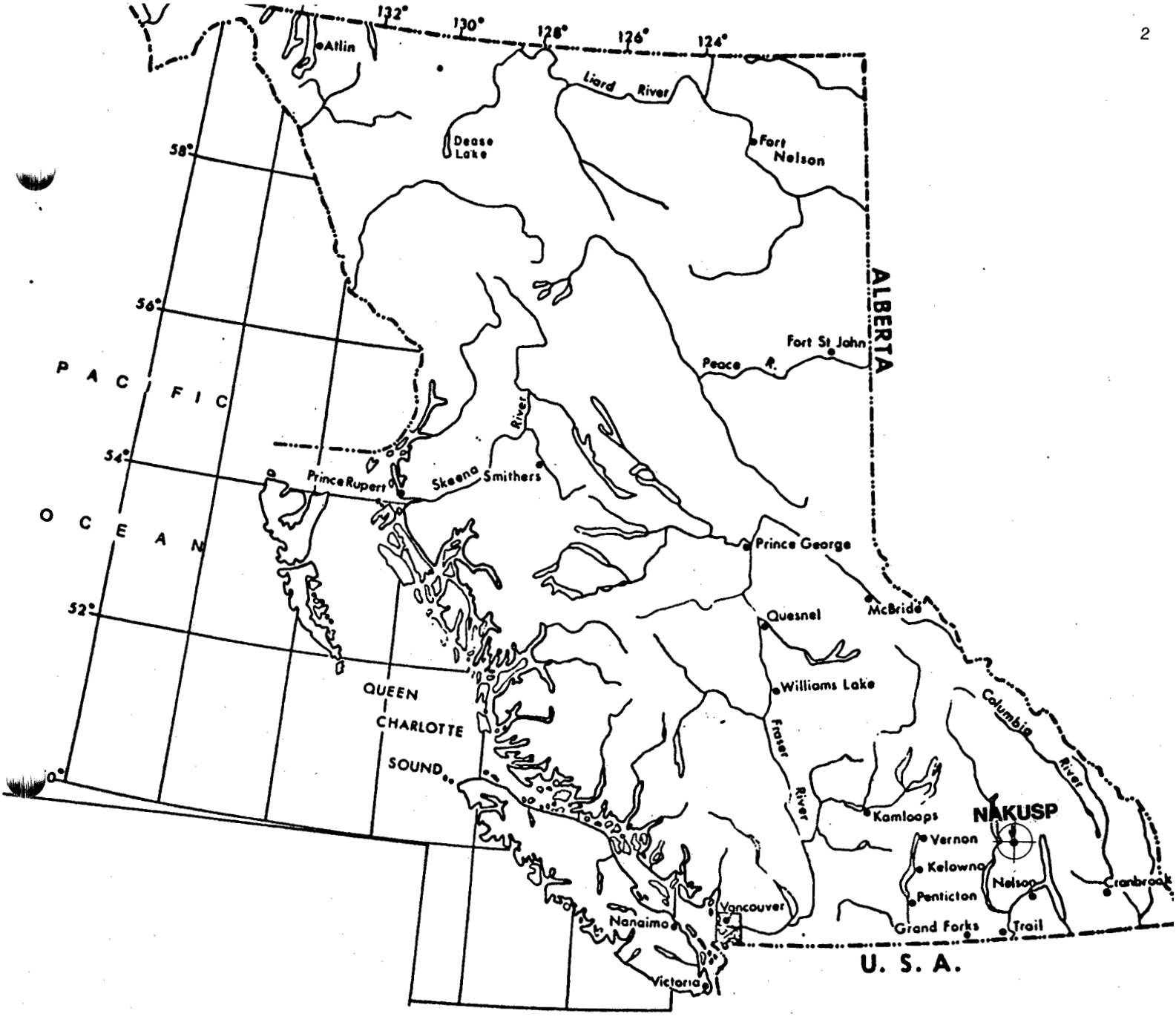
The property covers approximately 8000 Ha of rugged, mountainous terrain with elevations from 1100m to 2400m. Above the treeline at 2200m are open alpine meadows with scattered bedrock exposures. Below this level, slopes are covered with a dense forest cover of fir, cedar, hemlock and spruce. Slide alder and devil's club are ubiquitous near creeks and the valley floor.

Although topography is steep, bedrock exposures are generally limited to creek beds, alpine ridges and road cuts. The valley floor of the Caribou creek drainage is covered by a thick deposit of poorly sorted glacial till and alluvium.

1.2 Previous Work

The Nakusp-Burton area has been the site of small placer and hard-rock gold operations since the late 1800's. A number of barren and mineralized adits are located on the claims.

The 1980 discovery of a spectacular gold showing on Tillicum Mountain, south of the Nakusp Resources property, renewed interest in the area. Subsequent work on Tillicum Mountain by Esperanza



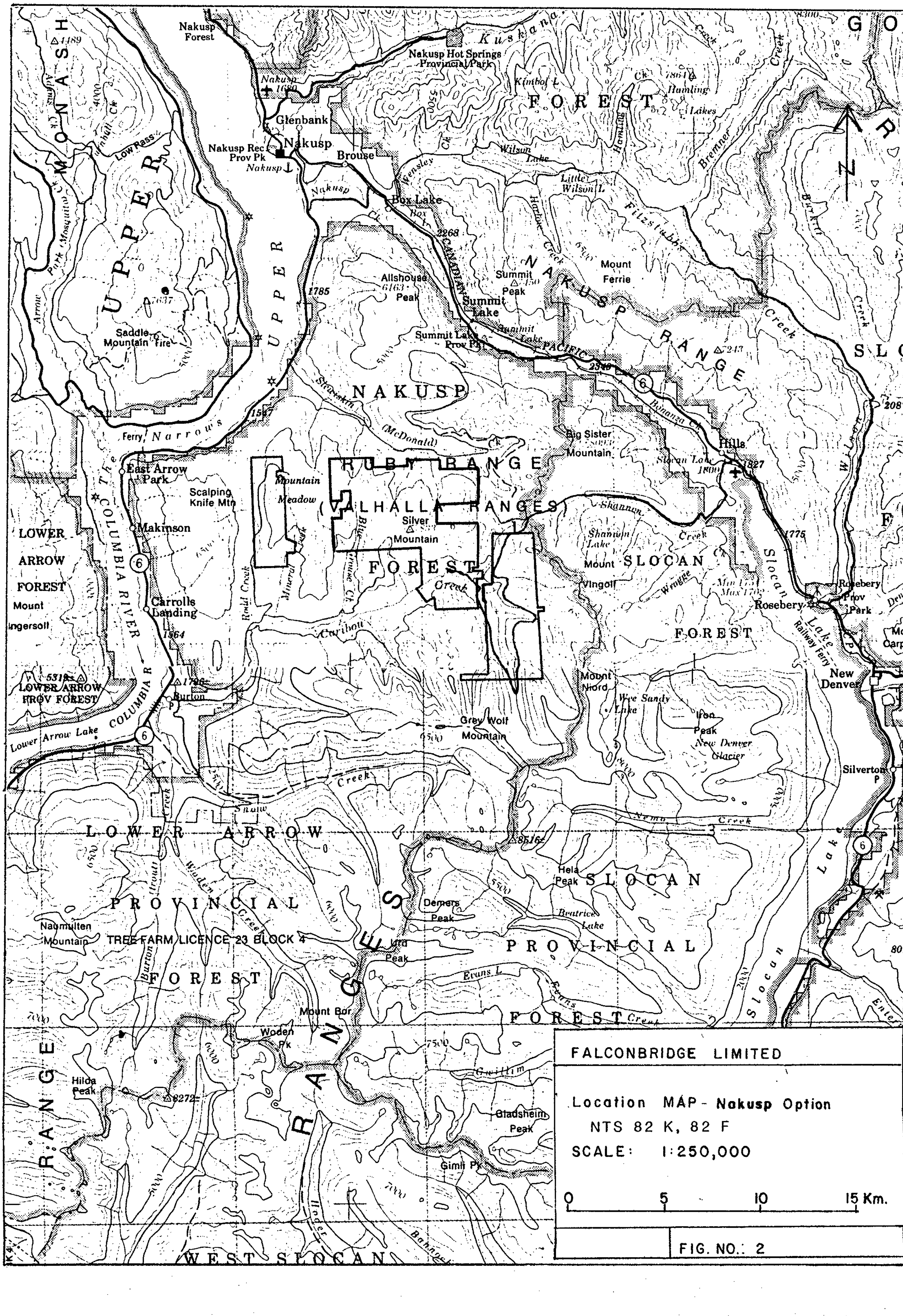
INDEX MAP

BRITISH COLUMBIA

150 0 150 300 450 Km.

SCALE 1: 7·500·000

FIG. NO.: 1



FALCONBRIDGE LIMITED

Location MAP - Nakusp Option
NTS 82 K, 82 F
SCALE: 1:250,000

0 5 10 15 Km.

FIG. NO.: 2

Exploration Limited has delineated several zones anomalous in gold and silver.

A reconnaissance exploration program was conducted on the Nakusp property in 1983 by I.M. Watson and Associates. Work included airborne magnetometer/EM, property mapping as well as contour and grid soil geochemistry sampling (Watson 1983, 1984). Several areas of interest were outlined from this work and these formed the basis for the 1984 exploration program by Falconbridge Limited.

1.3 Claims and Ownership

A total of 320 units of 4 post, 2 post and fractional claims comprise the Nakusp property. All claims are owned by Nakusp Resources Limited through staking, option or purchase and are located within the Slocan Mining Division. Claim locations are shown on Figure 3. A table of current claims information and applied assessment can be found in Appendix 1.

II. GEOLOGY

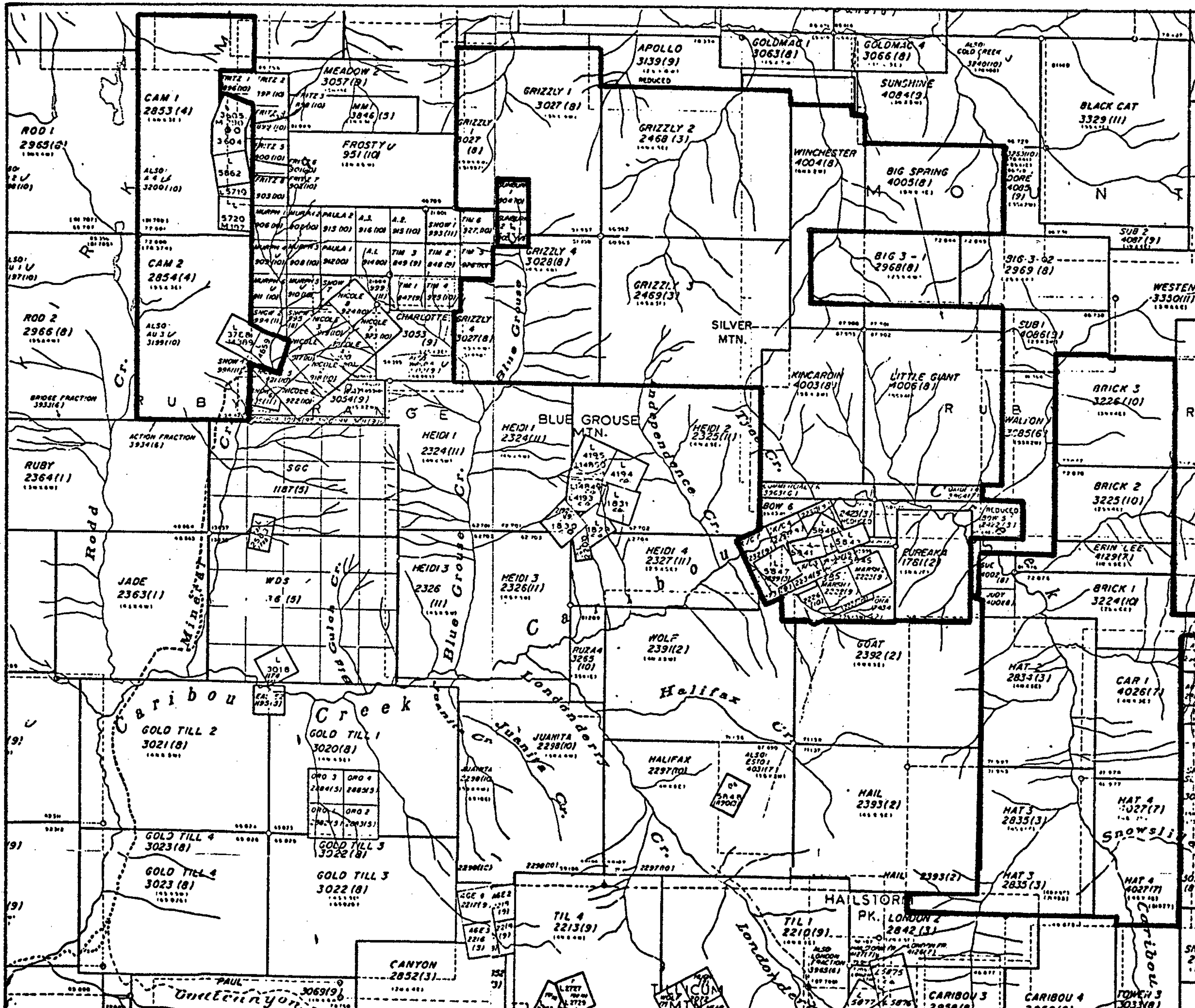
II.1 Regional Geology

The Nakusp map area consists primarily of low grade metasedimentary and metavolcanic rocks bordered on the northeast by the Kuskanax batholith and an extensive mass of "Nelson Granite" to the south. Three episodes of folding have been described by Hyndman (1968). Small, tight, isoclinal first phase folds are found in high grade metamorphic rocks of Saddle and Scalping Knife Mountains. Phase two folds deform lower grade rocks into a large east-southeast trending recumbent fold open to the southwest. This "Slocan Synclinorium" was described by Hedley (1952). The Slocan fold is truncated on the west by the north-south Rodd Creek fault. Third phase folds (coplanar to both earlier phases) deform earlier lineations. Regional metamorphic grade increases south of the Slocan synclinorium to sillimanite grade in the Valhalla Dome.

II.2 DETAILED GEOLOGY

II.2.1 Lithologies and Textures

Intermediate volcanics, sediments and mafic dykes were encountered in drilling. The dominant lithology is a grey-green, fine grained andesite which grades rapidly from homogeneously fine grained to coarsely porphyritic with hornblende and feldspar crystals. This unit is thought to be composed of multiple crystal and lithic tuffaceous layers with a rapid gradation between them. Volcanic flows could also be a part of this unit, since finer grained tuffs are difficult to distinguish from flows because of shearing and greenschist level metamorphism. The coarse hornblende crystals might represent the hydrous center of a volcanic flow; however, no flow contacts were seen.

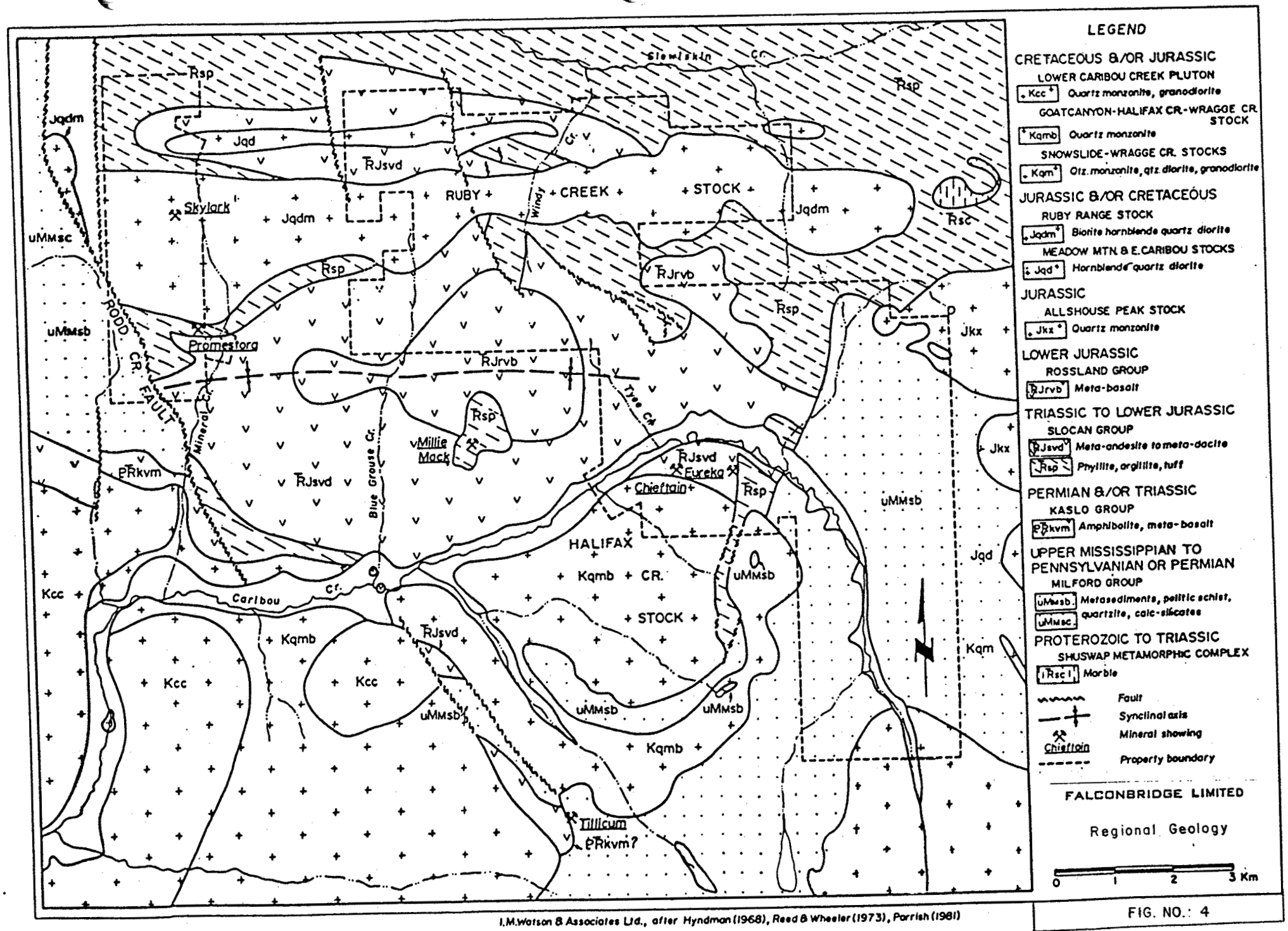


FALCONBRIDGE LIMITED

Nakusp Option

CLAIM MAP

FIG. NO.: 3



LEGEND

CRETACEOUS &/OR JURASSIC

LOWER CARIBOU CREEK PLUTON
- Kcc — Quartz monzonite, granodiorite

GOATCANYON-HALIFAX CR.-WRAGGE CR. STOCK
- Kqmb — Quartz monzonite

SNOWSLIDE-WRAGGE CR. STOCKS
- Kqm — Qtz. monzonite, qtz diorite, granodiorite

JURASSIC &/OR CRETACEOUS

RUBY RANGE STOCK
- Jqdm — Biotite hornblende quartz diorite

MEADOW MTN. & E. CARIBOU STOCKS
- Jqd — Hornblende quartz diorite

JURASSIC

ALLSHOUSE PEAK STOCK
- Jkx — Quartz monzonite

LOWER JURASSIC

ROSSLAND GROUP
- RJrvb — Meta-basalt

TRIASSIC TO LOWER JURASSIC

SLOCAN GROUP
- RJsvd — Meta-andesite to meta-dacite
- Rsp — Phyllite, argillite, tuff

PERMIAN &/OR TRIASSIC

KASLO GROUP
- pRkvm — Amphibolite, meta-basalt

UPPER MISSISSIPPIAN TO PENNSYLVANIAN OR PERMIAN

MILFORD GROUP
- uMMsb — Metasediments, pelitic schist, quartzite, calc-silicates
- uMMsc — Metasediments, pelitic schist, quartzite, calc-silicates

PROTEROZOIC TO TRIASSIC

SHUSWAP METAMORPHIC COMPLEX
- Rsc — Marble

Fault

Synclinal axis

Mineral showing — Chieftain

Property boundary

FALCONBRIDGE LIMITED

Regional Geology

0 1 2 3 Km

I.M. Watson & Associates Ltd., after Hyndman (1968), Reed & Wheeler (1973), Parrish (1981)

FIG. NO.: 4

The only sediments intersected in drill core were in DDH #2 and which were heavily sheared friable grey-black argillites. A small quartz vein occurred at the volcanic/sediment contact.

A small number of narrow mafic amygdaloidal dykes crosscut sediment and volcanics.

II.2.2 Alteration

Pervasive chloritization and carbonatization are evident within volcanics. Minor, random areas of bleaching leave the volcanics a very light grey color. Minor chlorite and clay alteration are found surrounding rare 3-7cm grey lithic fragments. Small quartz-carbonate veins (<1cm) are randomly oriented.

Disseminated pyrrhotite and pyrite are found throughout the volcanics but usually in amounts less than 1%. Pyrrhotite occurs as a partial replacement or alteration of hornblende crystals. Disseminations and minor veins of sphalerite were most prevalent within the volcanics close to the sediment contact in Drill Hole #2, but far below economic concentrations. Trace amounts of arsenopyrite usually occur as disseminations and fracture surface coatings.

III. PROPERTY WORK

III.1 Introduction

Trenching and diamond drilling were carried out on a number of precious metal/multi-element soil anomalies outlined by closely spaced contour sampling. Approximately 2.5 kilometers of new road was built on the rocky slope north of Caribou Creek and east of Tyee Creek (Fig. 9).

III.2 Road Building

A D-G Cat bulldozer, a compressor driven percussion drill and blasting materials were used in road construction. Good progress was made on the lower elevations because of loose, thick overburden but decreased higher with increasing rock outcrops. The new road starts at an elevation of 4000' and reaches a maximum of 5150' with an average grade of approximately 10 degrees. Merchantable timber felled was skidded and decked on the main logging road. After drilling had been completed and all equipment removed, water bars were constructed at selective sites along the road.

III.3 Trenching and Sampling

New road work for drill access also provided fresh outcrop in anomalous areas. Rock sampling of 2m by 2m panels along selected road cuts collected a total of 330 samples. These were analyzed at Min-En labs for 26 element ICP plus fire gold.

The purpose of panel sampling was to obtain a more representative sampling and reduce the affect of erratic gold distribution. Lithology changes and shear zones were distinguished during sampling.

Analytical Procedure - 24 Element ICP

Ag, Al, As, B, Bi, Ca, Cd, Co, Fe, K, Mg,
Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, U, V, Zn

Samples are processed by Min-En Laboratories Ltd., at 705 W. 15th Street, North Vancouver Laboratory employing the following procedures.

After drying the samples at 95 degrees C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by jaw crusher and pulverized by ceramic plated pulverizer.

1.0 gram of the samples are digested for 6 hours with HNO.3 and HC104 mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by computer operated Jarrell Ash 9000ICP Inductively coupled Plasma Analyser. Reports are formatted by routing computer dotline print out.

- Fire Gold Geochemical Analysis

Geochemical samples for fire gold were processed by Min-En Laboratories Limited, at 705 W. 15th Street, North Vancouver Laboratory employing the following procedures.

After drying the samples at 95 degrees C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 15.00 or 30.00 grams is fire assay preconcentrated.

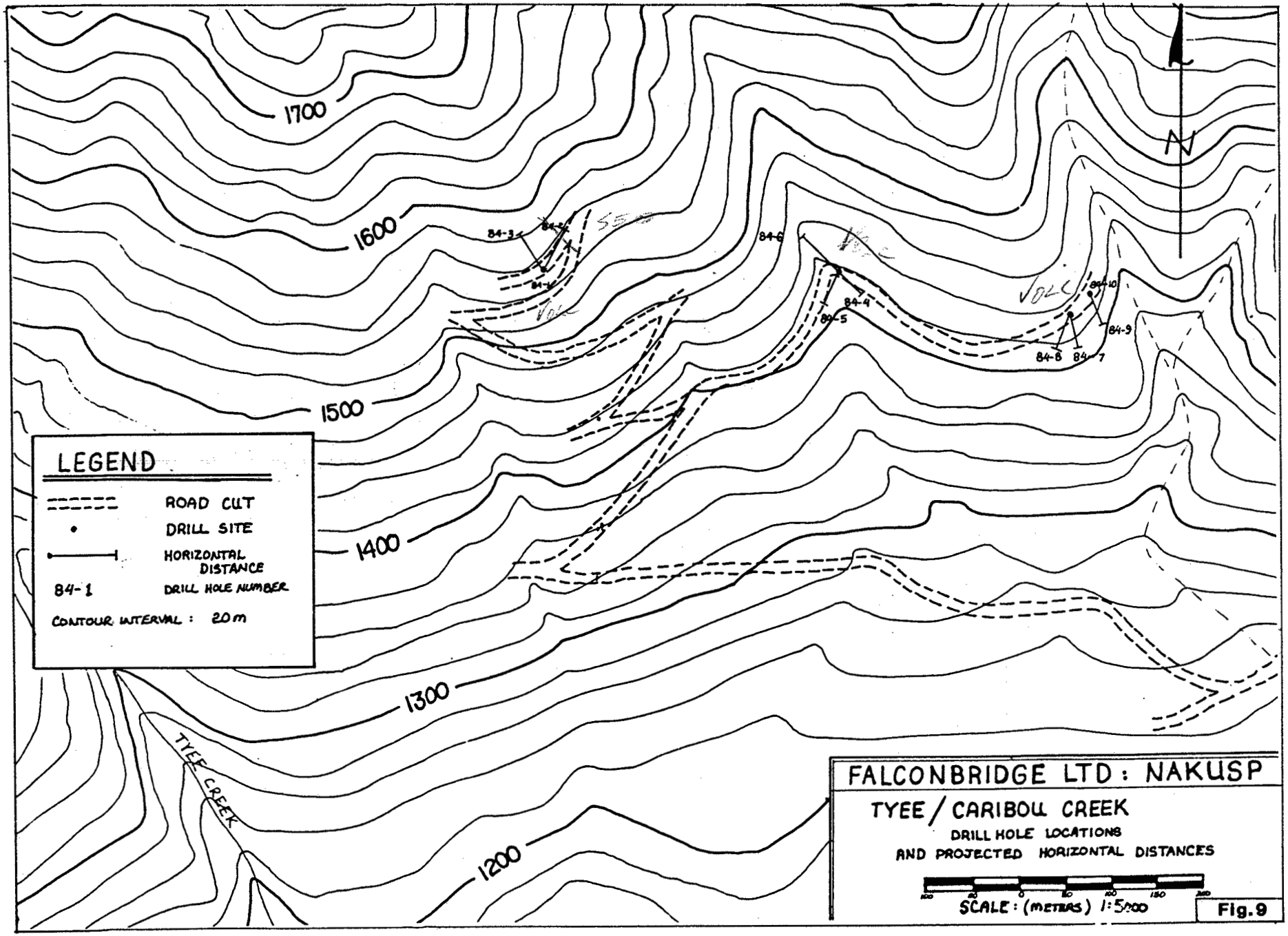
After pretreatments, the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HC1 to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with MethylIso-Butyl Ketone.

With a set of suitable standard solution, gold is analysed by Atomic Absorption instruments. The obtained detection limit is 1 ppb.

III.4 Diamond Drilling and Results

Four drill sites were constructed in the three anomalous zones


1700
1600
1500
1400
1300
1200
84-1
84-2
84-3
84-4
84-5
84-6
84-7
84-8
84-9
84-10
VOLC
TYEE CREEK
N
LEGEND
ROAD CUT
DRILL SITE
HORIZONTAL DISTANCE
84-1 DRILL HOLE NUMBER
CONTOUR INTERVAL : 20 m
FALCONBRIDGE LTD : NAKUSP
TYEE / CARIBOU CREEK
DRILL HOLE LOCATIONS
AND PROJECTED HORIZONTAL DISTANCES
SCALE : (METERS) 1:5000
Fig. 9

east of Tyee Creek. Sites were constructed to accommodate a Longyear Super 38 diamond drill mounted on 3 meter wide skids. A D-6 Cat was required to move the drill between sites with a smaller John Deere 454 Cat used for site modification and drill platform orientation. A total of 10 short holes were drilled for a total of 649 meters. The distribution of holes is shown on Figure 9, and drill hole information is listed in Table 4. Drill casing was used for only the top 3 to 4 meters of each hole and no mud was required for drilling. Two 10 hour shifts averaged 31 to 38 meter per shift. NQ core was used and all core was split on site with half sent for analysis. Maximum sample length was 2 meters. A total of 380 samples was taken.

Water was obtained from a small free flowing creek close to Drill Site #2. To reach the highest drill site, a single pump with high pressure 5-8 cm polyethylene hose pumped water up 200 vertical meters over a distance of 461 meters. All other sites were at roughly the same elevation as the water supply. Hydrofluoric acid etch dip tests were performed at the bottom of each hole.

The best gold assay results obtained were 1.12 g/tonne Au over 2.0 meters in DDH 3 and 0.95 g/tonne Au over 1.7 meters also in DDH 3. These values correlate with zones of disseminated pyrite, sphalerite and arsenopyrite as disseminations and in minor quartz-carbonate-sulphide veins.

Diamond drill hole 84-2 intersected a zone with visible sphalerite immediately above a sedimentary contact. A zone approximately 6 meters above this contact has highly anomalous values in As, Pb, Zn, Ag and Au (Appendix 3). Values in the adjoining argillites are low.

Overall drilling results confirmed the presence of anomalous gold levels detected through soil sampling. However, drilling did not encounter significantly higher gold values.

IV. SUMMARY AND CONCLUSIONS

The 1984 diamond drilling program was centred on multi-element/precious metal soil anomalies within an altered intermediate volcanic unit on the north side of Caribou Creek. Trenching/road sampling and diamond drilling revealed minor gold anomalies but of too low a grade and too small in size to be economic.

TABLE 4. NAKUSP DIAMOND DRILLING SPECIFICATIONS

Drill Hole	Depth	Corrected Angle	Bearing
DDH 84-1	62.78	88.5	Vertical
DDH 84-2	74.07	43.5	008
DDH 84-3	62.78	45.0	310
DDH 84-4	64.48	32.5	315
DDH 84-5	64.31	59.0	135
DDH 84-6	68.58	58.0	200
DDH 84-7	64.48	59.0	165
DDH 84-8	63.09	74.5	195
DDH 84-9	63.09	74.5	185
DDH 84-10	63.09	72.5	005
Total	648.75m		

V. BIBLIOGRAPHY

Hedley, M.S., 1952: Geology and Ore Deposits of the Sandon area, Slocan Mining Camp, British Columbia, B.C.D.M. Bulletin 29.

Hyndman, D.W., 1968: Petrology and Structure of Nakusp Map Area, British Columbia. Geol. Surv. Can., Memoir 308.

Parrish, R., 1981: Geology of the Nemo Lakes Belt, Northern Valhalla Range, Southeast British Columbia, C.J.E.S. 181 P944 - P958.

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Watson, I.M., 1984: Geological Report of the Silver Mountain-Hat-Chieftain Project of Nakusp Resources Ltd.

APPENDIX 1: CLAIM INFORMATION

APPENDIX 2: STATEMENT OF COSTS

STATEMENT OF COSTS - NAKUSP

I. Personnel Wages

Position Held	Name	Period	Days Total	Rate	
Manager	J. Gammon	Aug. 3 - Aug. 6/84	4	$300/day	$1200
Senior Geologist	J. Hardy	June 28 - July 2	5		
		July 6 - July 12	7		
		Aug. 3 - Aug. 6	4		
		Sept. 15 - Sept. 16	2		
		Sept. 22 - Sept. 23	2		
			20	$180	$3600
Project Geologist	K. Hicks	June 26 - Aug. 23	59		
		Aug. 26 - Sept. 9	15		
		Sept. 14 - Oct. 28	45		
			119	$ 85	$10,115
Geologist	V.Koyanagi	Sept. 14 - Oct. 28	45	$ 85	$3825
Geol. Asst.	K.Richter	July 1 - Aug. 23	54		
		Aug. 26 - Aug. 31	6		
			60	$ 50	$3000
Geol. Asst.	B. Coates	July 26 - Aug. 1	6		
		Sept. 1 - Sept. 8	8		
			14	$ 65	$ 910
Pros/ Sampler	H.Swanson	Sept. 14 - Oct. 28	45	$ 50	$2250
Pros/ Blaster	D. Murphy	Sept. 29 - Oct. 28	30	$100	$3000

Surveyor	G. Thommason	Sept. 20 - Sept. 26	7	$150	$1050

$28,950.00

II. Food and Accommodation

344 Man Days @ $35/Day for Food & Lodging at Selkirk Inn, Nakusp	$ 12,040.00	
Trailer Rental 2 Months @ $325/Month	$ 650.00	
		$ 12,690.00

III. Transportation

Truck Rental		
(1) GMC 4x4 4 Months @ $1100/Month	$ 4,400.00	
Fuel, Repairs, Maintenance	$ 2,975.00	
(1) Chev 4x4 1 Month @ $1100/Month	$ 1,100.00	
Fuel, Repairs, Maintenance	$ 744.00	
Air Fare	$ 1,247.40	
Helicopter 25 Hrs. @ $415/Hr Inclusive	$ 10,373.45	
		$20,839.85

IV. Field Equipment

Tents, Backpacks, Sample Bags, etc.	$ 3,600.00	
		$ 3,600.00

V. Geochemical Analyses

1. Soils: Analyzed for 26 Element ICP + F.A.A. Gold 2656 Samples @ $14.85	$ 39,441.60	
2. Rock & Drill Core: 26 Element + F.A.A. Gold 753 @ $17.00	$ 12,801.00	
3. Rock: Assayed For Cu, Pb, Zn, Au, Ag 24 @ $34.00	$ 816.00	
Shipping Costs	$ 1,000.00	
		$54,058.60

VI. Contracts

Geochemistry (34 Man Days)	$ 4,870.66	
Road Building 2.5 km	$ 34,781.00	
Diamond Drilling (678 Meters) @ $57.72 / m.	$ 39,134.25	
		$ 78,785.

VII. Maps, Reproductions & Airphotos

New Metric Base Maps 1:5000, 1:10,000	$ 14,469.00	
Reproductions	$ 1,635.21	
AirPhotos	$ 500.00	
		$ 16,604.

VIII. Report Preparation, Drafting

15 Days @ $85.00	$ 1,275.00	
		$ 1,275.

TOTAL EXPENDITURES $216,803

COST BREAKDOWN

Specific activities and expenses such as soil and rock sampling, road building and diamond drilling are allocated to a specific claim group, while other expenses such as transportation, wages and field expenses are divided proportionately between the groups.

CAM Group - 33 Units

Wages		
33 / 309 X $ 28,950 =	$ 3,092	
Food and Accommodation		
33 / 309 X $ 12,690 =	$ 1,355	
Transportation		
33 / 309 X $ 20,839.85 =	$ 2,226	
Field Equipment		
33 / 309 X $ 3,600 =	$ 384	
Samples		
13 Rock Geochem @ $17 =	$ 221	
Maps, Reporductions and Airphotos		
33 / 309 X $ 16,604.21 =	$ 1,773	
		$ 9,051

Grizzly Group - 98 Units

Wages		
98 / 309 X $ 28,950 =	$ 9,181	
Food and Accommodation		
98 / 309 X $ 12,690.00 =	$ 4,025	
Transportation		
98 / 309 X $ 20,839.85 =	$ 6,609	
Field Equipment		
98 / 309 X $ 3,600 =	$ 1,142	

Brick Group - 83 Units

Wages	
83 X $ 28,950 =	$ 7,776
309	
Food and Accommodation	
83 X $ 12,690 =	$ 3,409
309	
Transportation	
83 X $ 20,839.85 =	$ 5,598
309	
Field Equipment	
83 X $ 3,600 =	$ 967
309	
Samples	
6 Soil @ $14.85 =	$ 89.10
Maps, Reproductions and Airphotos	
83 X $ 16,604.21 =	$ 4,460
309	
	$22,299.10

Samples

650 Soils @ $14.85 =	$ 9,652	
735 Rock Geochem @ $17.00 =	$12,495	
Shipping Costs =	$ 400	
Contracts		
Geochemistry 1 X $ 4,870.66 = 3	$ 1,624	
Road Building =	$34,781.00	
Diamond Drilling =	$39,134.25	
Maps, Reproductions and Airphotos		
98 X $ 16,604.21 = 309	$ 5,266	
		$124,309

Little Giant Group - 95 Units

Wages		
95 X $ 28,950 = 309	$ 8,900	
Food and Accommodation		
95 X $ 12,690.00 = 309	$ 3,901	
Transportation		
95 X $ 20,839.85 = 309	$ 6,407	
Field Equipment		
95 X $ 3,600 = 309	$ 1,107	
Samples		
2000 Soil Samples @ $14.85 =	$29,700	
5 Rock Geochem @ $17.00 =	$ 85	
24 Rock Assays @ $34.00 =	$ 816	
Shipping Costs =	$ 600	
Contracts		
Geochemistry 2 X $ 4,870.66 = 3	$ 3,247	
Maps, Reproductions and Airphotos		
95 X $ 16,604.21 = 309	$ 5,105	
		$59,868

APPENDIX 3

DIAMOND DRILL HOLE SECTIONS

& DIAMOND DRILL LOGS

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar	-90.0	
EOH 206.0	-88.5	

PROPERTY NAKUSP
Location
Elevation 1566.10 M @ COLLAR
Coordinates 5544,311.21 N
450,791.48 E

Length 206.0 FEET
Hor. Comp. 0 / Vert Comp. 206.0
Bearing VERTICAL
Begun OCT 12, 1984 / Completed OCT 13/84
Core size NQ / Recovery %

HOLE No: DDH 84-1 Page # 1
Sheet 1 1 of 6
Logged by K. HICKS
Sampled by W. SWANSON
Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y	RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
					6 FEET OF CASING										
6.0'	12.5'				LT GREY, M.G., PORPHYRITIC HB + PX + FELDSPAR INTERM VOLC. MED GREY MATRIX. GRAIN SIZES < 1 MM IN MATRIX TO > 7 MM PHENOCRYSTS. SLIGHT CARBONATE ALTERATION OF FELDSPAR PHENOCRYSTS (WEAKLY FIZZY). OVERALL WEAKLY MAGNETIC.				6.0'						
					HB + PX ~ 18%										
					FELDSPAR ~ 75%			23001		2.0'	37	16	73	0.9	0.01
					CHLORITE ~ 4%										
					CALCITE ± 1%										
					SULPHIDES ~ 1%										
					WEAK ALTERATION OF MAFIC PHENOCRYSTS TO CHLORITE. PERVASIVE CARBONATE (CALCITE) ALTERATION THROUGHOUT WITH OCCASIONAL PATCHES (< 1%). MODERATE HAIRLINE FRACTURING WITH OCCASIONAL SULPHIDE COATING				8.0'						
					INDIVIDUAL GRAIN BOUNDARIES IN MATRIX DIFFUSE AND DIFFICULT TO IDENTIFY										
					SULPHIDES: Py - < 1% ALONG FRACTURES AND AS BLEBS WITHIN ALTERED MAFIC PHENOCRYSTS; ALSO AS MINOR DISSEM			23002		4.5'	110	19	89	0.8	0.02
					Py - < 1% AS DISSEMINATIONS										
					Aspy - TRACE RARE, DIAMOND CRYSTALS										
					LT BLUE-GREEN-GREY, PORPHYRITIC HB + PX + FELDSPAR VOLCANIC. MAFIC PHENOCRYSTS COMPLETELY ALTERED TO CHLORITE WITH ONLY FAINT CRYSTAL BOUNDARIES REMAINING. MATRIX CONSISTING PRIMARILY OF V.F.G. FELDSPARS, TAN COLORED WITH WK-MOD ALTERATION TO SERICITE				12.5'						
					FELDSPAR - 85%										
					CHLORITE - 10%										
					QUARTZ + CARBONATE IN SMALL VEINS WITH MINOR CHLORITE & SULPHIDES										
					16.5' SMALL 1CM QTZ VEIN // TO AXIS OF CORE WITH MINOR BRECCIATION ON EDGES. FG. DISSEMINATED Aspy ~ 1-2% IN VEIN AND ASSOCIATED WALLROCK			23003		6.5'	3390	43	100	1.7	0.18

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1566.10
Coordinates 5541, 311.21 N
450, 791.48 E

Length 206.0'
Hor. Comp. / Vert Comp.
Bearing VERTICAL
Begun /Completed
Core size /Recovery %

HOLE No. DDH 84-1 Page # 2
Sheet 2 of 6
Logged by K. HICKS
Sampled by H. SWANSON
Driller BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag.	Au.
				SULPHIDES: py <1% } AS DISSEMINATIONS po <1% } As_2Py - Te ASSOCIATED WITH Q-C VEIN									
				GRADATIONAL CONTACT BETWEEN THIS AND PREVIOUS ROCK TYPE - ONE POSSIBLY MORE ALTERED VERSION OF OTHER									
18.5'	24.5'			BLEACHED WHITE-TAN COLOR WITH RUSTY STAIN ALONG FRACTURES. ALTERED SERICITIC TAN COLORATION OF FELDSPAR PHENOCRYSTS 4-5 MM. HOST ROCK AS ABOVE				19.0						
							23004		4.5'	40	28	174	0.5	0.07
								23.5'						
24.5'	43.5'			F/G MED BLUE-GREY PORPHYRITIC FELDSPAR VOLC. CHLORITE BLEBS (AFTER MAFICS?). TRACE DISSEM PO. QTZ-CARB VEIN @ 31.3' 3% PO, 2% SP, <1% PY			23005		5.5'	77	35	242	0.6	0.03
								29.0'						
							23006		2.0'	73	1250	5680	14.8	0.23
								31.0'						
							23007		7.0'	0	30	248	1.4	0.20
								38.0'						
43.5'	46.0			AS ABOVE BUT WITH HB+PX PHENOCRYSTS UP TO 8MM. MAFICS PARTIALLY ALTERED TO CHLORITE. CALCITE IN MINOR VEINS UP TO 5MM. PORPHYRITIC FELDSPAR STILL EVIDENT TRACE PO, <1% DISS PY			23008		5.5'	554	32	133	0.7	0.09
								43.5'						
							23009		2.5'	167	22	90	0.2	0.02
								46.0'						
46.0'	46.8'			MED-LT GREY, BLEACHED VOLCANIC, FELDSPAR PHENOCRYSTS BUT NO VISIBLE HB OR PX (COMPLETELY ALTERED?) 1 CM Q-C VEINS @ 45° TO AXIS WITH 2-4% DISS PY <1% PO. MINOR GOUGE ON EDGE SURFACES			23010		1.8'	9	47	134	1.0	0.01
								47.8'						
46.8'	50.5'			PX-HB-FELDSPAR PORPHYRY WITH F/G. MATRIX. COARSENS BETWEEN 49.0-52.5'. MAFICS PROMINENT BETWEEN 50.8' AND 51.4', OTHERWISE MODERATE TO COMPLETELY ALTERED TO CHLORITE. WK BUT PERVASIVE CARBONATE ALTERATION <1% DISSEM PY, INCREASE IN PO TO ~1% AS DISSEM AND WITH MAFICS MINOR QTZ VEINS <0.5 CM @ 45° TO AXIS.										
50.5'	50.8'			AS ABOVE WITH GRADATION FROM WK TO NEGLIGIBLE CHLORITIC ALTERATION OF HB+PX. DISS PO ~1%			23011		4.6'	31	25	82	1.1	0.34
50.8'	51.5'			AS ABOVE BUT HB+PX COMPLETELY CHLORITIZED, GIVING MATRIX MORE GREEN APPEARANCE. DISS PO ~1%										
51.5'	51.8'			WK TO NEGLIGIBLE ALTERATION OF MAFICS. DISS PO ~1%										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1566.10
Coordinates 5344, 311.21 N
450, 791.48 E

Length 206.0'
Hor. Comp / Vert. Comp.
Bearing VERTICAL
Began / Completed
Core size / Recovery %

HOLE No. DDH 84-1 Page # 3
Sheet 3 of 6
Logged by K. HICKS
Sampled by N. SWANSON
Driller REDPATH

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag.	Au.
				51.8'-68.5' GREENISH INTERM VOLC, MAFICS COMPLETELY CHLORITIZED WITH ONLY FAINT REMNANT GHOSTS. FELDSPAR PHENOCRYSTS INDISTINCT. DISS Pŷ N 1%, PO:Py ~ 2:1. OVERALL WK TO NO FIZZY. MINOR QTZ+CARB VEINS < 1CM @ 45° TO AXIS WITH MINOR Pŷ				52.4						
							23012	53.8	1.4'	0	17	64	0.2	0.03
							23013	57.3	3.5'	53	29	57	1.1	0.14
				68.5'-71.5' MAFICS COMPLETELY ALTERED TO CHLORITE BUT CRYSTAL OUTLINES SHARP			23014	63.7	6.4'	25	35	107	1.1	0.01
				71.5-76.0' GREEN-GREY INTERM VOLC, DIFFUSE COMPLETELY CHLORITIZED MAFICS			23015	69.9	6.2'	0	24	89	1.0	0.02
				76.0-80.0' MED GREY-GREEN INTERM VOLC, F.G. FELDSPAR & HB+PX PHENOCRYSTS (MAFICS → CHL 100%). MAXIMUM 1-3 MM. MINOR QTZ FILLED FRACTURES. DISS PY < 1%			23016	76.0	7.1'	77	34	58	1.9	0.03
							23017	82.0	6.0'	5	132	60	3.2	0.02
				80.0-84.0' AS ABOVE BUT SLTLY COARSER PHENOCRYSTS 5-6 MM. MAFICS → CHL 100%. FELDSPARS FRESH BUT NOT SHARP CRYSTAL BOUNDARIES. DISS Pŷ < 1%; PY - TRACE			23018	88.0	6.0'	0	29	77	1.0	0.01
				84.0-87.5' AS ABOVE, FELDSPAR PHENOCRYSTS SMALL AND INDISTINCT										
				87.5'-88.5' SMALL SECTION WITH ONLY WEAK CHLORITE ALTERATION OF MAFICS. LIGHTER COLORED MATRIX										
				88.5-90.5' AS ABOVE BUT MOD CHLORITIZATION OF MAFICS GIVING GREENISH COLOR			23019	94.6	6.6'	0	38	106	1.0	0.01
				90.5-91.5 WK ALTERATION OF MAFICS (HB+PX), LIGHTER COLORED MATRIX										
				91.5-95.0 AS BEFORE MED GREY-GREEN, MAFICS → CHL 100%, FELDSPAR PHENOCRYSTS INDISTINCT										
				95.0-95.5' LT TAN-GREY, BLEACHED, F.G., NO VISIBLE PHENOCRYSTS F.G. Py ~ 1%										
				95.3' MINOR 1CM FAULT GOUGE @ 90° TO CORE. TRACE OF BRIGHT GREEN ALTERATION MINERAL, PYROPHYLLITE?										
				95.5'-97.5' PORPHYRITIC FELDSPAR, HB+PX INTERM VOLC., MAFICS → CHL ~ 50%. PHENOCRYSTS TO 10 MM			23020		8.4'	1	38	115	1.1	0.03
				97.5-102.5 GREY-GREEN INTERM VOLC., MAFICS → CHL 100%, INDISTINCT FELDSPAR PHENOCRYSTS. F.G. FELDSPAR IN MATRIX. ALTERING TO SERICITE										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1766.10 M
Coordinates 5944, 311.21 N
450, 791.48 E

Length 206.0
Hor. Comp / Vert. Comp.
Bearing VERTICAL
Begun /Completed
Core size /Recovery %

HOLE No. DDH 84-1 Page # 4
Sheet 4 of 6
Logged by K. HICKS
Sampled by N. SWANSON
Driller BEAUDRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	From	To	W	ASSAYS As	Pb	Zn. %	g/mt. Ag.	Au.
				102.5 LARGE 5 CM CARB + SULPHIDE VEIN @ 20°. CALCITE 95% SP+PY N 5%. TRACE AMOUNT OF V.F.G. SHINY METALLIC MINERAL WITH SP (GALENA?). TRACE CPY. SULPHIDES PRIMARILY AT VEIN SELVAGE AS PATCHES				103.0						
				102.5 - 104.5 LT GREY BLEACHED INTERM VOLC. HB+PX GHOSTS COMPLETELY REPLACED BY CHL. SERICITIC FELDSPARS. F.G. PY ~1%			23021	103.0	104.6	1.6'	62	612	3230	7.4	0.05
				104.5 - 113.8 MED BLUE-GREY PORPHYRITIC FELDSPAR, HB+PX INTERM VOLC. MAFICS → CHL 100%, FELDSPARS INDISTINCT. MINOR DISS PO & PY PRIMARY PO IN SMALL QTZ VEINS @ 50° TO AXIS			23022	104.6	111.2	6.6'	4	25	116	0.8	0.02
				113.8 - 125.6 PORPHYRITIC FELDSPAR - CHL (AFTER HB+PX) INTERM VOLC. FELDSPAR PHENOCRYSTS TO 0.3 CM, MAFICS TO 0.7, MATRIX V.F.G. GREY-BLUE ABDT MICROFRAC. DISSEM PO < 1%			23023	111.2	117.8	6.6'	86	118	414	2.9	0.17
				125.6 MINOR QTZ VEINS TO 1CM. 2% SP, 2% PY, PO < 1%			23024	117.8	124.6	6.8	117	76	146	2.4	0.42
				128.0 - 133.0 INTERM VOLC, DECREASE IN CHL, INCREASE IN BLEACHING. DISS PY < 1%, LESSER DISS PO. INCREASED SIZE OF FELDSPAR PHENOCRYSTS			23025	124.6	126.0	1.4	1600	375	1500	5.7	0.34
				133.0 - 133.5 BLEACHED VOLC, DISS PY < 1%, V.F.G. SULPHIDES, BLACK ~1% CARB FRAC @ 70°. TR CHL, TALC ON PYROPHYLLITE			23026	126.0	128.5	2.6'	1930	68	166	1.4	0.24
				133.5 - 134.0 QTZ-CARB-BRECCIATED VEIN, PY 1-2% AS PATCHES OR DISSEM			23027	128.5	132.4	3.8'	685	84	127	1.8	0.18
				134.0 - 139 BLEACHED VOLC WITH OXIDIZED V.F.G. PY, MINOR TALC ON PYROPHYLLITE SPECKS. FELDSPAR PHENO TO 10 MM			23028	132.4	133.4	1.0'	44	23	77	1.0	0.03
				139.0 QTZ-CARB VEIN @ 25° PY ~5%			23029	133.4	139.0	5.6'	20	30	63	0.6	0.10
				140.0 - 142.5 WEAKLY BLEACHED VOLC. CHLORITIZED MAFICS. DISS PY ~1% QTZ-CARB FILLED FRAC. MINOR TALC & PYROPHYLLITE			23030	139.0	140.0	1.0'	2	25	83	0.3	0.12
				142.5 CARB-CHL VEIN. TR DISS PY			23031	140.0	144.0	4.0'	13	34	98	0.7	0.19
				143.0 - 148.1 BLEACHED PORPH FELDSPAR, CHL (AFTER HB & PX) INTERM VOLC. DISS PY ~1%. MINOR TALC SPECKS			23032	144.0	149.3	5.3'	61	36	163	1.8	0.37
				148.1 - 150.3 LESSER CHLORITE, STILL FELDSPAR PHENOCRYSTS. MINOR QTZ-CARB VEINS & FRAC. DISS PY ~1%			23033	149.3	150.3	1.0'	137	158	189	2.8	0.26

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1566.10
Coordinates 5544, 311.21 N
450, 791.48 E

Length 206.0'
Hor. Comp. / Vert Comp.
Bearing VERTICAL
Begun /Completed
Core size /Recovery %

HOLE No. DDH 84-1 Page #
Sheet 5 of 6
Logged by K. HICKS
Sampled by H. SWANSON
Driller BEAUPRE

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500
				151.0 – 170.5 LT GREEN-GREY INTERM PORPHYRITIC FELDSPAR, CHL VOLC FELDSPARS 2-3 MM ALTERING TO SERICITE, CHL – TALC? GHOSTS OF MAFICS. DISS PO + PY ~2% RARE SMALL BLACK CRYSTALS (SUBHEDRAL TO ANHEDRAL) CHROMITE?		
				152.5 2 CM WIDE Q-C + SULPHIDE VEIN @ 35° · QUARTZ 70% CALCITE 25% PY 5%		
				153.2' SMALL 1 CM CARB VEIN @ 65°		
				155.5' LARGE 7 CM Q-C + SULPHIDE VEIN @ 25° · 2-3% PY, ~1% PO, <1% CPY AT SELVAGES, CALCITE 85% QUARTZ 10%		
				162.5 – SMALL 1 CM Q-C + SULPHIDE VEIN, ERRATIC ORIENTATION PY 10% QTZ CARB 90% · NUMEROUS SMALL VEINS AND PATCHES OF Q-C TO 165.0' WITH DISS PO + PY ~3-4%. RARE GREEN, V. SOFT PATCHES OF TALC OR PYROPHYLLITE COMMONLY ASSOCIATED WITH SMALL SUBHEDRAL DK BROWN-BLACK GRAINS (CHROMITE?)		
				170.5 – 177.5 LT GREY-GREEN PORPHYRITIC FELDSPAR, HB+PX VOLCANIC · MAFICS COMPLETELY ALTERED TO CHLORITE · INDISTINCT CRYSTAL SHAPES AND BOUNDARIES. MAFIC GHOSTS TO 10 MM. DISS PY <1%		
				177.5' – 178.0 AS ABOVE WITH LARGER WHITE FELDSPAR PHENOCRYSTS · GRADING FROM COMPLETELY CHLORITIZED MAFICS TO ONLY PARTIALLY ALTERED WITH WEATHER MATRIX		
				178.0 – 182.0 AS ABOVE WITH MOD TO COMPLETE CHLORITIZATION OF MAFICS. 178.5 SMALL 1 CM Q-C + SULPHIDE VEIN @ 30° · QUARTZ 30%, CARB 30%, SP 30% CHL 10%		
				182.0 – 189.5 GREENISH-BLACK FELDSPAR CRYSTAL TUFF OR PORPHYRITIC VOLCANIC · FELDSPARS PARTIALLY REPLACED BY PX · PLANAR ALIGNMENT OF FRAGMENTS OR PHENOCRYSTS @ 90-45° TO CORE AXIS · DISTINCT BUT GRADATIONAL CONTACTS		
				189.5 – 189.5 AS BEFORE, LT GRAY-GREEN PORPHYRITIC FELDSPAR, HB+PX VOLC · MAFICS → CHL 50-100% · DISS PY ~2%, MAFICS TO 5MM · FELDSPARS < 3 MM		
				189.5 – 190.0 AS ABOVE, MINOR TALC OR PYROPHYLLITE ASSOCIATED WITH HB OR PX, MINOR Q-C IN FRAC & VEINS		

SAMPLES No.	From	To	W	ASSAYS As.	Pb.	Zn.	g/mt. Ag.	Au.
		151.7						
23035			1.5'	72	72	118	2.0	0.35
		153.2						
23036			1.4'	89	125	336	2.6	0.30
		154.9						
23037			1.2'	71	526	619	10.0	0.41
		156.1						
23038			6.7'	77	96	177	1.7	0.37
		162.8						
23039			2.6'	224	300	464	5.1	0.88
		165.4						
23040			6.6'	52	57	201	0.7	0.56
		172.0						
23041			6.2'	49	57	95	0.4	0.41
		178.2						
23042			1.1'	2	34	78	0.4	0.05
		179.3						
23043			3.0'	12	32	89	0.6	0.24
		182.3						
23044			2.1'	56	68	84	1.4	0.15
		184.4						
230:45			6.2'	37	40	99	0.6	0.14

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1566.10 M
Coordinates 5544,311.21 N
450,791.48 E

Length 206.0'
Hor. Comp. / Vert. Comp.
Bearing VERTICAL
Begun /Completed
Core size /Recovery %

HOLE No. DDH 84-1 Page II
Sheet 6 of 6
Logged by K. HICKS
Sampled by H. SWANSON 48 SAMPLES
Driller BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE
				190.0 – 192 AS ABOVE, BLEACHED, MINOR CARB + CHLORITE VEINS. TR DISS PY	
				192.0 – 196 AS ABOVE, CHLORITE ~ 3MM, FELDSPARS ~ 1MM	
				196.1 – 206.0 PORPHYRITIC FELDSPAR, HB + PY VMC, MAFICS ONLY WEAK/ ALTERED TO CHLORITE. PY IN VEINS UP TO 9MM. ABNT CARB FILLED FRACTURES	
				202.0 Q–C + CHL VEIN 1.5CM, BRECCIATED @ 55°	
				DISS PY ~ 1% THROUGHOUT	
				EOH	

GRAPHIC 1:500

SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
	190.6						
23046	192.4	1.8'	25	40	69	0.4	0.10
23047	199.0	6.6'	2	33	61	0.9	0.01
23048	203.0	4.0'	1	77	87	1.4	0.01
23049	206.0	3.0'	6	22	65	0.4	0.03

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar	-45.0	008°
EOH 243.0'	-43.5	

PROPERTY NAKUSP
Location
Elevation 1566.10 Metres
Coordinates 5544, 311.21 N
450, 791.48 E

Length 243'
Hor. Comp. / Vert Comp.
Bearing 008° DIP: -45°
Begun OCT 14, 1984 / Completed OCT 15
Core size NQ / Recovery %

HOLE No. DDH 84-2 Page #
Sheet 1 of 5
Logged by K. HICKS
Sampled by H. SWANSON
Driller BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As %	Pb %	Zn. %	g/mt. Ag.	Au.
				10 FEET OF CASING										
				10.0'-12.0' LT BLUISH-GREY PORPHYRITIC HB+PX 'DACITIC VOLC.?. HB & PX ALTERED TO CHL IN VARIOUS DEGREES FROM 50-100%. GROUNDMASS IS LT GREY WITH NO OBVIOUS GRAINS. FIRST 10-12' OF CORE IS FRACTURED WITH RUSTY WEATHERING RIND. MINOR DISS Pb & Py. POSSIBLE TR CPY				10.0'						
							23050		2.0'	310	22	92	0.4	0.02
				12.0'-19.5' LT BLUE-GREY-GREEN INTERM VOLC AS ABOVE, MAFIC PHENOCRYSTS LARGER (TO 10 MM), STILL MOD ALTERED TO CHLORITE BUT LESS THAN ABOVE. SMALL (<1 MM) EUHEDRAL FELDSPAR PHENOCRYSTS VISIBLE. LARGE ~10 MM WHITE ANHEDRAL PATCHES WITH SMALL EUHEDRAL CRYSTALS WITHIN. SCATTERED DISTRIBUTION. OVERALL MATRIX LIGHTER PROBABLY DUE TO LESSER ALTERATION OF HB & PX TO CHL. ANHEDRAL PATCHES HAVE SERICITIC ALTERATION RIM AT EDGES. DISSEM AsPy DOMINANT BUT STILL ≤ 1% TR Py				12.0'						
							23051		6.6'	650	19	74	0.4	0.02
								18.6'						
							23052		6.6'	530	19	69	0.4	0.01
				19.5'-28.5' MED GREY PORPHYRITIC FELDSPAR, HB+PX INTERM VOLC. FELDSPARS FAINT BUT EUHEDRAL. MAFICS MODERATELY ALTERED TO CHL, GHOSTS UP TO 15 MM				25.2'						
							23053		6.6'	117	27	50	0.7	0.05
				28.5'-33.0' AS ABOVE BUT INCREASE IN DISSEM Pb 1-2%. DISS Py ≤ 1%				31.8'						
							23054		4.4'	528	23	130	0.6	0.01
				33.0'-35.0' RELATIVELY UNALTERED PORPHYRITIC HB+PX INTERM VOLC. MAFIC PHENOCRYSTS TO 10 MM. GREENISH-GREY MATRIX. Py ≤ 1% Pb ≤ 1% AsPy - Tr				36.2'						
							23055		1.7'	605	36	256	0.3	0.12
				35.0'-40.0' AS ABOVE BUT MAFICS → CHL 80-100%. FAINT FELDSPAR PHENOCRYSTS 3-9 MM. LT GREY MATRIX				37.9'						
							23056		6.6'	137	28	121	0.9	0.01
				40.0'-45.0' AS ABOVE BUT COARSELY PORPHYRITIC. MAFICS → CHL 50%. FELDSPARS ANHEDRAL TO EUHEDRAL, UP TO 10 MM. MAFIC GHOSTS UP TO 15 MM				44.5'						
				45.0'-47.5' F.G. MED GREY SLT PURPLISH TINGE IN VOLC, FAINT FELDSPAR PHENOCRYSTS. MINOR Py. POSSIBLE CONTACT BETWEEN THIS & PREVIOUS ROCK TYPE. SHARP PENCIL LINE CONTACT @ 55° (FLOW CONTACT?)										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1566.10 M
Coordinates 5544, 311.21 N
450, 791.48 E

Length 243'
Hor. Comp. / Vert Comp.
Bearing 008° -45°
Begun OCT 14 / Completed OCT 15
Core size NQ / Recovery %

HOLE No. NDH 84-2 Page #
Sheet 2 of 5
Logged by KEN HICKS
Sampled by H. SWANSON
Driller BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y	RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As%	Pb	Zn	g/mt. Ag.	Au.
					47.5 - 49.5' LT GREEN-GREY PORPHYRITIC FELDSPAR HB+PX INTERM VOLC. MAFICS COMPLETELY CHLORITIZED AND FAINT, FELDSPARS SUBHEDRAL TO ANHEDRAL. MINOR Py & Pθ. TR AsPy.			23057		6.6'	439	45	163	1.3	0.02
									51.1'						
					49.5 - 53.0' F.G. MED GREY - SLTLY PURPLISH VOLC AS BEFORE. MAFIC PHENOCRYSTS → CHL 100%, FAINT OUTLINES. FAINT SUBHEDRAL FELDSPAR PHENOCRYSTS. MATRIX VARIABLE FROM WHITE - GREEN - MED GREY - PURPLISH WITH LIGHTER COLORED MATRIX ASSOCIATED WITH LESS ALTERED MAFICS. PENCIL SHARP COLOR CHANGE BETWEEN LT GREEN & PURPLISH TINGE @ 65-70° TO AXIS. POSSIBLE FLOW CONTACT? MINOR Py, Pθ. TR AsPy			23058		6.6'	501	64	225	1.1	0.01
									57.7						
					53.0 - 57.0' LT GREY, BLEACHED PORPHYRITIC HB+PX INTERM VOLC. NO DISTINCT FELDSPAR PHENOCRYSTS. MAFICS WK TO MOD CHLORITIZED. MINOR Py			23059		6.6'	1020	136	283	1.6	0.15
									64.3						
					57.0' - 71.0 MED GREY-GREEN WITH FAINT FELDSPAR PHENOCRYSTS & CHLORITIZED HB+PX PHENOCRYSTS. MINOR Py, MINOR AREAS OF LT GREEN, SOFT ALTERATION (TALC OR PYROPHYLLITE) NEAR FRACTURES. SPARCE, DISCONTINUOUS Q-C FRACTURES & VEINS			23060		6.6'	145	37	122	1.2	0.10
									70.9						
					71.0 - 72.0 AS ABOVE BUT MAFICS ALTERED ONLY 50%. LARGER 2-8 MM ANHEDRAL FELDSPARS. LT GREY MATRIX			23061		6.6'	8	24	129	1.3	0.01
					72.0 - 73.0 MED GREY INTERM VOLC AS ABOVE										
					73.0 - 75.0 COARSE HB+PX PHENOCRYSTS 50% → CHL										
									77.5						
					75.0 - 84.0 MED GREY INTERM VOLC AS ABOVE, CHLORITIZED MAFICS, FAINT FELDSPARS. "SALT & PEPPER APPEARANCE". MAFICS → CHL 90% DISS Pθ & Py 1-2%			23062		6.6'	11	25	170	1.1	0.03
									84.1						
					84.0 - 88.5 AS ABOVE BUT NO OBVIOUS FELDSPARS PHENOCRYSTS VISIBLE (ALTERED COMPLETELY?)										
					88.5 - 90.0 V. LT GREY, BLEACHED INTERM VOLC WITH RARE TRANSLUCENT EUHEDRAL FELDSPAR PHENOCRYSTS			23063		6.6'	15	27	99	0.8	0.24
									90.7						
					90.0 - 95.0 MED GREEN-GREY, CHLORITIZED MAFICS, LT GREY FELDSPAR MATRIX. DISS Py ~ 1%. DISS Pθ ≤ 1%										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1966.10
Coordinates 5544, 311.21 N
450, 791.48 E

Length 243'
Hor. Comp / Vert Comp.
Bearing 008° -45°
Begun /Completed
Core size /Recovery %

HOLE No. DDH 84-2 Page #
Sheet 3 of 5
Logged by K. HICKS
Sampled by
Driller

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500
				95.0' - 114.5' MED GREY - GREEN PORPHYRITIC INTERM VOLC. MAFICS COMPLETELY CHLORITIZED, FELDSPAR PHENOCRYSTS FAINT, RARELY EUHEDRAL AND LESS THAN 3 MM. MINOR SECTIONS BLEACHED TO LT GREY. DISS PO & PY 1-2% MAX. MINOR 0.5 CM CALCITE VEIN WITH MINOR PY PATCHES		
				114.5 - 133.5 AS ABOVE WITH MINOR SECTION OF DARK MODERATE CHLORITIZATION OF MAFICS AND ASSOCIATED LIGHTER COLORED MATRIX @ 128.5'		
				133.5 - 153.5 AS ABOVE WITH MOD CHL AND GRADATION IN COLOR FROM LT GREEN-GREY TO LIGHT GREY		
				153.5 - 159.0 LT GREY - WHITE BLEACHED VOLCANIC, NO VISIBLE MAFICS OR CHLORITE, SERICITIZED FELDSPARS. MINOR SPECKS OF PY ≤ 1%		
				159.0 - 167.7' LT GREY - LT GREEN INTERM VOLC, MAFICS COMPLETELY CHLORITIZED AND DIFFUSE. FELDSPARS PARTIALLY SERICITIZED. MINOR DISS PO & PY 155.0-160.0 2 CM FLAT LYING QTZ VEIN WITH MINOR CARB & SHLPH. PATCHES OF PO WITH MINOR CPY. PO ~ 1-2%, CPY - TR. CALCITE 5-10% ON SELVAGE. MINOR CHL IN WALLROCK NEAR SELVAGE		
				167.7' - 180.0 MED - DK GREY PORPHYRITIC FELDSPAR, HB + PX SILICIFIED INTERM VOLC. MAFICS → CHL 25% . SMALL (1-3 MM) FAINT FELDSPAR PHENOCRYSTS. POSSIBLE FLOW CONTACT WITH PREVIOUS SECTION. CONTACT MARKED BY 1 CM QTZ + SULPHIDE VEIN @ 40° TO AXIS (V.F.G. Py 5%, PO 5%, CPY: 1% SILICIFIED VOLC CONSIDERABLY HARDER THAN PREV. LT GREEN-GRY VOLC. GREY MATRIX OF V.F.G. QUARTZ + FELDSPAR 169.0' SMALL 1CM QTZ VEIN WITH MINOR CHL SELVAGE @ 45° TO AXIS 170.0 1 CM QTZ + CHL VEIN WITH MINOR PO & PY, LESSER CPY @ 45° 170.5 1CM QTZ + CHL VEIN @ 50° 172.5 1 CM QTZ + CHL + PO VEIN @ 40° MINOR AREAS OF BLEACHING AND VARIABLE MAFIC CHLORITIZATION		
				180.0 - 183.0 GRADATION FROM SILICIFIED VOLCANIC TO LT GREEN-GREY CHLORITIZED INTERM VOLC. NO READILY VISIBLE FELDSPARS		
			*	183.0 - 185.5 V. LIGHT OLIVE-GREY, BLEACHED AND OBVIOUSLY PLASTICALLY DEFORMED (SHEARED) VOLC OR TUFF. LARGE 1-3 CM FELSIC FRAGS LENSOIDAL SHAPED, WITH ROUNDED QTZ FRAGS FROM DISRUPTED		

SAMPLES No.	To	W	ASSAYS As	Pb%	Zn.%	g/mt. Ag.	Au.
23064	↓	6.6'	12	19	251	0.8	0.01
	97.3						
23065	↓	6.6'	25	27	270	1.0	0.07
	103.9						
23066	↓	6.6'	6	36	351	1.0	0.01
	110.5						
23067	↓	6.6'	3	28	116	0.8	0.13
	117.1						
23068	↓	6.6'	21	18	95	0.9	0.02
	123.7						
23069	↓	6.6'	13	23	113	1.0	0.04
	130.3						
23070	↓	6.6'	21	29	88	1.3	0.32
	136.9						
23071	↓	6.6'	28	42	166	1.5	0.64
	143.5						
23072	↓	6.6'	118	65	489	1.6	0.48
	150.1						
23073	↓	4.9'	67	4	27	1.9	0.01
	155.0						
23074	↓	3.7'	27	18	58	1.0	0.14
	158.7						
23075	↓	8.8'	35	25	105	1.1	0.05
	167.5						
23076		6.6'	9	21	134	1.1	0.02
	174.1						
23077		6.6'	2	32	76	1.1	0.08
	180.7						
23078		2.3'	50	28	38	1.0	0.05
	183.0						

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1566.10
Coordinates 5544, 311.21 N
450, 791.48 E

Length 243'
Hor. Comp / Vert Comp.
Bearing 008° -45°
Begun /Completed
Core size NQ /Recovery %

HOLE No. DDH 84-2 Page #
Sheet 4 of 5
Logged by K. HICKS
Sampled by
Driller

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	From	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
				VEINS? MINOR TALCOSE OR PYROPHYLLITE (MED-BRIGHT GREEN) ALTERATION IN SMALL FRACTURES.											
				DISS PY IN FRAGMENTS AND GROUNDMASS 1-2%. CONTACT OF THIS UNIT ARE RELATIVELY SHARP, DEFINED BY COLOR CHANGE AND V. THIN QTZ FILLED FRAC. @ 60-65°			23079			2.5'	61	57	85	1.2	0.02
				185.5' - 206.0' MED GREEN-GREY INTERM VOLC WITH FAINT FELDSPAR PHENOCRYSTS 1-4 MM MAFICS → CHL 100% AND DISPERSED. CONTAINS BROKEN QTZ FRAGS AND SMALL QTZ ± MINOR SULPHIDE VEINS PINCHING & SWELLING @ 75-80°				185.5							
				MINOR LOCALIZED SERICITIZATION OF FELDSPARS. DISS PY 2-4%			23080			1.8'	23	37	79	1.0	0.19
				187.2-190.0 SLTLY MORE BLEACHED APPEARANCE THAN ABOVE				187.3							
				193.0-194.5 AS ABOVE, WHITE FELDSPAR PHENOCRYSTS BECOMING MORE VISIBLE AND DISTINCT, 1-3 MM. GRADATIONAL CHANGE @ 194.5 TO MD GN POORLY EVIDENT FELDSPARS			23081		190.0	2.7'	87	92	126	1.5	0.03
				194.5-206.0 SMALL AMOUNT (1-2% TOTAL) OF REDDISH BROWN SPHALERITE IN SMALL VEINS AND FRACTURES			23082			5.5'	38	45	98	1.3	0.01
				196.0 MORE VISIBLE FELDSPAR PHENOCRYSTS				195.5							
				197.5 - 198.8' AS ABOVE			23083			3.3'	24	346	2570	3.0	0.53
				202.0 - 202.5 BLEACHED, V. LT GREY, F.G.				198.8							
				202.5 - 206.0 V. LT GREY, V.F.G. SILICIFIED AND BLEACHED VOLC? HARDNESS 7.			23084		203.0	4.2'	289	657	4630	7.6	0.19
				203.0 SP FILLING FRACTURES (3-5% TOTAL)			23085		206.0	3.0'	732	374	1630	6.6	0.26
				203.5 WIDE 5 CM Q-C VEIN WITH N/90 SP			23086			6.6'	87	33	101	1.1	0.01
									212.6						
		*		206.0 - 224.0' VOLC/SED CONTACT @ 206.0 MARKED BY 2 CM QTZ VEIN @ 90°. CONTACT SHEARED, BROKEN. SEDIMENTS GENERALLY DK GREY-BLACK WITH MINOR CHAOTIC Q-C VEINS. COLOR BANDING (LAYERING?) OF DK VS LT GREY BANDS ~75-80° BUT IS DISCONTINUOUS, WITH ALMOST LENTICULAR (ELASEN) SHAPES OF ONE IN ANOTHER. SMALL WHITE CRYSTAL GRAINS? UBIQUITOUS (MINUTE FELDSPARS?). SEDS GENERALLY MORE FISSILE & BROKEN			23087			6.6'	62	48	168	2.0	0.01
									219.2						
				MINOR DISS PY <1%			23088			4.8'	8	51	90	1.8	0.01
				MINOR SMALL CHAOTIC CALCITE VEINS < 1CM					224.0						

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1566.10
Coordinates 5549, 311.21 N
490, 791.48 E

Length 243'
Hor. Comp / Vert. Comp
Bearing 000° -45°
Begun OCT 14 / Completed OCT 15
Core size NQ / Recovery %

HOLE No. DDH 84-2 Page #
Sheet 5 of 5
Logged by K. HICKS
Sampled by H. SWANSON 43 SAMPLES
Driller BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As%	Pb%	Zn.	g/mt. Ag.	Au.
				224.0 - 228.0 FELSIC DYKE OR ATLEAST BLEACHED LT GREY. SMALL, GREEN (TALCOSE OR PYROPHYLLITE) PATCHES FROM ALTERED MAFICS? CHL ≤ 5% FRAGMENT OF DARK ARGILLITE WITHIN DYKE', JAGGED ARGILLITE/DYKE CONTACTS. FAIRLY SOFT MATRIX.			23089	228.0	4.0'	32	26	73	0.3	0.01
							23090	234.6	6.6'	39	50	162	1.1	0.02
				228.0 - 243.0 BLACK ARGILLITES AS BEFORE. FRAGMENTS WITH LT & DK BANDS			23091	239.6	5.0'	5	37	99	1.1	0.01
							23092	243.0	3.4'	36	29	110	1.2	0.01
				EOH.										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar	45.0	310°
EOH 206'	45.0	

PROPERTY NAKUSP
Location
Elevation 1566.1 METERS
Coordinates 5549,311.21 N
450,791.48 E

Length 206.0 FEET
Hor. Comp / Vert Comp.
Bearing 310°
Began OCT. 16/84 / Completed OCT. 17/84
Core size NQ / Recovery %

HOLE No. DDH 84-3 Page # 1
Sheet 1 of 6
Logged by V. KOVANAGI
Sampled by E.H. SWANSON
Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y	RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag.	Au.
									0'						
					12 FEET OF CASING			23093	12'	3.0	239	18	91	0.5	0.01
					0 – 23.1 MED. TO COURSE GRAINED, MED. DARK GREY (MAFICS), GREENISH GREY (FELSICS). HB AND PX 10-15%; ALTERED TO CHL VARIED FROM SLIGHTLY 25%(M) TO 100%, TRACE DISSEM PY AND PB ~ < 1%, RUSTY ALONG FRACTURES FELDSPARS ~ 80%, QTZ ~ 1-2% POSS. LARGE WASHED OUT AREAS OF FELDSPARS VISIBLE UP TO 1 CM X 1 CM, GRAINS WITH VERY FINE INDIVIDUAL CRYSTALS NOT VISIBLE. SOME EUHEDRAL FELDSPARS VISIBLE SIZE UP TO 1 CM X 0.4 CM. (MAX) MAFIC VS. FELSIC CONTENT VARIABLE. CALCAREOUS MICRO FRACTURES 6/METER			23094		6.5	411	11	61	0.2	0.01
									18.5'						
								23095		6.5	414	10	47	0.6	0.01
					23.1 – 28.5 COLOUR CHANGE (DARKER) POSS INCREASE IN MAFICS – FELDSPARS, HB, PX, PORPHYRYTIC HB, PX ~ 35%, FELDSPARS ~ 55%, QTZ POSS 1-2%. COMPOSITION VARIABLE, HB, PX ALTERED TO CHLORITE 100% COLOUR MEDIUM BLUISH GREY 5B5/1				25.0'						
								23096		2.5	1390	18	62	0.2	0.01
									27.5'						
					28.0 SMALL 2.0 CM ARGILLITE BAND, DIPPING 10° TO AXIS. 3.0 CM. QTZ/CARB. WITH COUNTRY ROCK (BRECCIA) OVER ARGILLITE BAND, VEIN PY, PB, POSS MAG. ASPY; OVER ALL SULPHIDES UP TO 3%; MINOR ARG. ALTERATION. DISS PY ~ 1% IN ARGILLITE (BLOBS) FOR 3.0 CM BELOW ARGILLITE COUNTRY ROCK SILACEOUS ALTERATION, CALCITE ALONG CONTACT WITH ARGILLITE (AND IN ARGILLITE) VISIBLE FELDSPAR? CRYSTAL OUTLINES IN ALTERED COUNTRY ROCK. GRADES INTO BLUE/GREY FELDSPAR, HB, PX PORPHYRY DISSEM PY < 1%. POSS DISSEM ASPY ALONG ARG/COUNTRY ROCK CONTACT? ± 1%			23097		1.0	3030	12	15	0.0	0.60
									28.5'						
					28.5 – 43.0 MED BLUISH/GREY 5B5/1 FELDSPAR HB, PX PORPHYRYTIC DISSEM PY < 1%, HB, PX ALTERED TO CHLORITE			23098			814	15	66	0.2	0.02
									32.0'						

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1566.1 M
Coordinates 5544, 311.21 N
450, 791.48 E

Length 206.0 FEET
Hor. Comp / Vert. Comp.
Bearing 310°
Began OCT. 16/84 / Completed OCT. 17/84
Core size NQ / Recovery %

HOLE No. DDH 84-3 Page #
Sheet 2 of 6
Logged by V. KOYANAGI
Sampled by F. H. SWANSON
Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As-	Pb	Zn.	g/mt. Ag.	Au.
							23099		6.5	449	17	63	0.3	0.01
				43.0 - 46.5 ALTERED - BLEACHED, QTZ/CARBONATE VEINS ± 1.0cm X3				38.5						
				±1% TRACE DISSEM PY THROUGHOUT, DISSEM			23100			203	17	49	0.2	0.01
				ARSENOPY < 1%, RUSTY ALONG FRACTURES,				43.0						
				FELDSPAR, HB MATLINES (EUHEDRAL) STILL VISIBLE.			23101		3.5	93	26	56	0.1	0.05
				VEIN PY MICRO FRACTURES.										
				QTZ/CARB. 60° TO AXIS.										
								46.5						
				46.5 - 65.0 ALTERED BLEACHED COLOUR LIGHT GREY N7			23102		7.0	1	23	67	0.2	0.02
				FELDSPAR, HB, PX PHENOCRUST MATLINES VISIBLE										
				QTZ MICROFRACTURES, CARB FRACTURES ABUND., QTZ/CARB				53.5						
				FRACTURES 7/METER										
				FELDSPARS ALIGNED - PLANAR SURFACE 55° TO AXIS										
				56.0 SHEARED AREA FOR 3.0 FT.			23103		5.5	38	31	113	0.7	0.27
				QTZ/CARB INFILLING, RUSTY IRON STAINED										
				DISSEM PY ~ 1% VEIN PY MASSIVE 0.2 cm WIDE				59.0						
				NON-CONTINUOUS.										
				59.0 - ALTERED/BLEACHED CONTINUED, FELDSPARS										
				PLANAR ALIGNMENT, DISSEM PY < 1%										
				MICROFRACTURES CONTINUE THROUGHOUT.			23104		6.0	70	30	76	0.5	0.20
				SOME CHLORITIZED MAFICS VISIBLE TOWARDS										
				BLEACHED/UNBLEACHED CONTACT.				65.0						
				63.0 QTZ/CARB 2.0 cm DISSEM PY ~ 2%.										
				65.0 - 71.0 MED. BLUISH/GREY 585/1										
				FELDSPAR HB, PX PORPHYRY 0.3 cm - 0.8 cm AV. SIZE.										
				HB, PX ALTERED TO CHLORITE;										
				CARB MICRO-FRACTURES WITH PY ~ 2% 20° TO AXIS										
				DISSEM PX ~ < 1% GRADUALLY BECOMING BLEACHED			23105		7.0	2	23	81	0.2	0.01
				AND ALTERED TOWARDS 72.0, PLANAR ALIGNMENT										
				OF FELDSPARS AND MAFICS BECOMING DISTINCT										
				ALSO TOWARDS 72.0				72.0						
				71.0 - 73.0 BLEACHED/ALTERED COLOUR LIGHT GREY N7										
				ABUNDANT QTZ/CARB FRACTURES WITH PY ~ 1%										
				DISSEM TO MASSIVE.			23106		6.0	1	22	66	0.0	0.10
				73.0 - 81.0 FELDSPAR/HB/PX PORPHYRITIC SLIGHTLY ALTERED/										
				BLEACHED; PHENOCRYSTS SMALLER 0.1cm - 0.2cm AV.				76.0						
				MAFICS WASHED OUT - NOT EASILY VISIBLE.										
				DISSEM PY < 1% BECOMING PROGRESSIVELY MORE			23107		5.0	4	16	58	0.0	0.12
				BLEACHED TOWARD 81.0										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1566.1 M
Coordinates 5544 311.21 N
450 791.48 E

Length 206.0 FEET
Hor. Comp / Vert. Comp.
Bearing 310°
Begun OCT. 16/84 / Completed OCT. 17/84
Core size NQ / Recovery %

HOLE No. DDH-84-3 Page
Sheet 3 of 6
Logged by V. KOVANAGI
Sampled by F.H. SWANSON
Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag.	Au.
								81.0						
81.0	87.5			BLEACHED/ALTERED LIGHT GREY N7										
				DISSEM BLACK SULPHIDES ~2% AT 83.0, POSS F.G. PY										
				81.5 QTZ/CARB 2.0 cm										
				MASSIVE DISSEM PY ~1% - 90% IN SMALL MICROFRACTS										
				84.0 QTZ/CARB 1-2 cm			23108		6.5	2770	31	50	0.5	1.12
				MASSIVE DISSEM ASPY ~15% - 90% IN SMALL MICROFRACTS										
				DISSEM ASPY ~1-3% THROUGHOUT BLEACHED SECTION										
				ABUNDANT ADJACENT TO QTZ/CARB										
								87.5						
87.5	100.5			ALTERED/BLEACHED FELDSPARS/HB/PX STILL VISIBLE BUT										
				BLEACHED AND SMEARED, INCREASING SULPHIDE CONTENT			23109		6.5	46	22	63	0.4	0.04
				DISSEM PY UP TO 10% IN MICROFRACTURES										
				QTZ MICROFRACTURES ~10/METER										
				PY AND FELDSPARS ARRANGED IN A PLANAR ALIGNMENT										
				±30° TO AXIS				94.0						
				BARREN CARBONATE VEINS ± 1.0 cm.			23110		6.5	32	19	54	0.1	0.19
100.5	105.0			QTZ/CARB/SHEAR ±10° TO AXIS.				100.5						
				CHLORITE/HB/PX/FELDSPAR PORPHYRITIC LESS.										
				BLEACHED/ALTERED FOR 1.0 FT. THEN AGAIN BLEACHED.										
				TRACE DISSEM PY ≤ 1% IN QTZ MICROFRACTURES.										
				HB CHLORITIZED. SIZE UP TO 0.8cm, WELL DEFINED										
				104.0 SHEAR/FAULT GOUGE DISSEM PY < 1% OVER 1.0 FT.										
105.0	111.0			CONTINUE ALTERED/BLEACHED			23111		6.5	252	26	91	0.1	0.01
				VEIN PY ~ 50% SMALL 0.4cm VEINLETS										
				DISSEM ASPY IN BLEACHED ROCK										
				SMALL MICROSHEARS 8/METER - CLAY ON SHEAR										
				SURFACES; ALSO FELDSPARS, MAFICS ALIGNNED										
				PARALLEL TO SHEAR DIRECTION (PLANAR FEATURE).										
				105.0 PY MASSIVE (MULTICOLOURED GR-YELLOW) FELDSPARS				107.0						
				BECOME MORE PROMINENT AT 109.0.										
				109.0 - 111.0 TAN COLOURED CHLORITE FROM HB/PX			23112		4.0	21	16	103	0.9	0.01
				BECOMES MORE PROMINENT.										
				110.0 DISSEM BLACK SULPHIDES 3% - F.G. PY (0.1cm AV.)										
								111.0						
111.0	118.0			MED. TO COARSE GR. COLOUR DK. GREY N3										
				HB, PX 30% ALTERED TO CHLORITE 50 - 100%										
				FELDSPARS 65%										
				FELDSPARS OVERALL WASHED OUT, PORPHYRITIC LOCALLY										
				(EUHEDRAL - WELL DEFINED PHENOCRYSTS)										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1566.1 M
Coordinates 5594311.21 N
450,791.48 E

Length 206.0 FEET
Hor. Comp / Vert. Comp.
Bearing 310°
Begun OCT. 16/84 / Completed OCT. 17/84
Core size NQ / Recovery %

HOLE No. ODH-84-3 Page
Sheet 4 of 6
Logged by K. KOYANAGI
Sampled by E. H. SWANSON
Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag.	Au.
				AREAS OF WELL-DEFINED FELDSPARS APPEAR INTERMITTENTLY — ~5cm WIDE BANDS ALL OTHER CHARACTERISTICS HELD CONSTANT BANDS 40° TO AXIS WELL DEFINED FELDSPARS ASSOCIATED WITH WHITE MICROFRACTURES — ALTERED FELDSPARS WITHIN MICROFRACTURE HALO. TRACE DISSEM PY < 1%.			23113		7.0	21	16	103	0.9	0.01
								118.0						
118.0	126.0			GREENISH/GREY 5GY 6/1 — LIGHT GRAY N7 SLIGHTLY BLEACHED/ALTERED HB → CHLORITE ± 100% FELDSPARS - GREYISH/ORANGE/PINK 5YR 7/2 UP TO 1.0cm DISSEM PY + ASPY < 1%										
				118.5 1.0cm QTZ/CARB VEIN 10-15% SPHAL, DISSEM PY < 1%.										
				121.0 SEVERAL QTZ/CARBONATE FRACTURES UP TO 2.0cm WIDE CONTAINING MASSIVE PY + PY SLICKENSIDES			23114		6.5	167	30	188	0.9	0.02
				122.0 DISSEM BLACK SULPHIDES 0.1 x 0.1 cm MAX POSS F.G. PY 1%										
				123.0 FELDSPARS ALIGNED IN PLANAR FASHION DUE TO SHEAR? QTZ MICROFRACTURES CONTAINING PY AND CHLORITE ABUNDANT 4/METER ; CARBONATE FILLED FRACTURES ALSO ABUNDANT 5/METER										
				124.0 QTZ/CARB FRACTURE 0.8cm CONTAINING MASSIVE ~10% SPHALERITE, DISSEM PY ~ 1%				124.0						
126.0	129.5			COLOUR DARKENS TO GREENISH BLACK 5GY 2/1 NON BLEACHED. FELDSPAR, HB, PX PORPHYRITIC. - COURSE TO MED GRAINED. HB, PX WELL DEFINED ALTERED TO CHLORITE 0-100% - FELDSPARS WELL DEFINED NEAR FRACTURES - MAFICS CHLORITIZED NEAR FRACTURES DISSEM PY < 1% HB + PX 0.3cm AV.; MAX. 1.0cm FELDSPARS 0.3 cm AVE.			23115		3.0	13	26	77	0.9	0.06
								127.5						
							23116		4.0	7	50	118	1.4	0.41
								131.5						
129.5	140.0			FINE GRAINED DARK GRN/GRY/BLK 5G 3/1 FELDSPAR, HB, PX PORPHYRITIC										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

Collar	Inclination	Bearing

PROPERTY NAKUSP
Location
Elevation 1566.1 M
Coordinates 5544311.21 N
450,791.48 E

Length 206.0 FEET
Hor. Comp / Vert. Comp.
Bearing 310°
Begun OCT. 16/84 / Completed OCT. 17/84
Core size NQ / Recovery %

HOLE No. DDH-84-3 Page
Sheet 5 of 6
Logged by V. KOYANAGI
Sampled by E.H. SWANSON
Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y	RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500
					PHENOCRYSTS — HB UP TO 1.0 CM MAX AVE 0.2 CM		
					FELDSPARS 0.1 – 0.3 AVE		
					HB, PX 100% ALTERED TO CHLORITE		
					CARBONATE FRACTURES → IRREGULAR → MASSIVE		
					PY ~15 – 20%		
					DISSEM PY < 1% THROUGHOUT		
140.0	155.5				QTZ – 58% HB, PX – 20%		
					FELDSPAR – 20% PY – < 1%		
					FELDSPARS EUHEDRAL AVE 0.2 cm MAX 0.5 cm		
					HB, PX EUHEDRAL AVE 0.3 cm MAX 0.8 cm.		
					FELDSPARS BLUISH WHITE 5B 8/1		
					– AROUND FRACTURES YELLOWISH/OLIVE/GREY 5Y 7/1 (ALTERED)		
					MAFICS ALTERED 10 – 90% AVE 20% TO CHLORITE.		
155.5	163.5				FELDSPAR HB, PX PORPHYRYTIC		
					NO VISIBLE QTZ, MATRIX FINE GRAINED		
					HB, PX ALTERED TO CHLORITE ~ 100%		
					SIZE 0.2 cm AVE, 0.8 cm.		
					157.0 QTZ/CARB 3.5 cm MASSIVE DISSEM PY 5-10%		
163.5	171.1				COURSE TO MEDIUM GRAINED		
					HB, PX 15-20% QTZ 60%		
					FELDSPAR 20%		
					FELDSPARS WASHED OUT AND DIFFUSE, SOMEWHAT		
					BETTER DEFINED ABUT MICRO FRACTURES.		
					SIZE 0.1 cm AVE TO 0.8 cm MAX.		
					HB, PX ALTERED TO CHLORITE 10 – 100%		
					AVE 75% SIZE AVE 0.2 cm MAX 0.9 cm.		
					ALTERATION HALO ABOUT MICROFRACTURES (POSS		
					SILICEOUS / ARGILLIC ALTERATION)		
					168.5 SILICEOUS DYKE 3.0 cm.		
171.1	176.0				ALTERED / BLEACHED LIGHT BLUISH/GREY 5B 8/1		
					FELDSPARS 5Y 7/3 DUSKY YELLOW/GREY		
					PORPHYRYTIC		
					BLACK DISSEM SULPHIDES – EG. PY ± 2%		
					QTZ AND CARBONATE MICROFRACTURES		
					± 8/METER		

SAMPLES No.	To	W	ASSAYS Ag	Pb	Zn	g/mt. Ag.	Au.
23117		4.5'	0	165	456	2.6	0.05
	138.0						
23118		6.5'	1	26	142	3.7	0.17
	142.5						
23119		6.5'	7	20	67	2.8	0.08
	149.0						
23120		6.5'	6	18	51	1.5	0.03
	155.5						
23121		6.5'	130	22	58	0.8	0.05
	162.0						
23122		6.5'	3	20	53	1.3	0.08
	168.5						
23123		2.5'	5	18	55	1.0	0.03
	171.0						
23124		5.5'	23	27	53	1.2	0.95

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1566.1
Coordinates 5544311.21 N
450,791.48 E

Length NAKUSP 206.0 FT
Hor. Comp / Vert Comp.
Bearing 310°
Begun OCT. 16/84 / Completed OCT. 17/84
Core size NQ / Recovery %

HOLE No. ODH-84-3 Page #
Sheet 6 of 6
Logged by V. KOYANAGI
Samples by F.H. SWANSON 37 SAMPLES
Driller STAN BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
				175.0 QTZ/CARB VEIN DISSEM PY < 1%										
				176.0 QTZ/CARB VEIN										
				DISSEM PY THROUGHOUT										
176.0	178.5			QTZ. 65% (MED CRS GRAINED)										
				HB, PX 20% PY < 1%										
				FELDSPARS 15% HB, PX AVE 0.3cm MAX 0.8cm										
				HB, PX ALTERED TO CHLORITE 10-100% AVE 60%										
				FELDSPARS AVE 0.2cm MAX 0.7 cm										
				FBUND MICROFRACTURES FELDSPAR/QTZ FILLED										
				DISSEM PB ~ 1% DISSEM PY ~ < 1%				176.5						
178.5	183.0			DARK GREENISH GREY 5G 4/1			23125		6.5	62	106	282	2.0	0.46
				BLEACHED/ALTERED FINE GRAINED MATRIX										
				~10% FELDSPARS* PORPHYRITIC YELLOW/GREY 5Y 7/2										
				2-10% HB, POSS PX ALSO PORPHYRYTIC ALTERED TO CHLORITE										
				- DISSEM PY ~ 1%										
				- QTZ/CARB VEINS, SHEARS 8/M CONTAINING										
				DISSEM PY UP TO 10%										
				183.0 - MASSIVE/DISSEM SPHAL 5-10%.				183.0						
183.0	190.0			COURSE TO MED. GRAINED										
				QTZ 75% HB, PX 15% FELDSPAR 10%										
				HB, PX - ALTERED TO CHLORITE 5-100% AVE 25%										
				SIZE AVE 0.3cm MAX 1.0 cm										
				FELDSPARS VERY LIGHT GREY N8			23126		6.5	6	54	117	1.6	0.06
				AVE 0.1 cm MAX 0.4 cm										
				MICROFRACTURES WITH DISSEM PY UP TO										
				50% OF FRACTURE (FRACTURES 0.1-0.2 cm)										
				DISSEM PY, PB < 1%.				189.5						
190.0	206.0			FELDSPAR PX, HB PORPHYRITIC GREENISH MLK 5G 2/1			23127		6.5	6	22	60	0.8	0.04
				FINE GRAINED, WASHEDOUT HB, PX AVE 0.1cm MAX 0.7cm										
				CHLORITIZED 90-100% OVERALL CONTENT ~ 15%										
				FELDSPARS AVE < 0.1 cm MAX 0.5 cm				196.0						
				COLOUR LIGHT BLUISH/GREY 5B 7/1 OVERALL CONTENT?			23128		5.0	5	24	56	1.0	0.05
				PY IN MICROFRACTURES + DISSEM < 1% BECOMES ATTACHED										
				TOWARDS 197.0 — GRAIN SIZE GRAD. COARSENS AND FINES				201.0						
				BUT COMPOSITIONS TENDS TO CONSTANT? CHLORITE/QTZ			23129		5.0	7	26	52	0.7	0.06
				MICROFRACTURES ABUNDANT AT 1 10/METER										
206.0				END HOLE ODH 84-3				206.0						

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar	-41.5	315
EOH 205'	-32.5	

PROPERTY NAKUSP
Location
Elevation 1426.4 m
Coordinates 5544340.27 N
451,112.48 E

Length 205.0'
Hor. Comp / Vert. Comp.
Bearing 315° -41.5
Begun OCT 17 / Completed OCT 18
Core size AXD / Recovery %

HOLE No. DDH 84-4 Page 1
Sheet 1 of 4
Logged by K. HICKS
Sampled by
Driller BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE
				12 FEET CASING	
0	12.0'			DK GREEN, ANDESITIC VOLCANIC, HARDNESS ~5. SMALL TAN COLORED SERICITIZED FELDSPAR & QUARTZ IN MINOR VEINS. CORE BROKEN AND FRACTURED. V. LT GREY BLEACHED SECTION FROM 4.0' - 8.0'. MINOR PATCHES OF PY AND <1% DISS PY	
12.0	15.0'			AS ABOVE BUT BECOMING MORE MED-GREY IN COLOUR WITH SMALL PATCHES OF CHLORITE IN FRACTURES AND IN WALL ROCK. TR DISSEM PO	
15.0	27.0'			LT GREY-GREEN SILICIFIED INTERM VOLC. HARDNESS ~6 MINOR Q-C ± CHLORITE IN MINOR VEINS. MINOR SPORATIC PATCHES OF TRANSLUCENT, SOFT MINERAL IN VUG (ZEOLITES?). ABDT F.G. FELDSPARS IN GROUNDMASS. SERICITIC ALTERATION NEAR FRACTURES. TUFFACEOUS TEXTURE AT 20.0' MINOR Q-C VEIN @ 40° 23.5' " " " @ 20° MINOR PO 25.2' " " " @ 25°	
27.0'	37.0'			V. LT GREY, F.G. (1-2MM), GRANULAR/TUFFACEOUS TEXTURED FELDSPAR RICH PHACLASTIC?/ }. SOFT WEA. SERICITIC ALTERATION TO 50%. RARE LARGE FRAGMENTS. MULTIPLE, SMALL <1CM Q-C ± CHL VEINS & FRACTURES OF DIFFERENT AGES. 35.5' EARLY Q-C + CHL VEIN @ 10° TO AXIS. ONE SET OF OFFSETTING FRACS @ 15° TO AXIS / 25° FROM VEIN. ANOTHER SET @ 40° TO AXIS / 50° FROM VEIN	
37.0'	41.5'			SLTLY DARKER GREY COLORED INTERM TUFFACEOUS? VOLC. FAINT LT GREY VS MED GREY PATCHES, STILL FAIRLY SOFT, EASILY SCRATCHED	
41.5'	45.5'			MED GREY, V.F.G., FELDSPAR RICH TUFFACEOUS VOLCANIC WITH MED. GREY STREAKS BETWEEN LIGHTER GREY PATCHES SMALL ERRATIC VEINS OF GREASY WHITE CLAY (KAOLINITE)? 42.5 1CM PY VEIN @ 15° 43-45 BROKEN CORE	
45.5'	78.0'			V. LT GREY, F.G. TUFFACEOUS VOLCANIC AS BEFORE. MOD SERICITIZED FELDSPARS. VERY SOFT WEA. RARE SMALL QTZ ± CARB VEINS WITH MINOR PY 55.5' 1 CM QTZ VEIN @ 15° 65.5 GREY GOUGE MATERIAL ~2 CM WIDE	

GRAPHIC 1:500

SAMPLES No.	From	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
23130		4.0'	4.0'	2	24	52	0.5	0.02
23131	4.0'	8.0'	4.0'	23	26	90	0.2	0.03
23132	8.0'	12.0'	4.0'	16	24	84	0.3	0.01
23133	12.0'	18.5'	6.5'	29	23	104	0.3	0.04
23134	18.5'	25.0'	6.5'	32	31	89	0.4	0.02
23135	25.0'	31.5'	6.5'	29	33	63	0.4	0.03
23136	31.5'	38.0'	6.5'	28	35	76	0.1	0.03
23137	38.0'	41.0'	3.0'	59	46	76	0.1	0.01
23138	41.0'	43.5'	2.5'	135	21	49	0.3	0.04
23139	43.5'	50.0'	6.5'	52	29	70	0.3	0.03
23140	50.0'	56.5'	6.5'	64	30	58	0.5	0.01
23141	56.5'	63.5'	7.0'	12	29	52	0.4	0.01

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1426.4 M
Coordinates 5544340.27 N
451,112.48 E

Length 205.0'
Hor. Comp / Vert Comp.
Bearing 315° -41.5°
Begun OCT 17 / Completed OCT 18
Core size NQ / Recovery %

HOLE No. DDH 84-4 Page #
Sheet 2 of 4
Logged by K. HICKS
Sampled by H. SWANSON
Driller BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As.	Pb	Zn.	g/mt. Ag.	Au.
				65.5-67.0 BROKEN, RUSTY CORE WITH MINOR V.F.G. PY 1-2%. MINOR PALE GREEN, V. SOFT, GREASY ALTERATION MINERAL (PYROPHYLLITE OR TALC) IN RARE PATCHES ASSOCIATED WITH LARGER PY PATCHES			23142		3.5'	90	20	50	0.4	0.01
								67.0'						
				67.0-72.0 MODERATELY BROKEN & FRAC CORE, ~1% DISS F.G. PY			23143		5.5'	40	22	44	0.3	0.01
				72.0 1 CM SOFT GREY GOUGE				72.5'						
				75.0-78.0 SMALL THIN PY FILLED FRACTURES			23144		6.5'	13	26	40	0.5	0.01
				78.0-79.5 TEXTURAL CHANGE FROM ABOVE. LARGE V. LT. GREY PATCHES WITH INTERVENING MED GREY MATRIX. ROUNDED PATCHES (AUTO-BRECCIATION TEXTURE?)				79.0'						
				79.5-82.5 AS BEFORE, V. LT. GREY, F.G. FELSIC TUFF. DISS PY 1-2% AND OCCASIONAL PATCHES OF PALE GREEN ALTERATION MINERAL. STILL V. SOFT.			23145		6.0'	27	27	30	0.6	0.10
								85.0'						
				82.5'-93.5' V. LT GREY F.G. TUFF AS BEFORE BUT SILICIFIED, HARDNESS ≥ 6. STILL OCCASIONAL TALC OR PYROPHYLLITE PATCHES. MINOR DISS PY AND PB IN MINOR FRAC			23146		6.5'	4	27	35	0.4	0.10
								91.5'						
							23147		4.5'	35	19	35	0.6	0.01
				93.5'-106.5' AS ABOVE BUT HARDNESS ≤ 5, CONTAINS LARGE FRAGMENTS OF MED GREY FELSIC COMPOSITION WITH TALC OR PYROPHYLLITE ALTERATION				96.0'						
							23148		2.0'	15	35	47	0.4	0.01
								98.0'						
				106.5-110.5 AS ABOVE WITH GRADATIONAL COLOR CHANGE TO LT GREY-GREEN HARDNESS ≥ 6			23149		6.5'	19	22	41	0.5	0.01
								104.5'						
				110.0 SMALL QTZ VEIN 1 CM @ 15° CUT OFF BY DYKE			23150		6.0'	8	23	36	0.5	0.01
								110.5'						
				110.5-116.0 DK GREEN, AMYGDALOIDAL MAFIC DYKE, LT BROWN-GREY "MUDDY" LOOKING CONTACTS. CAVITIES AWAY FROM CONTACT FILLED WITH SOFT, WHITE MINERAL, POSSIBLY ZEOLITES?. SMALL REDDISH SPECKS (HEMATITE) THROUGHOUT ALONG WITH ANHEDRAL TO SUBHEDRAL DK GREEN MAFICS			23151		6.0'	0	24	61	1.1	0.01
								116.5'						
				116.0-132.5' V. LT. GREY, F.G. TUFF AS BEFORE, SILK GREEN NEAR DYKE CONTACT. WK TO MOD SILICIFICATION (HARDNESS 2 6). STILL CONTAINS RANDOM TALCOSE PATCHES WITH V.F.G. PY. PATCHES USUALLY CONTAIN MINOR AMOUNT OF SMALL, RESISTANT SUBHEDRAL CHROMITE? GRAINS.			23152		6.5'	5	21	43	0.4	0.01
								123.0'						
							23153		6.5'	153	29	85	0.5	0.01
								129.0'						
				SMALL QTZ VEINS WITH MINOR PY										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1426.4 M
Coordinates 5544340.27 N
451,112.48 E

Length 205.0'
Hor. Comp / Vert Comp.
Bearing 315° -41.5°
Begun OCT 17 / Completed OCT 18
Core size NQ / Recovery %

HOLE No. DDH 84-9 Page II
Sheet 3 of 4
Logged by K. HICKS
Sampled by H. SWANSON
Driller BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
				132.5 - 134.5 AS ABOVE BUT SOMEWHAT SOFTER (HARDNESS 4-5). MINOR GREEN ALTERATION MINERAL AS ABOVE WITH V.F.G. GREY SULPHIDE (TETRAHEDRITE?)			23154	135.5	6.5'	0	24	61	1.1	0.01
				134.5 - 151.0 V. LT GREY TUFF AS BEFORE, WK TO MOD SILICIFICATION; GREEN ALTERATION MINERAL PATCHES (≤ 1% TOTAL) DISS V.F.G. PY 1-2% 135.5 SMALL Q-C VEINS @ 25° & 35° 148.5 4 CM CARB + WHITE CLAY (KAOLINITE) VEIN @ 30°; PATCHY V.F.G. OXIDIZED PY 2-3%			23155	142.0	6.5'	24	24	32	0.4	0.01
							23156	148.5	6.5'	12	21	36	0.2	0.01
							23157	155.0	6.5'	49	23	31	0.2	0.01
				151.0 - 170.0 AS ABOVE, WK-MOD SERICITIC ALTERATION; SCATTERED PATCHES OF LT GREEN TALCOSE MATERIAL WITH MINOR SUBHEDRAL RADIANT BLACK GRAINS; OVERALL HARDNESS 5-6; MINOR Q-C VEINS DISTINCTION BETWEEN PATCHES OF V. LT GREY AND MINOR MED GREY MATERIAL BETWEEN; DISS SULPHIDES 1% MAX			23158	161.5	6.5'	58	25	34	0.3	0.01
							23159	168.0	6.5'	8	30	40	0.2	0.01
							23160	169.0	1.5'	4	31	40	0.5	0.01
							23161	171.5	2.0'	19	34	46	0.5	0.01
				170.0 - 172.0 AS ABOVE WITH PATCHES OF PY ALONG FRACTURED AND BRECCIATED V. LT GREY FRAGS; 172.0 1 CM QTZ VEIN @ 25°			23162	175.5	4.0'	13	29	58	0.2	0.01
							23163	177.0	1.5'	2300	41	76	1.1	0.03
				172.0 - 205.0 OVERALL SAME V. LT. GREY, F.G. BLEACHED TUFF 176.0 12 CM QTZ VEIN @ 15° WITH MINOR PATCHY ASPY 2-3% AND TR PY; ONLY RARE TALCOSE PATCHES 176.0 - 177.0 DISS PY + ASPY 2-3%			23164	181.0	4.0'	92	24	56	0.7	0.01
							23165	184.5	3.5'	45	29	64	0.6	0.01
				184.5 - 185.5 HEAVILY FRACTURED AREA SURROUNDING 1.5 CM QTZ VEIN WITH SOLITARY PY CUBE AND MINOR ASPY ≤ 1%; MINOR TALCOSE STREAKS			23166	186.0	1.5'	178	24	46	0.5	0.01
				189.5' 1 CM QTZ VEIN @ 10° WITH MINOR ASPY & PY IN VEIN ≤ 1% AND IN WALLROCK WITHIN 5-10 CM; RANDOM TALCOSE PATCHES IN WALLROCK AS BEFORE			23167	192.5	6.5'	400	31	68	0.4	0.22
				198.0 BROKEN CORE, RUSTY FRACTURES; SMALL QTZ VEINS			23168	199.0	6.5'	44	58	195	0.5	0.03

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1426.4 M
Coordinates 5544340.27 N
451,112.48 E

Length 205.0
Hor. Comp / Vert Comp.
Bearing 315° -41.5°
Begun OCT 17 / Completed OCT 18
Core size NQ / Recovery %

HOLE No. DDH 84-9 Page ~~11~~
Sheet 4 of 4
Logged by K. HICKS
Sampled by F.H. SWANSON 40 SAMPLES
Driller BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag.	Au.
				200.0 1 CM QTZ VEIN @ 25° · MINOR PY & ASPY IN VEIN AND WALLROCK			23169		6.0'	673	31	91	0.0	0.02
				205.0 STILL IN V. LIGHT GREY F.G. TUFF WITH WK-MOD SERICITIZATION OF FELDSPARS · HARDNESS ~5				205.0						
				EOH										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar	-60.0°	135°
FOH 211'	-59.0°	

PROPERTY NAKUSP
Location
Elevation 1426.4 m
Coordinates 5344340.27 N
451,112.48 E

Length 211.0 FEET
Hor. Comp / Vert. Comp.
Bearing 135°
Begun OCT. 18/84 / Completed OCT. 19/84
Core size NQ / Recovery %

HOLE No. DDH E4-5 Page #
Sheet 1 of 4
Logged by V. HOYANAGI
Sampled by F. H. SWANSON
Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500
				10.0 FEET OF CASING		
10.0'	38.5'			INTERMEDIATE/MAFIC VOLCANICS - ANDESITE/DACITE - FINE GRAINED, DARK GREY N3 - FELDSPAR/QTZ MATRIX, HORNBLENDE, PX PHENOCRYSTS - GROUNDMASS APHANITIC, MED LIGHT GREY N6 - CARBONATE MICROFRACTURES WITH CHLORITE - RUSTY ON OPEN FRACTURE SURFACES - MAFICS SLIGHTLY ALTERED TO CHLORITE - POSS BIOTITE WITH HB - DISSEM Py < 1% 20.5' QTZ/CARBONATE 1.5 cm - VEIN PYRROTITE 3% + CHLORITE - BLACK ACICULAR MASSIVE 40% → POSS. TOURMALINE COMBINED WITH CARBONATE 32.0 CARBONATE VEIN - MASSIVE CHLORITE MASSIVE Py ± 2-3%		
38.5'	43.0			BLEACHED/ALTERED LIGHT GREY N7 FELDSPAR PHENOCRYSTS - YELLOW GREY 5Y 7/2 - ABUNDANT CARBONATE/GRAPHITIC SHEARS - ALTERED FELDSPAR MICROFRACTURES - SHEARS IRREGULAR, MAX WIDTH OVER 2.0 cm.		
43.0	54.5			INTERMEDIATE/MAFIC VOLCANICS - MED BLUE GREY 5B5/1 - FINE GRAINED, NON PORPHYRITIC, APHANITIC - DISSEM Py, Py < 1% - CHLORITE ALONG FAINT FOLIATION POSS RESULT OF ALTERED BIOTITE OR HB. - GROUNDMASS APPEARS TO BE QTZ, FELDSPARS AND HB, CHLORITE, BIOTITE — IN AN INTERMEDIATE COMPOSITION. - ABUNDANT CARBONATE MICRO FRACTS. - GRADES INTO BLEACHED/ALTERED		
54.5	61.0			COLOUR N7 LIGHT GREY TO YELLOW GREY 5Y 8/1 BLEACHED/ALTERED(?) POSS TUFF, SILICIFIED. V. FINE GRAINED, ALTERED ABOUT VEINS/FRACTURES.		

SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag.	Au.
	0.0'						
23170		3.0'	2	20	80	0.5	0.02
	10.0'						
23171		6.5'	6	15	80	0.7	0.01
	16.5'						
23172		6.5'	0	20	90	0.5	0.03
	23.0'						
23173		6.5'	19	22	118	0.5	0.20
	29.5'						
23174		6.5'	44	21	101	0.6	0.02
	36.0'						
23175		7.0	34	22	116	0.4	0.03
	43.0'						
23176		6.5'	19	25	104	0.4	0.01
	49.5'						
23177		6.5'	51	28	309	0.5	0.02
	56.0'						

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

Collar	Inclination	Bearing

PROPERTY NAKUSP
Location
Elevation 1426.4
Coordinates 5544340.27 N
451,112.48 E

Length 211.0 FEET
Hor. Comp / Vert. Comp.
Bearing 135°
Began OCT. 18/89 / Completed OCT. 19/89
Core size NQ / Recovery %

HOLE No. DDH 89-5 Page #
Sheet 2 of 4
Logged by V. KOYANAGI
Sampled by F.H. SWANSON
Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500
				57.5 QTZ. VEIN ± 5.0 cm WIDE DISSEM PY < 1% F.G. MASSIVE BLACK(?) 2% CALCITE/CHLORITE IN FRACTS AND CONTACT.		
61.0	67.0			COLOUR MED/BLUE/GREY 5B 5/1 GRADUALLY BECOMES DARKER TOWARDS AN ANDESITE/DACITE - INTERMEDIATE VOLCANIC. QTZ/CARB VEINS AVE 1.0 cm - 6 BTWN 64.5 AND 67.0. TRACE DISSEM PY < 1% BECOMES SILICEOUS FROM 65.0 GRADUALLY TOWARDS 67.0		
67.0	77.5			ALTERED/BLEACHED/SILICEOUS LIGHT/BLUE/GREY 5B 7/1 — GRN/GREY 5G 6/1 DISSEM PY ~ 1% (V.F.G. BLACK) SMALL SHEAR AT 75.0, ALTERED ABOUT SHEAR — CLAY; CALCAREOUS ABOUT FRACTURE ALTERATION HALO. SMALL 1.0 X 0.5 cm TALC + POSS CHROMITE + POSS CHALCOCITE 76.5 FELSIC/INTERMEDIATE VOLCANICS (HARD)		
77.5	87.0			GRADED INTO FROM BLEACHED/ALTERED/SILICEOUS COLOUR MED GREEN/GREY 5G 5/1, FINE GR. - CALCAREOUS ALONG FRACTURES - QTZ/CARBONATE IN FRACT/SHEAR ZONES ALSO CONTAINED IN FRACT/SHEARS CHLORITE, POSS ALTERED FELDSPAR, NO VISIBLE SULPHIDES - DISSEM Py THROUGHOUT < 1% - APHANITIC, NON PORPHYRITIC EXCEPT FOR THE ODD CLUMP OF CHLORITE 82.0 COLOUR 5B 6/1 MED LIGHT BLUE/GREY DISSEM Py ~ 1% 0.1 X 0.2 cm CHLORITE/TALC < 1% 86.0 TALC WITH POSS CHROMITE, POSS COPPER		
87.0	93.0			MINERAL (CHALCOCITE?) 0.2 X 0.4 cm 89.0 COLOUR LIGHT GREY N7 QTZ/CARB MICRO FRACTURES DISSEM/MASSIVE Py ~ 1-2% ALSO FOUND ASSOC WITH TALC/CHLORITE		

SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag	Au
23178		6.5	107	30	105	0.6	0.02
	62.5						
23179		6.5	411	29	87	2.3	0.16
	69.5						
23180			189	19	73	0.5	0.08
	75.5						
23181		6.5	89	26	46	0.2	0.01
	82.0						
23182			9	23	37	0.4	0.01
	88.5						

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

Collar	Inclination	Bearing

PROPERTY NAKUSP
Location
Elevation 1426.4 M
Coordinates 5544340.27 N
451,112.48 E

Length 211.0 FEET
Hor. Comp / Vert. Comp.
Bearing 135°
Began OCT. 18/84 Completed OCT. 19/84
Core size NQ / Recovery %

HOLE No. DDH 84-5 Page #
Sheet 3 of 4
Logged by V. KOYANAGI
Sampled by F.H. SWANSON
Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
				DISSEM PY < 1% THROUGHOUT										
				91.5 SMALL RUSTY FRACTURE ZONE										
				92.5 QTZ/CARB SHEAR MASSIVE PY ~3% OVER 5.0 cm.										
				93.0-114.0 COLOUR LIGHT/MED/BLUE/GREY 5B6/1										
				SAME AS BEFORE BUT DARKER										
				PØ PERSISTS DISSEM ~1% WITH CHLORITE/TALC										
				- GROUNDMASS APHANITIC, CHLORITE FROM HB										
				VISIBLE IN GROUNDMASS AS WELL AS ASSOCIATED										
				WITH PØ IN PATCHES > 0.1 cm. ~ 10%										
				PØ : CHLORITE = 45 : 65										
				- GROUNDMASS MOSTLY FELDSPAR, V. SMALL										
				< 0.1 cm PHENOCRYSTS VISIBLE, INTERMEDIATE										
				COMPOSITION										
				114.0-162.5 BLEACHED/ALTERED/SLIGHTLY SILICIFIED(?)										
				CARBONATE VEINS AND FRACTURE INFILLING										
				COLOUR GREENISH GREY 5G4 7/1										
				- DISSEM PY, PØ ASSOC WITH CHLORITE/										
				TALC PATCHES APPEARING ~0.4 X 0.2 cm < 1%										
				115.0 MASSIVE PY VEIN 0.4 cm.										
				DISSEM PY BLACK F.G. 0.1 X 0.1 cm MAX.										
				(BOX 7)										
				CONT BLEACHED/ALTERED										
				PY DISSEM AND IN SHEARS/VEINS										
				PATCHES CHLORITE/TALC SPARSE 1/3 M										
				- ABUNDANT GRAPHITIC SHEARS, CLAY										
				ALTERATION THROUGHOUT (NEAR AREAS OF SHEAR)										
				MASSIVE PY INFILLING SMALL GASHES AND										
				FRACTURES.										
				- MINOR 0.5 cm QTZ VEIN - BARREN										
				- PY DISSEM IN PATCHES OF CHLORITE										
				(BOX 8)										
				CONT BLEACHED/ALTERED										
				FRACTURED/SHEARED										
				COLOUR YELLOW/OLIVE/GREY 5Y 7/1										
				SEVERAL FRAGMENTS TALC/CHLORITE/PY/? CHROMITE?										
				POSS HB AMPHIBOLE, SIZE UP TO 2.5 X 1.0 cm										
				X 1.5 cm MAX. AVE ~0.5 X 0.5 X 1.0 cm										
				± 3 PER METER ABUNDANCE										
							23183	95.0	6.5'	13	20	37	0.5	0.01
							23184	101.5	6.5'	9	20	41	0.6	0.03
							23185	108.0	6.5'	9	22	36	0.4	0.01
							23186	114.0	6.0'	13	21	36	0.5	0.01
							23187	120.5	6.0'	10	17	33	0.4	0.02
							23188	127.0	6.5'	19	20	43	0.3	.12
							23189	133.5	6.5'	15	19	41	0.5	0.01
							23190	140.0	6.5'	85	24	45	0.6	0.11
							23191	146.5	6.5'	96	22	48	0.5	0.06
							23192	153.0	6.5'	54	28	52	0.4	0.01

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1426.4 M
Coordinates 5544340.27 N
451,112.48 E

Length 211.0 FEET
Hor. Comp / Vert. Comp.
Bearing 135°
Begun OCT. 18/84 Completed OCT. 19/84
Core size NQ / Recovery %

HOLE No. ODH-84-5 Page #
Sheet 4 of 4
Logged by V. KOYANAGI
Sampled by F.H. SWANSON 32 SAMPLES
Driller STAN BEAUPRE'

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500
				(BOX 9) CONT		
				SAME - SHEARED, GRAPHIC, CARBONATE		
				GREEN/TALC/CHLORITE/PYRITE FRAGS. PERSIST		
162.5	211.0			COLOUR LIGHT/MED BLUE/GREY 5B 6/1		
				APHANITIC, MINOR CARBONATE MICRODFRACTS		
				- CHLORITE/CARBONATE/PY FRAGMENTS		
				WITH Pd ~ 1% AND POSS. CHROMITE		
				FRAGS UPTO 4.0 x 3.0 cm x 1.0 cm.		
				COMPOSITION - CHLORITE 55%		
				CARBONATE 40%		
				PY, Pd 3%		
				CHROMITE <1%		
				AVE.		
				'CHROMITE' NOT NECESSARILY ASSOCIATED WITH		
				TALC/CHLORITE. FOUND ALSO IN		
				CARBONATE FRACTURE BUT MINOR		
				TALC PRESENT.		
178.0				COLOUR DARK/GRN/GRY/BLK 5G 3/1		
				COLOUR DARKENS BUT SAME AS BEFORE		
				ABUND CHLORITE/CARBONATE FRAGS.		
				- STILL CONTAINING CHROMITE ~ 1%		
				- Pd DISSEM/MASSIVE ~ 10% MAX		
				- SIZE AVE ~ 1.0 x 1.0 x 0.5 cm		
				- AVE ~ 15/METER		
				188.0 - UPTO 15/30.0 cm MAX		
				CONT. RUSTY, IRON STAIN ON FRACTURES		
				(BOX 11)		
				SAME - ANDESITE/DACITE VOLCANICS		
				- CHLORITE POSS FRAG. BLEBS/CARBONATE		
				WITH DISSEM Pd UPTO 20%		
				- DISSEM Pd IN GROUNDMASS		
				- DISSEM CHROMITE IN GROUNDMASS <1%		
				ALSO IN CHLORITE BLEBS		
				- VISIBLE HB/CHLORITE IN GROUNDMASS.		
				- RUSTY IRON STAIN ON FRACTURE SURFACES		
				- DISSEM PY <1%		
211.0				END HOLE ODH 84-5		

SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
23193	159.5	6.5'	65	30	55	0.6	0.01
23194	166.0	6.5'	10	28	40	0.7	0.01
23195	171.5	5.5'	5	34	38	0.8	0.01
23196	178.0	6.5'	13	40	50	0.8	0.01
23197	184.5	6.5'	13	37	57	0.6	0.01
23198	191.0	6.5'	1	35	58	0.6	0.01
23199	197.5	6.5'	15	23	51	0.1	0.01
23200	204.0	6.5'	48	24	56	0.3	0.02
23201	211.0	7.0'	2	17	63	0.3	0.01

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar	40.0	295°
EOH 225'	58.0	

PROPERTY NAKUSP
Location
Elevation 1426.4 m
Coordinates 5544390.27 N
451,112.48 E

Length 225.0'
Hor. Comp / Vert. Comp.
Bearing 295°
Begun OCT. 13/84 / Completed OCT. 19/84
Core size NQ / Recovery %

HOLE No. DDH-84-6 Page #
Sheet 1 of 5
Logged by K. HICKS
Sampled by F.H. SWANSON
Driller STAN BERUBE'

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
								0.0'						
				13 FEET OF CASING			23252	6.5'	6.5'	49	33	75	0.9	0.01
								6.5'						
				0.0 - 13.0 MED. GREEN - GREY, F.G. ANDESITIC VOLC. MINOR CARBONATE ALTERATION (WK BUT PERVASIVE). TRACE SULPHIDES. FAIRLY SOFT (~4) ON FRESH SURFACE.			23253		6.5'	19	25	68	0.6	0.02
								13.0'						
				13.0 - 19.5 AS ABOVE BUT LOSING GREENISH TINGE BECOMING MORE GREY (BLEACHING?) STILL EASILY SCRATCHED NO VISIBLE GRAINS OR CRYSTALS, JUST GROUNDMASS			23254		6.5'	48	21	76	0.6	0.02
								19.5'						
				19.5 - 23.0 V. LIGHT GREY, BLEACHED VOLC. WHICH HAS BEEN SHEARED ON A FELSIC SHEARED TUFF WITH FLATTENED ELONGATE FRAGMENTS. ORIENT OF PLANAR FABRIC ~ 20° TO AXIS. NO FIZZ / RUSTY FRACTURES AT EITHER CONTACT BUT NO VISUAL SULPHIDES WITHIN SECTION.			23255		3.5'	57	22	67	0.5	0.01
								23.0'						
				23.0 - 28.5 MED. GREEN GREY F.G. ANDESITIC VOLC? HARDNESS 4-5. MINOR Q-C VEINS ≤ 1 cm.			23256		5.5'	67	28	68	0.7	0.01
								28.5'						
				28.5 - 35.5 OVERALL SAME ROCK TYPE AS ABOVE BUT WITH RUSTY RIND IN AND AROUND FRACTURES AND QTZ VEINS. PY ≤ 1%. 28.5 SMALL QTZ VEIN < 1 cm AT 60° 30.0 2 cm QTZ VEIN AT 60°, RUSTY			23257			54	23	70	0.6	0.01
								35.5'						
				35.5 - 37.0 LT. GREY, WKLY GRANULAR ON F.G. TUFFACEOUS TEXTURE. HARDNESS ~ 5. EUHEDRAL PYRITE CUBES DISSEM 1 ~ 2%. TEXTURAL DIFFERENCES MAY BE ONLY BLEACHING FROM PREVIOUS GREEN GREY ROCK 36.0 1 cm QTZ AND SULPHIDE VEIN AT 60° PYRITE 3-5%. 36.5 2 cm QTZ/CARB AND SULPHIDE VEIN AT 20°. FRAGMENTS OF WALLROCK AND 3-5% PY; V.F.G., DK. GREY, SOFT, MUSH (SMEARED PY?)			23258		2.5'	40	28	63	0.6	0.01

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1426.4
Coordinates 5594340.27 N
451,112.48 E

Length 225.0 FT
Hor. Comp / Vert. Comp.
Bearing 200°
Begun OCT. 19/84 / Completed OCT. 19/84
Core size NQ / Recovery %

HOLE No. DDH-84-6 Page #
Sheet 2 of 5
Logged by KEN HICKS
Sampled by HARRY SWANSON
Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500
				37.0-47.5 COLOR CHANGE, GRADATIONAL TO MED GREEN-GREY. HARDNESS ~5		
				(38.0-39.5) LARGE 4 cm CALCITE AND BRECCIA VEIN WITH MINOR CHL. AND DISS PY. ORIENT AT // TO CORE.		
				47.5-55.8 BLEACHED V. LIGHT GREY, GRANULAR, ON F.G. TUFFACEOUS TEXTURED VOLC. MINOR 1-2 cm QUARTZ ON CARBONATE ± CHLORITE VEINS WITH PATCHY AND MINOR PY. TRACE ASPY NEAR VEINS, OVERALL EUHEDRAL DISS PY 2-3%		
				55.8-63.5 MED GREEN-GREY F.G. ANDESITIC VOLC AS BEFORE, FAIRLY SOFT, 4-5, RUSTY FRAC DISS PY ≤ 1% MINIM < 1 cm CARB.		
				63.5-64.5 V. LIGHT GREY, BLEACHED WITH LT. GREEN TALL PATCHES WITH ASSOCIATED ASPY AND PY WITH THEM OVERALL DISS PY 1-2%. RUSTY FRAC		
				64.5-67.0 BROKEN AND FRACTURED CORE, THICK RUST RIND FROM FRAC. MOST STILL LT. GREEN - LT. GREY FAIRLY SOFT VOLC OR F.G. TUFF		
				67.0-73.5 LT - MED GREY BLEACHED, WK - MOD SILICIFICATION, PERVASIVE WK CARB ALTERATION. DISS EUHEDRAL PY ON FRACTURES. ≤ 1% OVERALL.		
				73.5-82.5 COMPLETELY PERVASIVE RUST. NO OBVIOUS SULPHIDES. MULTIPLE FRACTURES. ORIGINAL HOST PROBABLY VOLC. AS ABOVE		

SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
	38.0						
23259		2.0	40	27	45	0.5	0.03
	40.0						
23260		7.5	41	28	62	0.8	0.01
	47.5						
23261		4.5	1380	34	78	0.9	0.01
	52.0						
23262		3.5	1070	33	61	0.6	0.17
	55.5						
23263		6.5	246	22	57	0.7	0.03
	62.0						
23264		2.5	316	30	73	0.7	0.12
	64.5						
23265		6.5	196	28	61	0.9	0.09
	71.0						
23266		2.5	178	23	56	0.5	0.02
	73.5						
23267		3.0	134	18	80	0.3	0.01
	76.5						
23268		3.0	82	24	81	0.5	0.01
	79.5						

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1426.4 M
Coordinates 5544340.27 N
451, 112.48 E

Length 225.0 FT
Hor. Comp. / Vert. Comp.
Bearing 200°
Begun Oct 19/84 / Completed Oct. 19/84
Core size NQ / Recovery %

HOLE No. DDH-84-6 Page #
Sheet 3 of 5
Logged by K. HICKS
Sampled by H. SWANSON
Driller S. BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
				82.5-101.0 V. LIGHT GREY, WK-MOD SILICIFIED AND BLEACHED FG TUFF ON FELSIC VOLC RARE LT. GREEN (TALC SUGGESTED BUT LOOKS LIKE MALACHITE) PATCHES WITH DK GREY MINERAL AND MINIM ASPY AND PY. DISS PY ON FRAC FG. GRANULAR TEXTURE SMALL HARD BLACK MIN. IN PATCHES			23269	82.5	3.0	128	27	96	0.9	0.01
				88.5-91.0 DISS Py ASSOCIATED WITH PATCHES. LARGE PATCH AT 86' MED. GREY WITH LT. GREEN RIM. ABUNDANT SMALL SUBHEDRAL BLACK CRYSTALS HARDNESS ≥ 6			23270	89.0	6.5'	153	33	64	1.0	0.02
				94.0-101.0 MULTIPLE ON WAVERING LOW ANGLE CALCITE - CHLORITE - QTZ + SULPHIDE VEIN. ORIENT AT 0-15°. GREY PATCHES WITHIN VEIN (FG. PY? OR OTHER). OCCASIONAL BRIGHT GREEN PATCHES.			23271	94.0	5.0	480	34	72	0.7	0.01
							23272	97.0	3.0'	1050	61	59	0.6	0.03
							23273	100.0	3.0	643	91	190	0.9	0.02
				101.0-106.0 SOME V. LIGHT GREY HOST AS ABOVE. SMALL NETWORK OF CROSSCUTTING CARB-CHLORITE - QTZ + SULPHIDE VEINS (SMALL) VFG. DK. GREY DIFUSE MINERAL USUALLY IN SMALL FRAC AND VEIN SELVAGES. OVERALL DISS PY + PATCHY ~3% AREAS WITHOUT VEINING AND EASILY SCRATCHED			23274	103.0	3.0	1110	55	138	0.6	0.01
							23275	106.0	3.0'	1100	50	67	0.6	0.04
				106.0-112.0 V. LIGHT GREEN-GREY, EASILY SCRATCHED. V.F.G. ALTERED DACITE/ANDESITE VOLC. DISS Py ≤ 1%. DISS PY ≤ 1%.			23276	110.0	4.0'	223	22	60	0.3	0.01
				112.0-114.5 AS BEFORE BUT COLOR BECOMING SLTLY MORE GREENISH. FAINT CHLORITE SPECKS (AFTER MAFICS) VISIBLE. SLTLY HARDER (WK-MOD SILICIFIED) DISS PY + Py ≤ 1%			23277	114.0	4.0'	27	26	77	0.8	0.01
				114.5-116.5 SMALL DK. GREEN-BLACK MAFIC DYKE WITH FG. BROWNISH 'MUDDY' CONTACTS AT 45° MINOR VESICLES FILLED WITH CALCITE AND RARE QUARTZ EYES.			23278		2.5'	45	46	79	1.6	0.01

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP | Length 225.0 FT. | HOLE No. DDH 84-6 | Page #

Location | Hor. Comp / Vert. Comp. | Sheet 4 of 5

Elevation 1426.4 M | Bearing 200° | Logged by K. HICKS

Coordinates 5544340.27 N | Begun OCT. 9/84 / Completed OCT. 19/84 | Sampled by H. SWANSON

491,112.48 E | Core size NQ / Recovery % | Driller S. BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y	RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
									116.5						
116.5	155.0				MED GREEN GREY F.G. VOLC? HARDNESS ~5. MINOR DISS Py ≤ 1%. FAINT CHLORITIC GHOSTS OF MAFICS. TR OF DISS Mo? DISS Py ≤ 1%			23279	123.0	6.5'	14	29	61	0.7	0.01
					134.0 BECOMING MORE GREENISH AND LIGHTER IN HUE BUT AS BEFORE OTHERWISE. MINOR GROWTH OF SMALL LATHE-LIKE BLACK CRUSTALS ≤ 1mm (ACTINOLITE?)			23280	129.5	6.5'	10	28	60	0.7	0.01
					145-155.0 LT GREY-GREEN. DISS Py ~1% DISS Py ≤ 1%			23281	136.0	6.5'	10	20	41	0.5	0.01
								23282	142.5	6.5'	1	25	35	0.4	0.01
								23283	149.5	7.0'	5	21	32	0.5	0.02
								23284	155.0	5.5'	12	21	32	0.6	0.03
155.0	157.0				LT. YELLOWISH-GREY DYKE AT 30° TO AXIS OVERALL F.G. GROUNDMASS WITH WHITE (CALCITE) AMYGDULES AND CLEAR IRREGULAR SHAPED QUARTZ GRAINS. ALSO BRIGHT GREEN (AS BEFORE) PATCHES OR SPOTS WITH DIFFUSE BOUNDARIES, POSSIBLY PHLOGOPHYLLITE?			23285		2.0'	6	44	82	0.7	0.01
157.0	180.0				157.0-162.0 LT. GREY. BLEACHED VOLC WITH DISS Mo + Py ~ 1%. HARDNESS 4-5. MINOR Py FRACTURE AT 15°				157.0						
					162.0-167.0 AS ABOVE BUT WITH GREENISH TINGE.			23286		6.5'	13	22	39	0.7	0.12
					167.0-175.0 TR. Py ONLY. LT. GREY VOLC AS ABOVE. SMALL Py FILLED VEIN < 0.5 cm AT 15° AT 169.5. Py AND BRECCIA VEIN ~2 cm WIDE AT 15° AND 20°. MINOR Py FILLED FRAC AT 25° AND 35°			23287	163.5	6.0'	11	19	40	0.6	0.01
					177.5 6-8 cm WIDE PYRITE-BRECCIA AT 40°			23288	169.5	1.5'	18	22	33	0.8	0.01
								23289	171.0	6.0'	10	22	33	0.7	0.01
								23290	177.0	1.0'	31	20	40	0.6	0.02
180	191.5				LT. GREEN-GREY F.G. VOLC AS BEFORE MINOR DISS Mo AND Py 1-2% TR ASPY			23291	178.0	6.5'	2	17	45	0.4	0.01
									184.5						

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1426.4 M
Coordinates 5544340.27 N
451,112.48 E

Length 225.0 FT.
Hor. Comp / Vert. Comp.
Bearing 200°
Begun OCT. 19/84 / Completed OCT. 9/84
Core size N Q / Recovery %

HOLE No. 001-84-6 Page #
Sheet 5 of 5
Logged by K. E. HICKS
Sampled by F. H. SWANSON 47 SAMPLES
Driller S. BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y	RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS g/mt. As	Pb	Zn.	Ag.	Au.
					191.5-211.0 V. LIGHT GREY F.G. HARDNESS ~5 DISS PY AND DISS PY 1-2%. MINOR PY FILLED FRAC. 206.0 SMALL VEIN OF V.F.G. PY AND SPHAL SPHAL. ~5-10%. QUARTZ/CARB 80% SHALLOW ANGLE. RARE BRIGHT GREEN AND PY PATCHES 210.0 CORE SOFT AND SHEARED.			23292	191.0	6.5'	21	16	54	0.4	0.02
								23293	197.5	6.5'	223	37	47	0.7	0.01
								23294	205.0	7.5'	41	29	88	0.5	0.01
								23295	206.5	1.5'	23	598	1590	3.5	0.01
								23296	211.0	4.5'	172	67	233	0.9	0.02
					211.0-217.0 V. LIGHT GREY BLEACHED DYKE AS BEFORE. WEAKLY AMYGDULAR SMALL BRIGHT GREEN AND REDDISH SPECKS. IRREGULAR QTZ BLEBS. FAIRLY SOFT SHEARED CONTACT AT 56° SHEARED THROUGHOUT.			23297	217.5		90	41	105	1.0	0.01
					217.0-225.0 V. LIGHT GREY WK-MOD SILICIFIED F.G. VOLCS DISS. PY AND PY ~ TRACE.			23298	225.0		113	21	79	0.6	0.01
					END OF HOLE										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar	60.0	165°
RDH 205'	59.0	

PROPERTY NAKUSP
Location
Elevation 1431.2 m
Coordinates 5514265.00 N
451,385.00 E

Length 205.0 FEET
Hor. Comp / Vert Comp.
Bearing 165°
Begun OCT/20/84 / Completed OCT. 21/84
Core size / Recovery %

HOLE No. DDH 84-7 Page #
Sheet 1 of 5
Logged by V. KOYANAGI
Sampled by F.H. SWANSON
Driller STAN BEAUPRE'

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
								0.0						
				0.0-15.0 CASING			23202		2.0	4	56	149	0.5	0.04
				15.0-26.0 BROKEN, FRACTURED, RUSTY, WEATHERED. SHEARED, NO MINERALIZATION VISIBLE			23203	15.0	6.5	11	162	397	1.3	0.25
								21.5						
				26.0-31.5 COLOUR MED BLUE/GREY 5B5/1			23204		6.5	27	229	355	1.0	0.20
				- APHANITIC, NON PORPHYRITIC				27.0						
				- INTERMEDIATE COMPOSITION										
				- IRREGULAR MICROFRACTURES CALCITE FILLED										
				- RUSTY, IRON STAINED ON FRACTURE SURFACES										
				- DISSEM Py/Po ~ 1%										
				- Po, Py ON FRACTURE SURFACES										
				- Po ASSOC WITH CHLORITE BLEBS OCCURRING SPARSELY AND IRREGULARLY										
				±2/METER, SIZE 0.5 X 0.8 cm			23205		6.5	32	93	187	0.8	0.02
				MAX SIZE; Po : CHLORITE = 30:70										
				30.0 GALENA/SPHAL DISSEM ~ LOCAL 1-2%										
				31.5-33.5 FRACTURED, WEATHERED, RUSTY				33.5						
				- SAME TYPE ROCK										
				- REMNANTS OF CHLORITE BLEB WITH MASSIVE Po										
				- RUSTY Py REMAINS ON FRACTURE SURFACES										
				33.5-48.0 COLOUR MED/BLUE/GREY 5B5/1										
				- INTERMEDIATE, APHANITIC SUGARY										
				- MINOR CHLORITE BLEBS WITH Po										
				- TRACE DISSEM Py/Po < 1%										
				- ACTINOLITE, ACICULAR THIN BLACK CRYSTALS (NEEDLE LIKE) FOUND ON FRACTURE SURFACES			23206			23	198	219	1.4	0.04
				- QTZ/CARBONATE MICROFRACTURES										
				- CHLORITE/Po BLEBS 0.4 X 0.4 cm, SPARSE				40.0						
				CHLORITE/Po = 35/65 AVE										
				- Po/Py VEINS/MICROFRACTURES										
				- Po/Py DISSEM CONTENT ~ 2% AT 44.0 FT.										
				- CALCITE INFILLING EXTENSION GASHES AND ABOUT SMALL SHEARS.			23207			16	69	220	0.5	0.03
				- 33.5 → 46.0 ABUNDANT FRACTURING										
				RUSTY IRON STAIN THRAUGHOUT				46.5						
				- DISSEM CHALCO IN Po < 1% AT 40.0										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1431.2 M
Coordinates N
E

Length 205.0 FT.
Hor. Comp / Vert Comp.
Bearing 165°
Begun OCT. 20/84 / Completed OCT. 21/84
Core size / Recovery %

HOLE No. DDH 84-7 Page
Sheet 2 of 5
Logged by V. KOYANAGI
Sampled by F.H. SWANSON
Driller STAN BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y	RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag.	Au.
					48.0-49.5 FRACTURED/SHEARED										
					49.5-51.5 MED/BLU/GRY INTERMED VOLCANICS - SLIGHTLY ALTERED, FELDSPAR PHENOS VISIBLE LOCALLY SIZE < 0.1 X 0.1 cm - RIND ABOUT FRACTURED AREAS - RUSTY			23208		6.5'	17	60	329	0.7	0.01
					51.5-52.5 RUSTY/FRACTURED/SHEAR										
					52.5-55.0 LIGHT/MED BLUISH GREY VOLCANICS SBH/1, DISSEM Py - PYRRHOTITE/CHLORITE/TALC BLEBS SIZE ± 0.8 mm X 0.3 mm. Py : CHL = AVE 80/20 - DISS Py ~ 1% THROUGHOUT - TRACE CHALCOPYRITE WITH Py < 1%			23209	53.0	6.5'	9	40	198	0.5	0.01
					55.0-56.0 SHEARED/FRACT/RUSTY										
					56.0-82.5 MED/LIGHT BLUE GREY - Py/CHLORITE BLEBS PERSIST - SMALL RUSTY FRACTURES ABUNDANT ± 10/m - CARBONATE MICROFRACTS ABUNDANT ± 10/m - DISSEM Py/ACTINOLITE ON NON RUSTY FRACT. SURFACES CONT: BLEBS Py, CARBONATE (?) CHALCOPY, Py, CHL, ASPY. ASPY < 1%, Py 65%, CARB 25%, CPY 2%, Py 1%, CHL 5% - Py ~ 1% TO < 1% DISSEM THROUGHOUT - LESS FRACTURED ± 4/METER (RUSTY ON FRACT SURFACES) - CALC ON FRACTS BLEBS < 1% TOTAL CORE			23210	59.5'	6.5'	17	45	211	0.6	0.01
								23211	66.0'	6.5'	27	28	263	0.5	0.01
								23212	72.5'	6.5'	43	44	162	0.6	0.02
					82.5-84.0 (BOX 5) SHEAR OVER 1.5 FT. - RUSTY PYROLUSITE ON FRACTURE SURFACES - TALC < 1%, CALCITE IN FRACTS - RUSTY, NO VISIBLE SULPHIDES			23213	79.0'	6.5'	15	36	85	0.6	0.06

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1431.2 M
Coordinates N
E

Length 205.0 FT.
Hor. Comp. / Vert Comp.
Bearing 165°
Begun /Completed
Core size /Recovery %

HOLE No. DDH 84-7 Page #
Sheet 3 of 5
Logged by V. KOYANAGI
Sampled by F.H. SWANSON
Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag.	Au.
				84.0-93.0 SAME MED/LIGHT BLUE GREY VOLCANICS.										
				- BLEBS STILL PERSIST.										
				- FRACTURES WITH RUSTY RIND 1 6/m.										
				- DISSEM Pd, Py THROUGHOUT UP TO 1%				85.5						
							23214		6.5'	17	21	46	0.5	0.01
								92.0						
				93.0-96.5 SLIGHTLY BLEACHED										
				- TALC/CHLORITE/Pd BLEBS PERSIST										
				94.0 - SAME INTERMED VOLCS / BLUE GRY										
				97.0 - BLEACHED SLIGHTLY / SMALL QTZ VEINS			23215		6.5'	22	22	269	0.6	0.01
				RIND PERSISTS ABOUT FRACTURES / RUSTY										
				96.5-114.0 MED/LIGHT BLUISH/GREY 5B 6/1										
				INTERMED VOLCANICS				98.5						
				- SHEARED LOCALLY WITH RUSTY RIND ABOUT			23216		6.5'	13	25	138	0.4	0.02
				FRACTURES/SHEARS, CARBONATE IN SHEAR.										
				- MANGANESE (PYROLUSITE) ALONG RUSTY SHEAR										
				PLANES										
				- CALCAREOUS INFILLING OF NON RUSTY, NON				105.0						
				EXPOSED FRACTURES										
				- DISSEM Pd < 1% THROUGHOUT										
				- Pd/CHLORITE/BLEBS PERSIST WITH POSS			23217		6.5'	11	32	70	0.6	0.01
				CHROMITE < 1%										
				99.5 - SMALL SHEAR 4.0 cm.										
				101.5 - 103.0 SHEAR ZONE										
				111.0 - SMALL SHEAR 4.0 cm				111.5						
				113.0 - 114.0 SHEAR ZONE.										
				(BROWN CRYSTALS IN CHLORITE IN BLEBS										
				UNKNOWN ± 5% OF BLEB SOFT LIKE			23218		6.5'	105	19	71	0.6	0.05
				CHOCOLATE).										
				114.0-124.5 FRACTURED/SHEARED										
				- RUSTY RIND THROUGH INTERMEDIATE				118.0						
				VOLCANICS BLUE GREY, APHANITIC										
				- DISSEM ARSENOPY ON FRACTURE SURFACE OF										
				NON RUSTY VOLCS. < 1%			23219		6.5'	284	11	36	0.6	0.03
				- MANGANESE IN RIND										
				124.5-130.0 LESS FRACTURED				124.5						
				- INT VOLCS BLUE/GREY 5B 6/1										
				- RUSTY AT 125.5, 127.0, 128.0										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1431.2 M
Coordinates N
E

Length 205.0 FT.
Hor. Comp / Vert. Comp.
Bearing 165°
Begun OCT 20/84 / Completed OCT 21/84
Core size / Recovery %

HOLE No. DDH 84-7 Page #
Sheet 4 of 5
Logged by V. KOYANAGI
Sampled by E.H. SWANSON
Driller STAN BEAUPRE'

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
				- CARBONATE INFILLING FRACTURES										
				- MASSIVE PY IN CARB VEINS ± 5% - 10%										
				- SOME QTZ/CARB VEINS MAX 0.8 cm.										
				- DISSEM ARSENOPYRITE < 1% DISSEM PY < 1%			23220		6.5'	472	15	51	0.7	0.04
				- NO VISIBLE DISSEM PB.										
				- NO BLEBS.										
								131.0						
130.0	136.0			- MED/LIGHT BLUISH GREY 5B 6/1										
				- INTERMEDIATE VOLCANICS										
				- DISSEM ARSENOPY < 1%										
				- ACTINOLITE - DARK GREEN → BLACK ON FRACTURE SURFACES AND IN SMALL CARB AND QTZ/CARB MICROFRACTS; CHLORITE IN MICROFRACTS UP TO 1%			23221		6.5'	577	13	64	0.8	0.05
								137.5						
136.0	139.0			SHEARED/FRACTURED/RUSTY/MANGANESE										
				137.6 SAME AS 130-136										
				DISSEM PB < 1%										
							23222		6.5'	261	12	292	0.8	0.04
								144.0						
139.0	147.0			QTZ/CARB FRACT 1-1 cm										
				- PY MASSIVE 10% MAX										
				- PB DISSEM 1% MAX. CHALCO DISSEM < 1%										
				- ASPY DISSEM < 1% poss. SPHAL ~ 10%										
							23223		6.5'	24	17	78	0.7	0.04
								150.5						
147.0	163.0			(BOX 9) COLOUR LIGHT BLUISH GREY 5B 7/1										
				- QTZ/CARB MICROFRACTURES										
				- DISSEM PY/PB ~ 1%										
				- CHLORITE/PB BLEBS 0.2 x 0.4 cm SPARSE										
				- BARREN QTZ MICROFRACTURES.										
				- COLOUR VARIES BTWN 5B7/1 AND 5B5/1 (MED TO LIGHT BLUE/GREY)			23224		6.5'	13	16	686	0.9	0.02
				155.5 MASSIVE SPHAL ON FRACT SURFACE (MICROFRAC)										
								157.0						
				148.0 RUSTY FRACTURE										
				162.0 RUSTY FRACTURE										
				CHLORITE/ACTINOLITE IN/ON FRACTURES OPEN AND RUSTY. WITH SOME CARBONATE										
				- MANGANESE ON RUSTY FRACTURE SURFACES										
				- DISSEM SPHAL IN FRACTS < 1%			23225			87	7	80	0.2	0.01

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

Collar	Inclination	Bearing

PROPERTY NAKUSP
Location
Elevation 1431.2 M
Coordinates N
E

Length 205.0 FT.
Hor. Comp / Vert Comp.
Bearing 165°
Begun OCT. 20/84 / Completed OCT. 21/84
Core size NQ / Recovery %

HOLE No. DDH-84-7 Page #
Sheet 5 of 5
Logged by V. KOYANAGI
Sampled by F.H. SWANSON 21 samples
Driller STAN BEAUPRE'

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS Au	Pb	Zn.	g/mt. Ag.	Au.
								163.5						
				163.0-182.5 (BOX 10)										
				SAME BLUE GREY VOLCANICS										
				- V. SMALL < 0.1 x 0.1 cm FELDSPAR PHENOS.										
				- CHLORITE BLEBS WITH DISSEM ASPY, PY, CPY,										
				AND POSS CHROMITE.										
				- SOME CPY ALSO IN CHLORITE BLEBS BUT WITH										
				NO OTHER SULPHIDES										
				- BLEBS UP TO 1.0 X 1.0 cm MAX AVE 0.5 x 0.5 cm										
				± 13/METER										
				COMP ASPY ~10%, PY ~3%, PY ~2%, CPY 1%			23226		6.5	1710	18	96	0.5	0.04
				- PY DISSEM THROUGHOUT ~ UP TO 1%				170.0						
				- ASPY DISSEM THROUGHOUT < 1%			23227		6.5	126	19	98	0.7	0.02
				174.0 RUSTY SHEAR ~ 4.0 cm				176.5						
				177.5 RUSTY SHEAR ~ 3.0 cm										
				178.0 RUSTY SHEAR ~ 3.0 cm			23228		6.5	276	18	85	0.7	0.01
				181.5 RUSTY/CARB SHEAR										
				182.5-201.0 (BOX 11) SAME INTERMEDIATE VOLCS				183.0						
				- CARBONATE MICRO FRACTURES WITH CHLORITE			23229		6.5	432	13	48	0.7	0.01
				- BLEBS PERSIST PY ~ 1-5 %				189.5						
				CONTAIN CHLORITE/CHROMITE(?) ~ 5%			23230		6.5	32	14	43	1.0	0.01
				- CHLORITE SLICKS ON FRACT SURFACES.				196.0						
				182.5 SMALL RUSTY SHEAR/FRACTURE 8.0 cm										
				185.0 " " " " 4.0 cm			23231		6.5	12	13	331	1.6	0.03
				195.0 " " " " 10.0 cm				202.5						
				196.0 " " " " 4.0 cm			23232		2.5	113	15	60	1.3	0.01
				(CONTAINING PYROLUSITE/CALCITE)				205.0						
				201.0 QTZ/CARB FRACTURE 10° TO AXIS										
				- IRREGULAR UP TO 1.5 cm WIDE.										
				- MASSIVE SPHAL ~ 7%, MASSIVE CPY ~ 5%,										
				MASSIVE PY ~ 10%, DISSEM PY ~ 1%.										
				DISSEM ASPY THROUGHOUT < 1%										
				201.0-205.0 (BOX 12)										
				SAME INTERMEDIATE BLUE GREY 5B 6/1 VOLCS										
				- DISSEM PY ~ 1% CPY << 1%										
				- SMALL < 1.0 cm RUSTY FRACTS										
				- DISSEM PY ON FRACT SURFACES ~ 1%										
				- DISSEM ASPY UP TO 1% THROUGHOUT										
				205.0 END HOLE DDH-84-7										

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar	75.0	195°
60M 207'	74.5	

PROPERTY NAKUSP
Location
Elevation 1431.2 m
Coordinates 5544265.00 N
451,385.00 E

Length 207.0 FT.
Hor. Comp / Vert Comp.
Bearing 195°
Began OCT. 21/84 / Completed OCT. 22/84
Core size / Recovery %

HOLE No. DDH-84-8 Page II
Sheet 1 of 5
Logged by VICTOR HOYANAGI
Sampled by E. HARRY SWANSON
Driller STAN BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y	RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500
					0.0 - 27.5 (BOX 1) 12.0 FT. OF CASING		
					INTERMEDIATE VOLCANICS		
					- MED/LIGHT BLUISH GREY		
					- GROUNDMASS V. FINE GRAINED (APHANITIC)		
					- VISIBLE FELDSPAR PHENOCRYSTS, SIZE < 0.1 cm		
					- RUSTY RIND ABOUT FRACTURES.		
					- DISSEM PY UP TO 1%, Pb ~ 1%		
					- CHLORITE BLEBS WITH QTZ/CARB AND DISSEM/MASSIVE PY ≤ 5% OF BLEB. CPY < 1%, ASPY 2%		
					- PY AND ASPY IN MICROFRACTURES		
					- QTZ/CARB MICROFRACTS - W-H DISSEM PY ~ 1%		
					- RUSTY SHEAR/FRACTS 16.0 , 7.0 cm		
					- " " " 18.0 , 6.0 cm		
					- " " " 22.0 , 5.0 cm		
					- RUSTY/FRACTURE 27.5 , 12.0 cm		
					27.5-42.0 (BOX 2)		
					SAME INTERMEDIATE VOLCANICS		
					- Pb, PY ON FRACT SURFACES		
					- Pb, PY DISSEM THROUGHOUT ~ 1%		
					- CHLORITE, Pb, PY IN BLEBS		
					29.5 - FRACTURE AND RUSTY TO 31.5		
					32.5 - " " " " 34.5		
					42.0-57.5 (BOX 3)		
					SAME VOLCANICS (PY IN VEINS (MICRO)) DISSEM		
					- 44.0 SLIGHTLY BLEACHED/SILICIFIED, FRACTURED TO 45.0 RUSTY WITH DISSEM PY ~ 1%		
					- 45.5 - 46.0 FRACTURED/RUSTY, DISSEM PY < 1%		
					- 52.5 - 53.0 FRACT/RUSTY		
					- 53.5 CHLORITE BLEB MAX SIZE 1.5 X 1.0 cm WITH Pb ~ 5%, SIZE 0.8 X 0.4 cm WITH Pb ~ 75%		
					ABUNDANT RUSTY FRACTURES THROUGHOUT.		
					57.5-73.5 (BOX 4)		
					57.5-59.0 FRACTURED/RUSTY/ALTERED		
					OVERALL SMALL FRACTURES MAJORITY		
					NON RUSTY, SOME CLAY ALTERATION		
					ON FRACTURE SURFACES (CHLORITE/TALC).		

SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag.	Au.
	0.0						
23233	12.0	4.0	17	36	85	0.7	0.14
23234	18.5	6.5	24	53	109	1.1	0.10
23235	25.0	6.5	35	92	183	1.0	0.09
23236	31.5	6.5	30	97	256	1.3	0.14
23237	38.0	6.5	21	435	443	4.0	0.02
23238	44.5	6.5	25	62	176	0.9	0.01
23239	51.0	6.5	26	51	119	0.9	0.03
23240	57.5	6.5	19	60	230	0.8	0.01
23241	64.0	6.5	19	33	149	0.8	0.01

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1431.2 M
Coordinates N
E

Length 207.0 FT
Hor. Comp / Vert. Comp.
Bearing 195°
Begun OCT. 21/84 / Completed OCT. 22/84
Core size / Recovery %

HOLE No. DDH-84-8 Page II
Sheet 2 of 5
Logged by V. KOYANAGI
Sampled by F.H. SWANSON
Driller STAN BEAUPRE'

DEPTH (metres) From	To	RECOV'Y	RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag.	Au.
					- DISSEM PY UP TO 1% - PØ IN CHLORITE BLEBS UP TO 90% PØ - ABUNDANT CARB MICRO FRACTURES - DISSEM ASPY LOCALLY < 1% 72.5 ACTINOLITE ON AND NEAR FRACTURE.			23242	70.5	6.5	16	35	73	1.0	0.01
					73.5-89.0 (BOX 5) SAME INTERMEDIATE VOLCANICS - RUSTY FRACTURES ABUNDANT (RIND) - ACTINOLITE ALONG AND ABOUT FRACTURES - PYROLUSITE IN RIND AND ON FRACTURES - DISSEM PY THROUGHOUT - PØ IN CHLORITE BLEBS (PY ALSO) 76.5-77.5 FRACTURED/ALTERED/RUSTY 78.5 CALCITE VEIN, RUSTY BELOW, VEIN-3.0cm RUST 25.0 cm ABUND MANGANESE, QTZ FRAGS/CRYSTALS IN CALCITE VEIN. 81.0-85.0 FRACT/RUSTY. 88.0 SLIGHTLY BLEACHED ALTERED ABUND CHLORITE IN GROUNDMASS			23243	77.0	6.5	12	26	143	0.9	0.01
								23244	83.5	6.5	31	23	65	0.9	0.01
								23245	89.0	6.5	20	30	77	1.1	0.01
					89.0-104.5 (BOX 6) - DISSEM PY/PØ ~ < 1% (UP TO 1% LOCALLY) - PØ IN CHLORITE BLEBS ~ 85% SIZE UP TO 0.8 X 0.8 cm - PYROLUSITE IN RUSTY ZONES - CARB/QTZ BLEBS WITH PY DISSEM ~ 5% SIZE 0.4cm X 0.8 cm MAX 92.0-95.0 SLIGHTLY BLEACHED 89.0-90.0 FRACTURED/RUSTY/CLAY ALT ON FRACT 91.0-92.0 FRACT/RUSTY/PYROLUSITE 93.0-95.0 FRACT/RUSTY/SMALL SHEAR 101.0-103.0 FRACT/RUSTY			23246	95.5		22	19	91	0.7	0.01
								23247	102.0		198	13	509	0.9	0.13
								23248	108.5		446	13	59	1.0	0.10
					104.5-122.5 (BOX 7) INTERMEDIATE VOLCANICS - CHLORITE BLEBS INCREASE IN NUMBER			23249	115.0		269	13	63	0.9	0.23

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP | Length 207.0 FT. | HOLE No: DDH-84-8 Page #

Location | Hor. Comp. / Vert. Comp. | Sheet 3 of 5

Elevation 1431.2 M | Bearing 195° | Logged by VICTOR KOVANASI

Coordinates N | Begun OCT. 21/84 / Completed OCT. 23/84 | Sampled by F. HARRY SWANSON

E | Core size / Recovery % | Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
				BUT LESS CONTAIN SULPHIDES										
				- SOME Pb IN CHLORITE UP TO 50% Pb			23250		6.5'	2	41	162	1.4	0.01
				- ABUND MICRORFRACT INFILLED WITH CALCITE										
				- FRACT S/METER RIND RUSTY CHLORITE SLICKS										
				- DISSEM Py/Pb < 1%										
								121.5						
				122.5-138.5 (BOX 8)										
				SAME AS BOX 7. INT VOLCS			21801		6.5'	14	30	104	0.9	0.01
				- INCREASE IN CHLORITE CONTENT										
				BUT LESS DISSEM SULPHIDES										
				126.0 SMALL 1.5cm QTZ VEIN										
				131.0 SLIGHTLY BLEACHED/FRACTURED				128.0						
				NO RUST/RIND, CHLORITE ON FRACT			21802		6.5'	10	25	179	1.1	0.01
				SURFACES.				134.5						
				135.0 SLIGHTLY BLEACHED										
				COLOUR LIGHT GRN/GREY 5G7/1										
				OVERALL STILL DISSEM Py, Pb < 1%			21803		6.5'	16	21	211	0.8	0.01
				ALSO Py/Pb IN CHLORITE BLEBS										
				RUSTY FRACT/RIND ±10/METER.										
								141.0						
				138.5-155.5 (BOX 9)										
				COLOUR GREENISH/GREY 5G 6/1										
				SAME INTERMEDIATE VOLCANICS			21804		6.5'	23	14	141	1.0	0.02
				- DECREASE IN CHLORITE CONTENT										
				- SOME VERY TRACE DISSEM Py < 1%										
				- SOME Py IN HAIRLINE FRACTS										
				- CHLORITE BLEBS WITH Pb, Py BUT				147.5						
				SPARSE. SIZE MAX 0.4 X 0.5 cm										
				- SOME CARB/QTZ FRACTS UP TO 0.3 cm			21805		6.5'	10	15	349	1.1	0.02
				60° TO AXIS.										
				138.5-140.0 RUSTY RIND SMALL FRACTS										
				141.0-141.5 " " " "										
				142.5-143.5 " " " "										
								154.0						
				155.5-173.5 (BOX 10)										
				155.0 MED/LIGHT BLUE GREY INTERMEDIATE VOLCANICS			21806		6.5'	132	14	53	1.0	0.01
				- ABUND CARB MICROFRACTURES ~< 0.1 cm										
				- DISSEM ASPY, Py < 1% LOCALLY.										
				- RUSTY FRACTURES WITH RIND ±5/METER				160.5						

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1431.2 M
Coordinates N
E

Length 207.0 FT
Hor. Comp / Vert. Comp.
Bearing 195°
Begun OCT. 21/84 / Completed OCT. 22/84
Core size / Recovery %

HOLE No. DDH-84-8 Page #
Sheet 4 of 5
Logged by V. KOYANAGI
Sampled by F. H. SWANSON
Driller STAN BEAUPRE

DEPTH (metres) From	To	RECOV'Y	RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
					165.0-177.0 COLOUR CHANGE										
					DARK GREY N7 TO DARK BLUE GREY 5B4/1										
					- PORPHYRITIC HB OR ACTINOLITE										
					PHENOCRYSTS AVERAGE 0.1 cm										
					- DISSEM PØ ~1%, DISSEM ASPY < 1%										
					- CHLORITE BLEBS WITH ASPY ~ 5%										
					BLEB 1.0 X 1.5 cm										
					- CHLORITE ON FRACTS										
					- CARB MICRO FRACTS STILL ABUND.										
					- HB (MAFICS) CHLORITIZED										
					UP TO 100% AVE 75%										
					173.5-191.0 (BOX 11)										
					DARK GREY 'HB PORPH' ENDS 177.0										
					GRADES BACK INTO LIGHT/MED BLUE GREY										
					5B 6/1 INTERMEDIATE VOLCANICS										
					- STILL SOME MAFIC PHENOCRYSTS										
					VISIBLE BUT SMALL ~ 0.1 cm MAX.										
					- CHLORITE PØ BLEBS WITH ASPY ~ 25% AVE										
					- DISSEM PØ THROUGHOUT ~ 1% MAX										
					- DISSEM ASPY THROUGHOUT < 1%										
					184.0 QTZ/CARB/CHLORITE VEIN										
					DISSEM ASPY, PY, PØ ~ 2% TOTAL										
					185.0 SPHAL IN MICRO FRACTS < 0.1 cm										
					189.0 CHLORITE BLEB 2.0 cm X 1.0 cm										
					NO SULPHIDES										
					CPY, PØ, ASPY, PY DISSEM WITH CHLORITE ON										
					FRACT SURFACES										
					191.0-207.0 (BOX 12)										
					INTERMEDIATE VOLCANICS										
					- DARK GREY 'N3' TO DARK BLUE GREY										
					5B 4/1										
					- SOME HB PHENOS UP TO 0.3cm MAX										
					CHLORITIZED UP TO 100% AVE < 50%										
					- DISSEM ASPY < 1%, DISSEM PØ < 1% THROUGHOUT										
					- CHLORITE BLEBS WITH DISSEM PØ										
					CHL : PØ = 75:25										
					- DISSEM PY ON FRACTS.										
								21807	167.0	6.5'	185	14	61	1.0	0.01
								21808	173.5	6.5'	548	15	50	1.6	0.01
								21809	180.0	6.5'	247	19	72	1.7	0.01
								21810	186.5	6.5'	232	18	78	1.1	0.01
								21811	193.0	6.5'	154	372	84	1.1	0.07
								21812		6.5'	190	18	76	1.2	0.02

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

PROPERTY NAKUSP
Location
Elevation 1431.2
Coordinates N
E

Length 207.0 FT
Hor. Comp / Vert. Comp.
Bearing 195°
Begun OCT. 21/84 Completed OCT. 22/84
Core size /Recovery %

HOLE No: DDH 84-8 Page #
Sheet 5 of 5
Logged by VICTOR MARIO KOYANAGI
Sampled by FREDERICK HARRY SWANSON (31)
Driller STAN BEAUPRE'

DEPTH (metres) From	To	RECOV'Y	RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
					- QTZ/CARB/CHLORITE VEINS CONTAIN DISSEM PY ~1%, DISSEM CPY <1%										
					- CHLORITE ON FRACTS (SLICKS)										
					193.5 BARREN QTZ 1.5cm										
					199.5 BARREN QTZ 1.0cm				199.5						
					204.5 FRACT/RUSTY										
					205 - 207 BLEACHED LIGHT GREY N6. SAME STUFF. DISSEM ASPY <1% CHLORITE QTZ/CARB/CHLORITE - DISSEM PY, CPY <1%			21813		7.5	73	16	72	1.3	0.01
					207.0 END OF HOLE DDH 84-8				EOH						

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar	75.0	185°
ROH 207'	74.5	

PROPERTY NAKUSP
Location
Elevation 1431.0 m
Coordinates 5544300.00 N N
451,410.00 E

Length 207.0
Hor. Comp / Vert. Comp.
Bearing 185° -75°
Began OCT 22 / Completed OCT 22
Core size NQ / Recovery %

HOLE No. DDH 84-9 Page #
Sheet 1 of 2
Logged by K. HICKS
Sampled by F. H. SWANSON, ESQUIRE
Driller BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500
				11 FEET CASING		
				0-29.0 MED GREEN-GREY F.G., INTERM VOLCANIC. NO VISIBLE GRAINS OR PHENOCRYST. TRANSLUCENT APPEARANCE ON FRESH SURFACE. HARDNESS ~5. DISS Pθ ~1%, DISS Py ~1%. TR CPy ASSOCIATED WITH Pθ		
				29.0-42.5 AS ABOVE WITH MINOR DISS SUBHEDRAL Py, 1-2%, DISS Pθ ~1% TR CPy		
				36.5-40.0 Pθ AS ERRATIC DISS SECTIONS AND PATCHES MINOR QP FILLED FRACTURES 1-2MM WIDE TOTAL SP <1%		
				40.0 LARGE SOLITARY FRAGMENT OF MED-GREY, SILICEOUS COMPOSITION. SMALL DARK SUBHEDRAL MINERAL WITHIN FRAG. MINOR Pθ ASSOCIATED WITH FRAG. MINOR REMNANT OUTLINES OF CHLORITIZED MAFICS BECOMING VISIBLE		
				42.5-59.5' AS ABOVE WITH RARE LARGE CHLORITIC PATCHES WITH ASSOCIATED Pθ, SOMETIMES ANGULAR Pθ		
				55.5' MINOR Q-C VEIN @ 90°		
				56.5-58.0 OBLIQUELY FRACTURED HOST WITH RUSTY SURFACE. TR DISS ASPY		
				59.5-79.0' MED GREY-BLUE-GREEN V.F.G. INTERM VOLCANIC. HARDNESS ~4. EASILY SCRATCHED. RANDOM DK GREEN CHLORITIC PATCHES WITH ASSOCIATED Py. OVERALL DISS SUBHEDRAL Py ~1%. TR. Pθ.		
				79.0 MINOR QTZ VEIN @ 60° WITH 3-5% ACICULAR, RADIATING BLACK TOURMALINE HOST ROCK BECOMING MORE CHLORITIC THAN BEFORE		
				79.0-97.0 MED GREEN-GREY, F.G. INTERM (ANDESITIC?) VOLCANIC HARDNESS 4-5. OCCASIONAL ROUND CHLORITIC PATCHES WITH MINOR Py WITHIN. MINOR CHLORITE AROUND FRACTURES. V. SMALL CHLORITIC BLEBS WITHIN GROUNDMASS (AFTER MAFICS?) OVERALL DISS Py 1-3%		
				97.0-115.0 AS ABOVE, DISS Py 1-2%, MINOR CALCITE IN FRACTURES. MINOR CARB-QTZ + CHL VEINS ≤ 1CM., FAINT, SMALL CHLORITIC BLEBS FORMING GROUNDMASS BLOW WITH V.F.G.		

SAMPLES No.	To	W	ASSAYS As	Pb	Zn	g/mt. Ag.	Au.
	0.0						
23299	5.5'	5.5'	12	16	71	0.8	0.26
23300	11.0'	5.5'	9	16	25	0.9	0.01
21715	17.5'	6.5'	6	17	49	0.7	0.06
21716	24.0'	6.5'	3	14	74	0.7	0.01
21717	30.5'	6.5'	15	25	248	0.8	0.05
21718	36.5'	6.0'	12	24	401	0.7	0.01
21719	40.5'	4.0'	32	121	1030	2.3	0.01
21720		6.5'	39	32	242	1.1	0.02
21721	47.0'	4.0'	329	15	185	0.8	0.07
21722	51.0'	4.0'	29	23	170	0.9	0.01
21723	55.0'	4.0'	14	18	96	0.7	0.01
21724	56.0'	6.5'	348	20	120	0.8	0.02
21725	62.5'	6.5'	5	27	89	1.1	0.01
21726	69.0'	6.5'	6	25	82	1.4	0.01
21727	75.5'	6.5'	3	31	81	1.2	0.01
21728	82.0'	6.5'	3	15	77	0.9	0.01
21729	88.5'	6.5'	18	17	86	0.9	0.08
21730	95.0'	6.5'	5	24	241	1.1	0.01

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

Collar	Inclination	Bearing

PROPERTY NAKUSP
Location
Elevation 1431.0 M
Coordinates N
E

Length 207.0'
Mgr. Comp / Vert Comp.
Bearing 185° -75°
Begun OCT 22 / Completed OCT 22
Core size NQ / Recovery %

HOLE No. DDH 84-9 Page #
Sheet 2 of 2
Logged by K. HICKS
Sampled by H. SWANSON 37 SAMPLES
Driller BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE
				WHITE SPECKS (FELDSPARS)	
115.0	133.0			AS ABOVE WITH MINOR BLEACHED SECTIONS.	
				119.0 SOLITARY LARGE GREY SILICEOUS PATCH WITH GREEN CHLORITIC ALTERATION RIM WITH SMALL ANHEDRAL GRAINS WITHIN ("CHROMITE"). DK GREEN CHLORITE PATCHES	
				131.5 MULTIPLE SMALL SP FILLED FRACTURES @ 75° WITH MINOR CPY AND TR GA.	
133.0	152.0			MED GREY-GREEN, F.G. ANDESITIC VOLCANIC. NO ORIGINAL MARKS VISIBLE. BUT F.G. CHLORITIZED GHOSTS, RARE CHLORITE PATCHES WITH PY	
				MINOR QTZ-CHL-PY ± TOURMALINE VEINS. DISS PY ≤ 1%.	
152.0	170.0			MED BLUE-GREY-GREEN, F.G TO SLTLY PORPHYRITIC ALTERED ANDESITE. SUBHEDRAL TO ANHEDRAL FELDSPAR PHENOCRYSTS 1-3 MM. PERV CHLORITIC BLEBS 1-5 MM POSSIBLY ALTERED FROM ORIGINAL HB OR PX PHENOCRYSTS. OCCASIONAL LARGE 1-3 CM CHLORITE ± PY PATCHES (OR ENABLYANTS) WHICH ARE OBVIOUSLY NOT ALTERATIONS OF ORIGINAL PHENOCRYSTS. MOST LARGE CHLORITIC PATCHES HAVE MED GREY CORE	
				OVERALL SULPHIDES, DISS PY; ≤ 1%, PY TR	
				160.0 3 CM LT GREY ROUNDED FRAGMENT WITHIN LT GREEN-GREY HOST ROCK	
170.0	189.0'			AS ABOVE, HARDNESS 4-5	
189.0	207.0			AS ABOVE, HARDNESS 4-5	
				196.0 1 CM Q-C VEIN @ 25	
				205.0 1 CM Q-C + SP VEIN @ 30° · SP ~ 20%	
				EOH	

GRAPHIC 1:500

SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
	101.5						
21731		6.5'	188	21	52	1.7	0.01
	108.0						
21732		6.5'	677	43	134	2.3	0.03
	114.5						
21733		6.5'	9	42	141	1.1	0.01
	121.0						
21734		6.5'	10	22	74	0.6	0.01
	127.5						
21735		4.5'	18	65	120	1.6	0.02
	132.0						
21736		6.5'	16	32	156	1.5	0.01
	138.5						
21737		6.5'	4	18	80	0.8	0.01
	145.0						
21738		1.0'	10	23	81	1.2	0.03
	146.0						
21739		6.5'	11	21	72	1.1	0.02
	152.5						
21740		6.5'	16	26	99	0.2	0.01
	159.0						
21741		6.5'	16	28	113	0.6	0.01
	165.5						
21742		6.5'	15	32	134	0.8	0.02
	172.01						
21743		6.5'	17	30	106	0.6	0.01
	178.5						
21744		6.5'	17	35	214	0.8	0.02
	185.0						
21745		6.5'	17	29	106	0.5	0.01
	191.5						
21746		6.5'	15	28	112	0.8	0.02
	198.0						
21747		6.0'	15	29	115	0.7	0.01
	204.0						
21748		1.5'	17	28	101	0.7	0.01
	205.5						
21749		1.5'	16	29	94	0.6	0.01
	207.0						

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar	75.0	005°
EOH 207'	72.5	

PROPERTY NAKUSP
Location
Elevation 1431.0 m
Coordinates 5544300.00 N
451,410.00 E

Length 207.0
Hor. Comp / Vert. Comp.
Bearing 005° -75°
Began OCT 23 / Completed OCT 23
Core size NQ / Recovery %

HOLE No. DDH 84-10 Page #
Sheet 1 of 3
Logged by K. HICKS
Sampled by H. SWANSON
Driller BEAUPRÉ

DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500
				6 FT CASING		
6'	22.0'			MED GREY-BLUE F.G. INTERM. VOLC. HARDNESS 4-5. COMPOSED OF F.G. DIFFUSE AND SMEARED CHLORITE BLEBS TOGETHER WITH M.F.G. FELDSPAR GRAINS. HARDNESS 4-5. OCCASIONAL LARGER (5-10MM) CHLORITIC PATCHES. DISS PY ~1% PO - TRACE, OCCURRING PRIMARILY IN ASSOCIATION WITH LARGE CHLORITIC PATCHES		
				18.5 BROKEN & FRACTURED CORE, RUSTY RIND NEAR FRACTURES		
22.0	39.0			AS ABOVE WITH RUSTY FRACTURES AT LOW ANGLE TO CORE N 20-25°		
				25.0 MINOR BLEBS OF SP IN HOST ROCK		
				28.0 2CM Q-C VEIN @ 35° WITH <1% SP AND TR GA		
				28.5 MINOR BLEBS OF SP IN HOST		
				33.0 MINOR BLEBS OF SP IN HOST		
				STILL OCCASIONAL LARGE CHLORITIC PATCHES WITH MINOR PO AND PY		
				37.0 SLIGHTLY BLEACHED SECTION OF CORE WITH ABDT RUSTY FRACTURING		
39	57.0			AS ABOVE; MED GREY-BLUE-GREEN F.G. INTERMEDIATE VOLC. MINOR CHL ON FRAC. SURFACES.		
				37.0-44.0 BLEACHED, FRACTURED AND RUSTY WITH DISS PY ± PO 1-2% TOTAL		
				48.5 MINOR Q-C + CHL + SP IN FRACTURE @ 25°		
				51.0-52.5 3 MINOR SP FILLED FRACTURES WITH MINOR PY @ 25-35°		
				52.5-57.0 COLOR GRADING TO GREY-BLUE		
57.0	68.0			MED GREY-BLUE F.G. INTERM. VOLC.		
				57-59.0' TRACE AMOUNT OF SP		
				61.5-68.0 SLIGHTLY MORE SPECKLED APPEARANCE WITH MORE DISTINCT GREEN & WHITE GRAINS. MULTIPLE Q-C FILLED FRACTURES FROM 61.5-62.0		
68.0	76.0			INTERM. VOLC WITH SPECKLED TEXTURE MORE APPARENT WITH DARK MG OR PX MAFICS INSTEAD OF CHLORITE: "SALT & PEPPER"		

SAMPLES No.	From	To	W	ASSAYS As	Pb	Zn. %	g/mt. Ag.	Au.
		6.0						
21814		12.5	6.5'	1	11	65	0.3	0.03
21815		19.0	6.5'	67	13	102	0.8	0.20
21816		25.5	6.5'	101	16	434	0.7	0.02
21817		32.0	6.5'	25	20	676	0.6	0.01
21818		38.5	6.5'	12	19	568	0.8	0.01
21819		45.0	6.5'	53	18	273	0.5	0.01
21820		51.0	6.0'	18	29	800	1.1	0.04
21821		52.5	1.5'	24	29	10000	2.4	0.01
21822		59.0	6.5'	15	28	277	0.7	0.02
21823		65.5	6.5'	317	15	188	0.6	0.03
21824		72.0	6.5'	69	26	232	1.1	0.01

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

Collar	Inclination	Bearing

PROPERTY NAKUSP
Location
Elevation 1431.0 M
Coordinates N
E

Length 207.0
Hor. Comp / Vert. Comp.
Bearing 005° -75°
Begun OCT 23 / Completed OCT 23
Core size NQ / Recovery %

HOLE No. DDH 84-10 Page II
Sheet 2 of 3
Logged by K. HICKS
Sampled by H. SWANSON
Driller BEAUARLE

DEPTH (metres) From	To	RECOV'Y	RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500	SAMPLES No.	To	W	ASSAYS As	Pb	Zn.	g/mt. Ag.	Au.
					68.5 LARGE 2 CM SOLID CHLORITE VEIN @ 30° ; CONJUGATE FRAG CONTAINS ABDT ASPY ON SURFACE @ 30° TO AXIS, 60° TO VEIN										
					74.5 V. LARGE 8 CM WHITE-GREY FELSIC FRAGMENT WITH A CHLORITE RIM DIFFUSING INTO WALLROCK ; CORE OF FRAGMENT IS EASILY SCRATCHED AND APPEARS TO BE ESSENTIALLY ALTERED FELDSPAR. IT CONTAINS SMALL ANHEDRAL DARK GRAINS AS IN OTHER PREVIOUS FRAGMENTS THOUGHT TO BE CHALCOPYRITE.			21825		6.5'	16	18	166	1.2	0.01
									78.5'						
					76.0 - 93.5 STILL AS ABOVE BUT WITH MAFICS ALTERING TO CHLORITE ~ 50% AND GRADUALLY COMPLETELY CHLORITIZED			21826	↓	6.5'	48	22	111	1.1	0.01
					89.0 3 CM Q-C-CHL VEIN WITH 3-5% PY, 3-5% PB AND MINOR AMOUNTS OF CPY & ASPY				85.0'						
					91.0 LARGE 4 CM FELSIC FRAG AS BEFORE. WHITE-GREY CORE WITH CHLORITIC RIM			21827	↓	2.0'	181	22	116	0.9	0.02
									87.0'						
								21828	↓	1.5'	138	25	178	0.9	0.01
					93.5 - 113.0 MED BLUE GREY F.G. CHLORITIC INTERM VOLC. DISS PY ~ 1% NO VEINS				88.5'						
								21829	↓	6.5'	30	35	139	1.0	0.01
									95.0'						
								21830	↓	6.5'	5	18	97	1.0	0.02
					113.0 - 132.0 LT GREY-BLUE-GREEN F.G. INTERM VOLC WITH A FEW MINOR SECTIONS BLEACHED TO V. LT GREY ; OVERALL INDISTINCT GRAINS, JUST F.G. GROUNDMASS ; MINOR DISS PY & PB				101.5'						
								21831	↓	6.5'	36	17	115	1.5	0.01
									108.0'						
					119.0 - SMALL 25 CM SECTION BLEACHED TO V. LIGHT GREY WITH MINOR SP BLEBS ~ 1%			21832	↓	6.5'	78	19	133	1.0	0.01
									114.5'						
					121.0 - SIMILAR BLEACHED SECTION AS ABOVE, SP AS BLEBS & IN FRACTURES			21833	↓	4.0	13	17	338	2.1	0.07
									118.5'						
					128.3 LARGE CHLORITE NAMED MED GREY FRAGMENT WITH SMALL DARK F.G. MINERAL INSIDE ~1-2%			21834	↓	3.0'	13	25	2040	2.1	0.09
									121.5'						
					132.0 - 150.5 MED GREY-BLUE INTERM VOLC. SLIGHTLY COARSER TEXTURE IN SOME SECTIONS			21835	↓	6.5'	46	17	301	1.3	0.02
									128.0'						
					147.0 - 150.0 COARSEST TEXTURE OF FELSIC AND MAFIC ANHEDRAL GRAINS (PHENOCRYSTS?) TO 3-5 MM TR. DISS PY			21836	↓	6.5'	22	16	130	0.8	0.03
									134.5'						
								21837	↓	6.5'	0	30	97	0.9	0.01
									141.0'						
								21838	↓	6.5'	2	38	139	0.9	0.01
									147.5'						
					150.5 - 169.0 F.G. - M.G. MED GREY-BLUE INTERM VOLC AS ABOVE.			21839	↓	6.5'	7	42	154	1.0	0.02
					159.0 1 CM Q-C VEIN @ 25°				154.0'						
					158.5 BECOMING SOMEWHAT LIGHTER (W) COLOR AND MORE FRACTURED ; POSSIBLE WEAK SILICIFICATION ; MINOR PY & PB.			21840	↓	6.5'	5	44	136	1.0	0.01
									160.5'						
					OVERALL ABUNDANCES OF LT GREY-BLUE ~ 6 COMPARED WITH ~ 5 WITH MED GREY-BLUE			21841	↓	6.5'	9	22	100	1.1	0.04
									167.0'						

DRILL HOLE RECORD

FALCONBRIDGE LIMITED

	Inclination	Bearing
Collar		

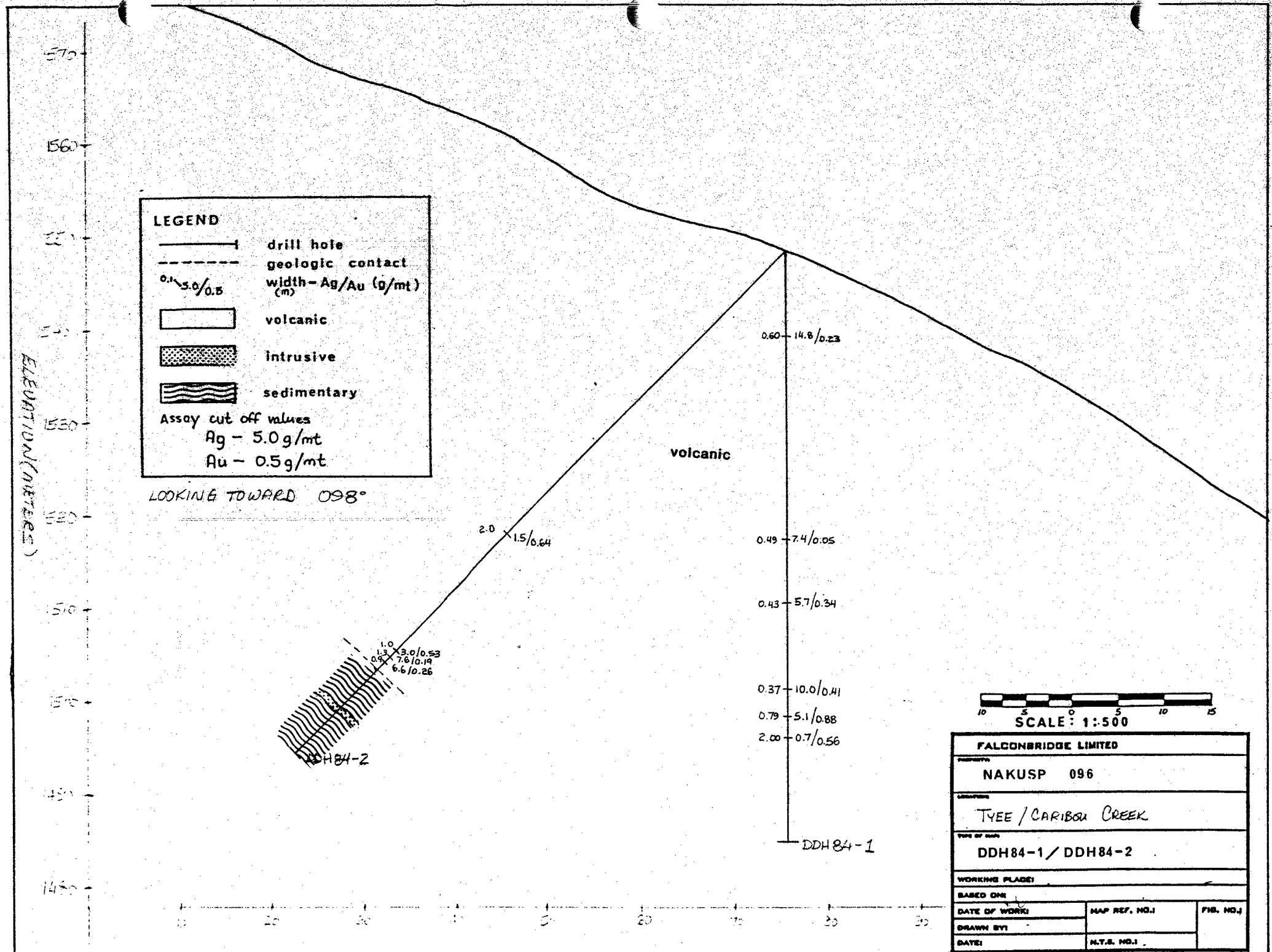
PROPERTY NAKUSP
Location
Elevation 1431-0 M
Coordinates N / E

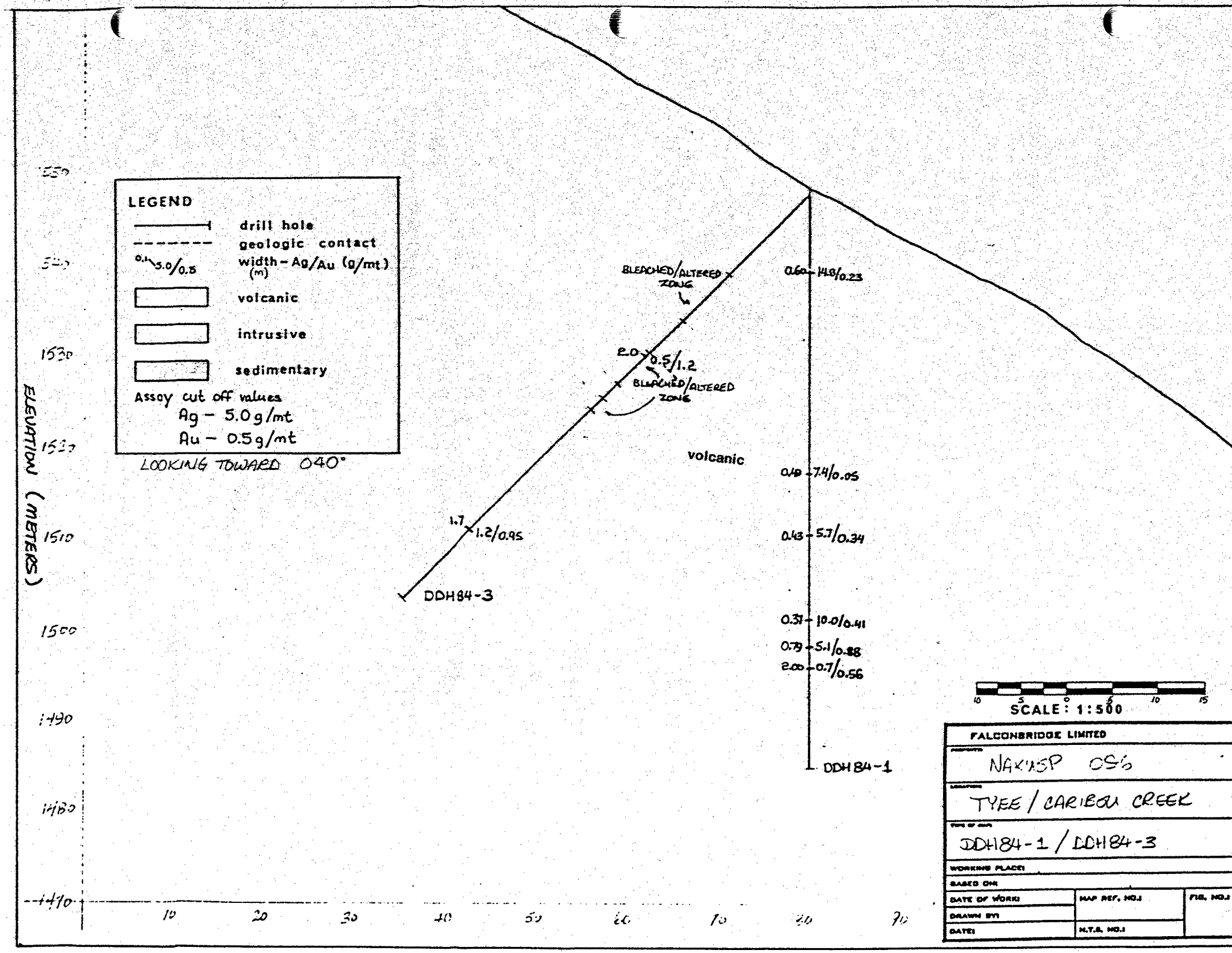
Length 207.0'
Hor. Comp / Vert Comp.
Bearing 005° -75°
Began OCT 23 / Completed OCT 23
Core size NQ / Recovery %

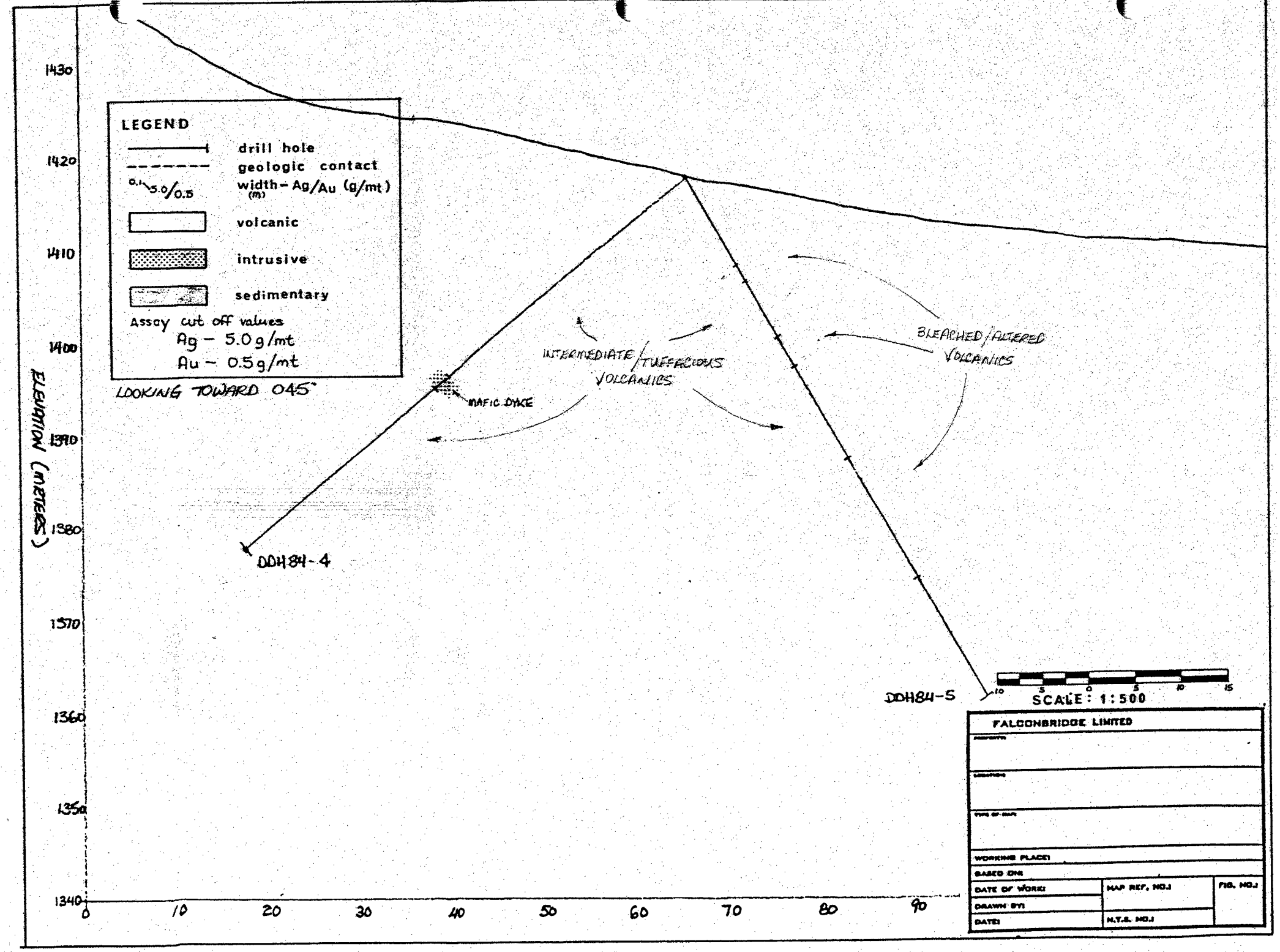
HOLE No. DDH 84-10 Page #
Sheet 3 of 3
Logged by K. HICKS
Sampled by H. SWANSON 24 samples
Driller BEAUPRÉ

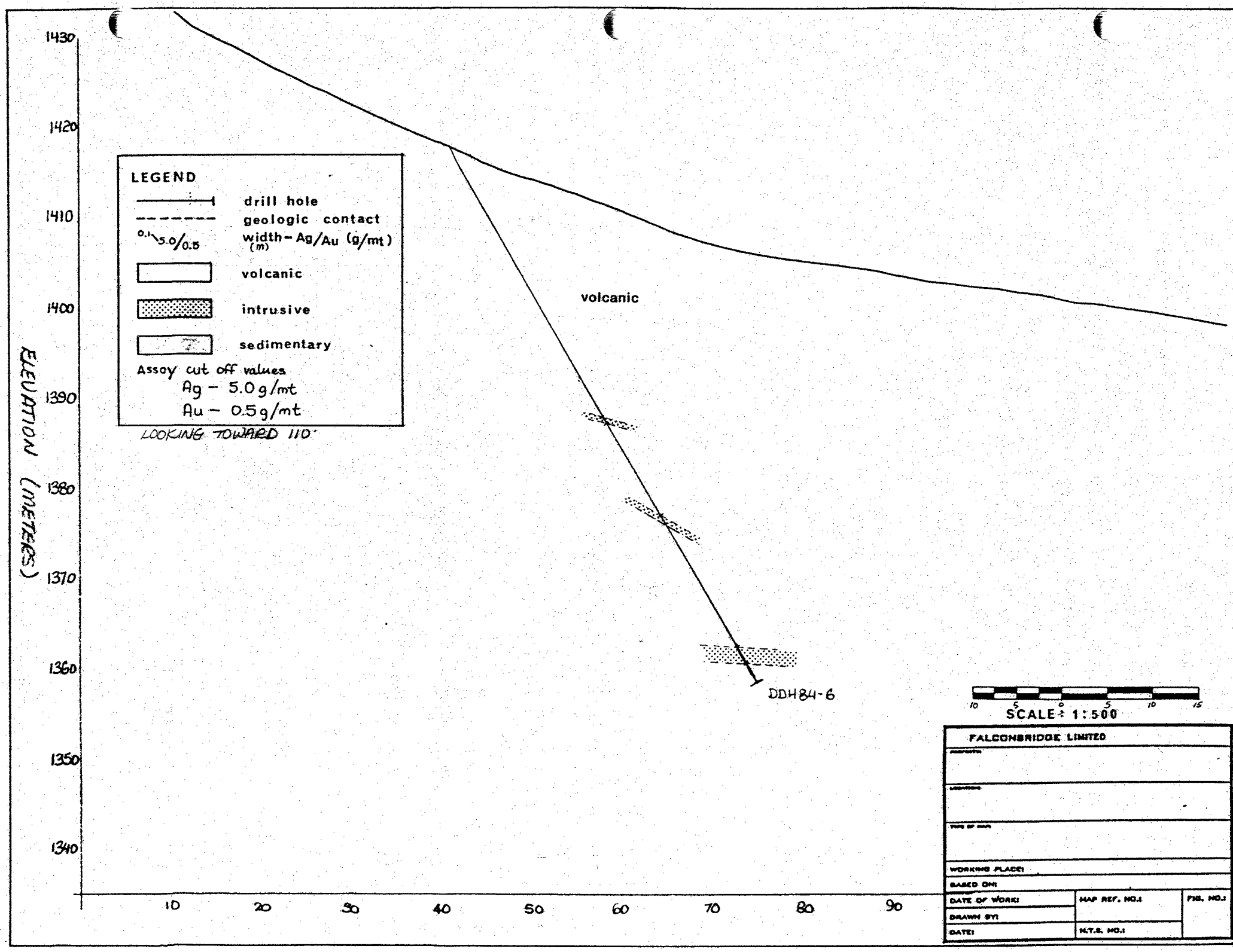
DEPTH (metres) From	To	RECOV'Y RQD	Core	DESCRIPTION	INTERSECTION ANGLE	GRAPHIC 1:500
				168.0-207.0 LT GRAY-BLUE INTERM VOLC., WEAKLY BLEACHED AND SILICIFIED. TR PY + PO, HARDNESS 5-6. VERY LITTLE FRACTURING OR VEINING.		
				EOH		

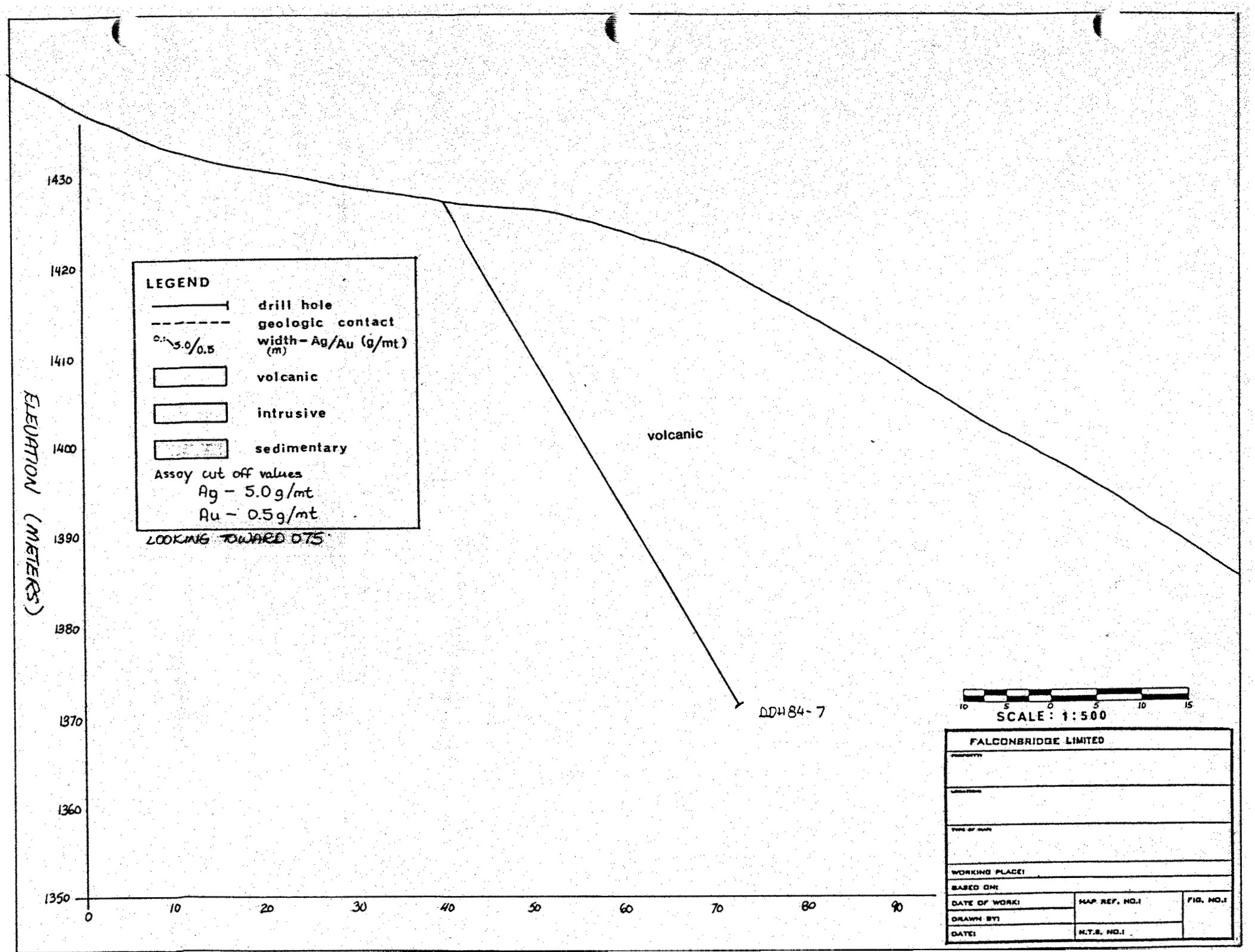
SAMPLES No.	From	To	W	ASSAYS As	Pb	Zn	g/mt. Ag	Au
21842	173.5		6.5'	23	25	81	0.9	0.08
21843	180.0		6.5'	25	20	78	0.9	0.04
21844	186.5		6.5'	58	77	141	0.9	0.03
21845	193.0		6.5'	29	27	68	0.8	0.02
21846	199.5		7.5'	38	22	56	0.6	0.05
21847	207.0			54	35	59	0.6	0.04

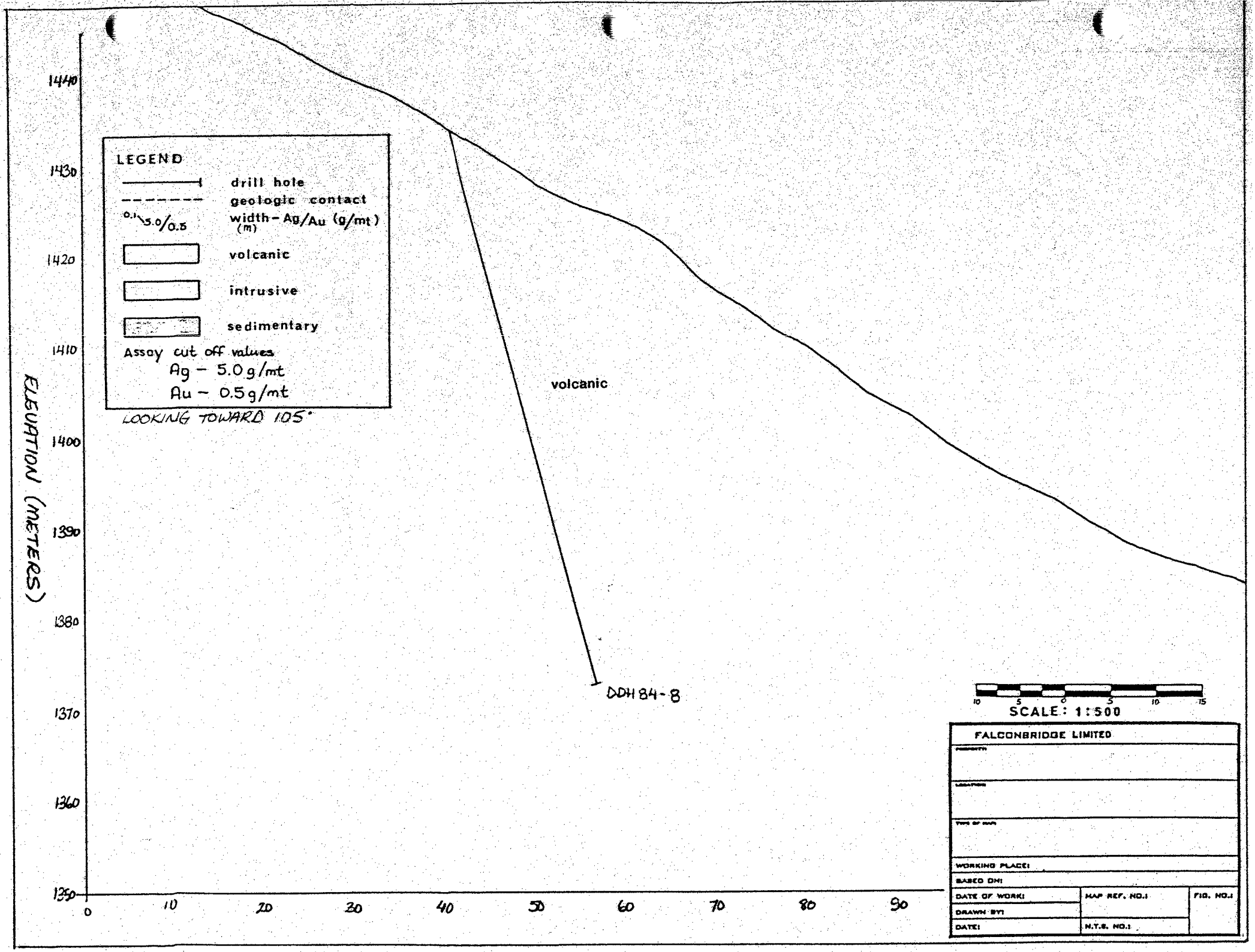

LEGEND
drill hole
geologic contact
0.1 5.0/0.8 width (m) – Ag/Au (g/mt)
volcanic
intrusive
sedimentary
Assay cut off values
Ag – 5.0 g/mt
Au – 0.5 g/mt
LOOKING TOWARD 098°
ELEVATION (METERS)
570
560
550
540
530
520
510
500
490
0.60 14.8/0.23
volcanic
2.0 1.5/0.64
0.49 7.4/0.05
0.43 5.7/0.34
1.0 3.0/0.53
1.3 7.6/0.19
0.9 6.6/0.26
0.37 10.0/0.41
0.79 5.1/0.88
2.00 0.7/0.56
DDH84-2
DDH84-1
10 5 0 5 10 15
SCALE: 1:500
FALCONBRIDGE LIMITED
PROPERTY NAKUSP 096
LOCATION TYEE / CARIBOU CREEK
TYPE OF WORK DDH84-1 / DDH84-2
WORKING PLACE:
BASED ON:
DATE OF WORK:
MAP REF. NO.:
FIG. NO.:
DRAWN BY:
DATE:
N.T.S. NO.:

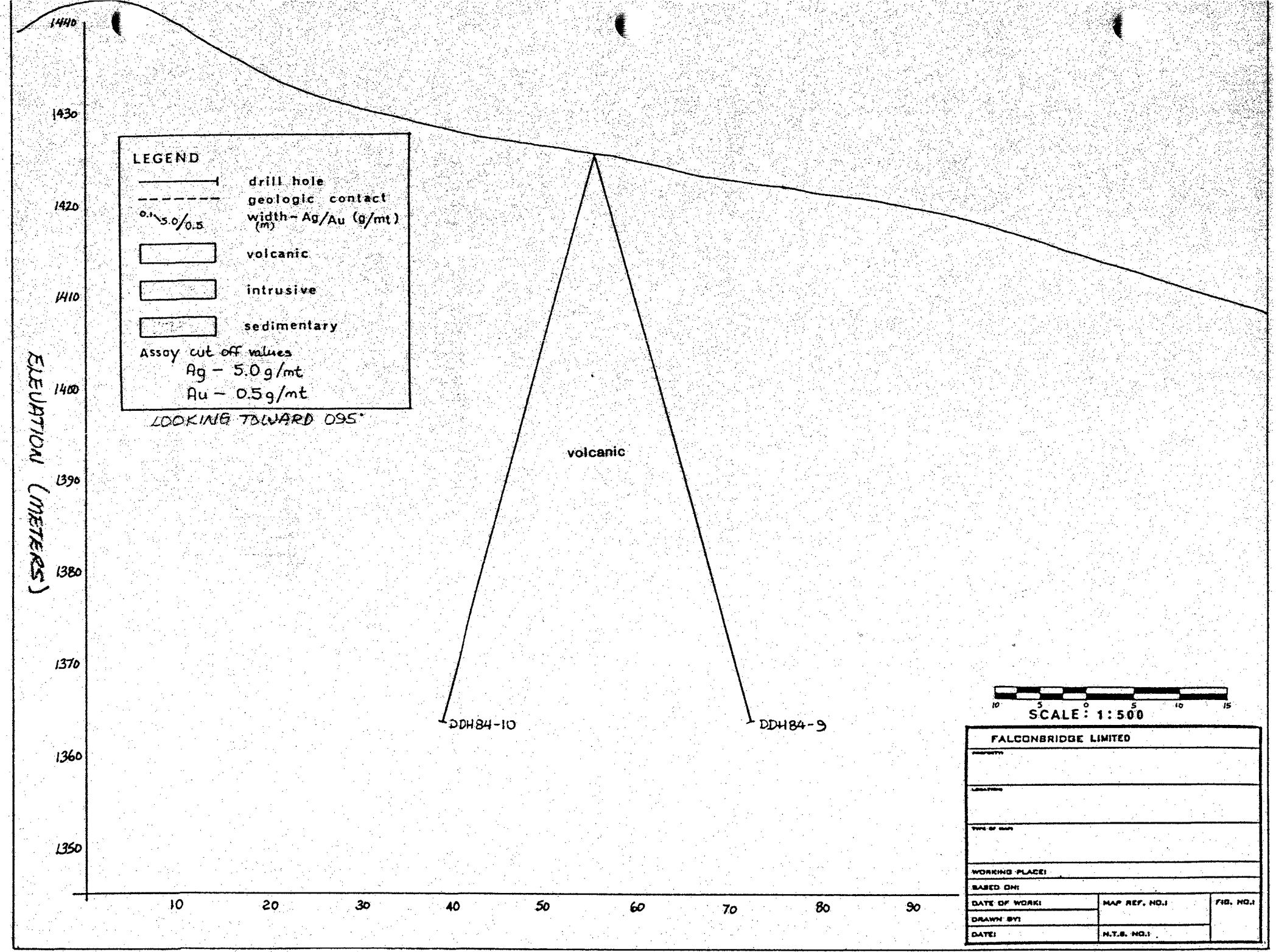

LEGEND
drill hole
geologic contact
0.1 5.0/0.5 width – Ag/Au (g/mt) (m)
volcanic
intrusive
sedimentary
Assay cut off values
Ag – 5.0 g/mt
Au – 0.5 g/mt
LOOKING TOWARD 040°
ELEVATION (METERS)
1550
1530
1510
1500
1490
1480
1470
10
20
30
40
50
60
70
80
BLEACHED/ALTERED ZONE
2.0 0.5/1.2
BLEACHED/ALTERED ZONE
1.7 1.2/0.95
DDH 84-3
volcanic
0.60 11.8/0.23
0.19 7.4/0.05
0.43 5.7/0.34
0.31 10.0/0.41
0.79 5.1/0.88
2.00 0.7/0.56
DDH 84-1
SCALE: 1:500
FALCONBRIDGE LIMITED
NAK 'SP CS's
TYEE / CARIBOU CREEK
DDH 84-1 / DDH 84-3
WORKING PLACE:
BASED ON:
DATE OF WORK:
MAP REF. NO.:
FIG. NO.:
DRAWN BY:
DATE:
N.T.S. NO.:


LEGEND
drill hole
geologic contact
0.1 5.0/0.5 width (m) – Ag/Au (g/mt)
volcanic
intrusive
sedimentary
Assay cut off values
Ag – 5.0 g/mt
Au – 0.5 g/mt
LOOKING TOWARD 045°
ELEVATION (METERS)
1430
1420
1410
1400
1390
1380
1370
1360
1350
1340
0
10
20
30
40
50
60
70
80
90
MAFIC DYKE
INTERMEDIATE/TUFFACEOUS VOLCANICS
BLEACHED/ALTERED VOLCANICS
DDH84-4
DDH84-5
10
5
0
5
10
15
SCALE: 1:500
FALCONBRIDGE LIMITED
PROPERTY
DESCRIPTION
TYPE OF MAP
WORKING PLACE
BASED ON
DATE OF WORK
DRAWN BY
DATE
MAP REF. NO.
N.T.S. NO.
FIG. NO.


LEGEND
drill hole
geologic contact
0.1 5.0/0.5 width (m) – Ag/Au (g/mt)
volcanic
intrusive
sedimentary
Assay cut off values
Ag – 5.0 g/mt
Au – 0.5 g/mt
LOOKING TOWARD 110°
volcanic
DDH84-6
ELEVATION (METERS)
1430
1420
1410
1400
1390
1380
1370
1360
1350
1340
10
20
30
40
50
60
70
80
90
10 5 0 5 10 15
SCALE: 1:500
FALCONBRIDGE LIMITED
PROPERTY:
LOCATION:
TYPE OF WORK:
WORKING PLACE:
BASED ON:
DATE OF WORK:
MAP REF. NO.:
FIG. NO.:
DRAWN BY:
DATE:
N.T.S. NO.:


LEGEND
drill hole
geologic contact
width (m) – Ag/Au (g/mt)
5.0/0.5
volcanic
intrusive
sedimentary
Assay cut off values
Ag – 5.0 g/mt
Au – 0.5 g/mt
LOOKING TOWARD 075
ELEVATION (METERS)
1430
1420
1410
1400
1390
1380
1370
1360
1350
0
10
20
30
40
50
60
70
80
90
volcanic
DDH84-7
10 5 0 5 10 15
SCALE : 1:500
FALCONBRIDGE LIMITED
WORKING PLACE:
BASED ON:
DATE OF WORK:
MAP REF. NO.:
FIG. NO.:
DRAWN BY:
DATE:
N.T.S. NO.:


LEGEND
drill hole
geologic contact
0.1 / 5.0 / 0.5 width (m) - Ag/Au (g/mt)
volcanic
intrusive
sedimentary
Assay cut off values
Ag - 5.0 g/mt
Au - 0.5 g/mt
LOOKING TOWARD 105°
ELEVATION (METERS)
1440
1430
1420
1410
1400
1390
1380
1370
1360
1350
0
10
20
30
40
50
60
70
80
90
volcanic
DDH 84-8
10 5 0 5 10 15
SCALE: 1:500
FALCONBRIDGE LIMITED
PROPERTY
LOCATION
TYPE OF MAP
WORKING PLACE:
BASED ON:
DATE OF WORK:
MAP REF. NO.:
FIG. NO.:
DRAWN BY:
DATE:
N.T.S. NO.:


1440
1430
1420
1410
1400
1390
1380
1370
1360
1350
ELEVATION (METERS)
LEGEND
drill hole
geologic contact
0.1 5.0/0.5 width (m) - Ag/Au (g/mt)
volcanic
intrusive
sedimentary
Assay cut off values
Ag - 5.0 g/mt
Au - 0.5 g/mt
LOOKING TOWARD 095°
volcanic
DDH84-10
DDH84-9
10
20
30
40
50
60
70
80
90
10 5 0 5 10 15
SCALE: 1:500
FALCONBRIDGE LIMITED
PROPERTY:
LOCATION:
TYPE OF SURVEY:
WORKING PLACE:
BASED ON:
DATE OF WORK:
MAP REF. NO.:
FIG. NO.:
DRAWN BY:
DATE:
N.T.S. NO.:

STATEMENT OF QUALIFICATIONS

I, Kenneth Hicks, do hereby certify that:

1. I am a geologist with residence at 7700 115th Street, Delta, British Columbia, V4C 5M8.

2. I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology (1982).

3. I have practiced in the field of mineral exploration since 1978.

4. I was employed by Falconbridge Limited to manage the field program outlined in the accompanying report.

5. I have no financial or legal interest in the mineral properties herein described.

Respectfully Submitted,

Ken Hicks

Ken Hicks
Geologist