85-229-13706

FALCONBRIDGE LIMITED

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL

ASSESSMENT REPORT

ON THE

NITINAT CLAIMS

ALBERNI
~~NANAIMO~~ M.D.

NTS 92C 15E Latitude 48 52' Longitude 124 41'

T. Chandler
K. Hudson

March, 1985
REPORT #157-100-84

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APPENDICES

FIGURES AND TABLES

A. INTRODUCTION

This report summarizes field work carried out on the Nitinat property from August to October, 1984, by a two to four person crew. A total of 31.5 km of grid lines were established. Soil geochemical sampling, VLF-EM 16 geophysical surveys and geological mapping were carried out along the grid lines. Roadcuts within the claim area were also mapped. Channel rock chip samples were taken of visibly mineralized rocks. Soil samples were taken at 50m intervals over the entire grid area with a follow-up grid of intermediate lines in the northwest quadrant which were sampled every 25 metres. A suite of nine polished thin sections were analyzed by Vancouver Petrographics and made available for this report (Appendix 2).

Geochemical sampling outlined an area of anomalous zinc, lead and silver values in the northwest quadrant of the grid area. The source of these anomalies will be investigated in the 1985 season.

Surface mineralization on the property consist of pyritization associated with widespread alteration, shears and dykes; a pod of massive pyrite and associated chalcopyrite and sphalerite in intermediate volcanics; and a veinlet of galena within a limestone bed in the northwest region of the property.

B. LOCATION AND ACCESS

The NI property is located on the West Coast of Vancouver Island 6 km north of the northern end of Nitinat Lake. The claims are situated west and east of Little Nitnat River. Access es by public road from Cowichan Lake to the east or from Port Alberni to the northwest. A few overgrown logging roads provide restricted access within the claim group.

C. CLAIM STATUS

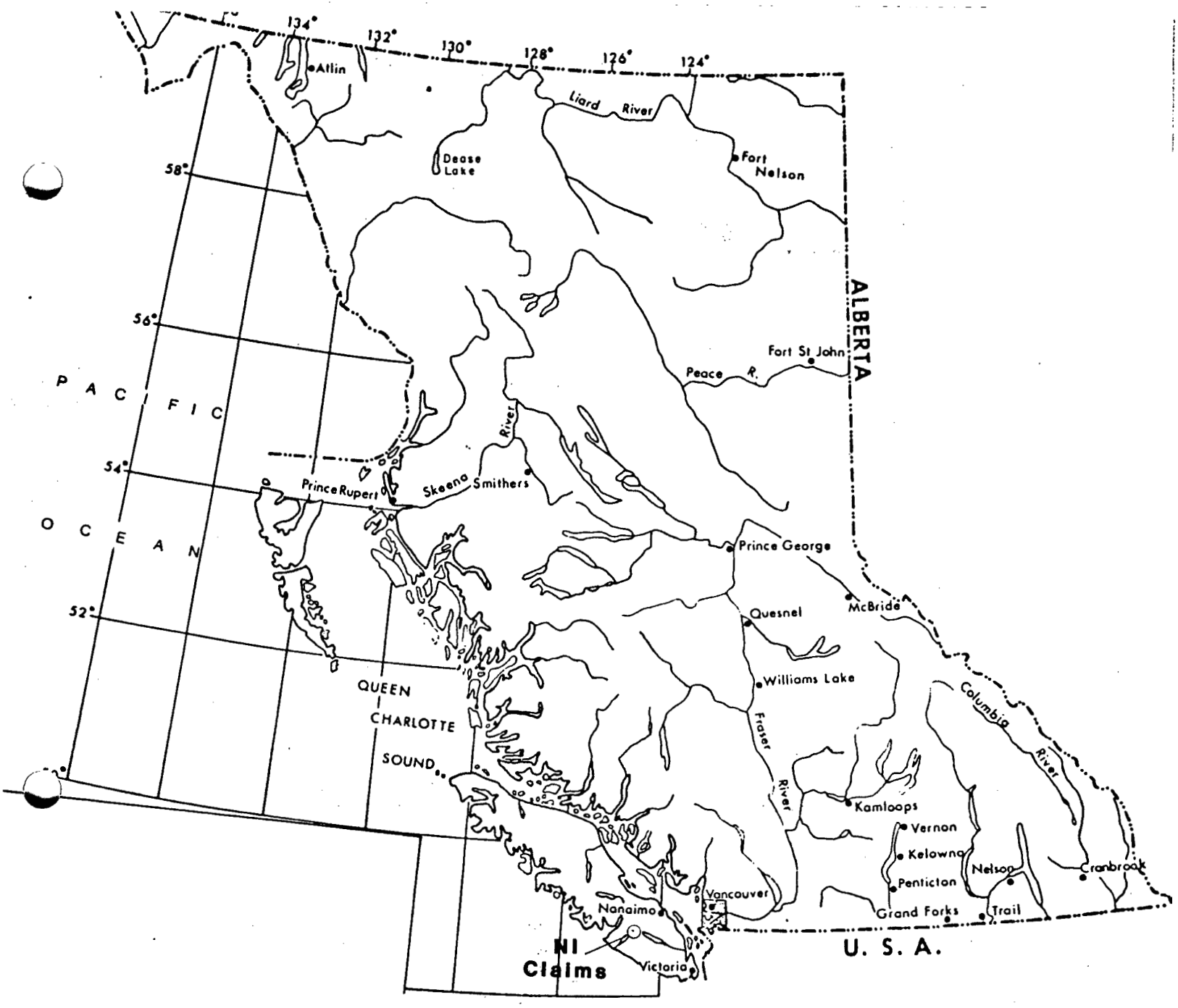
The Nitinat property consists of one modified grid located claim totalling approximately 20 units. The claim has been slightly reduced due to partially overlapping existing claims. Ron Bilquist and Les Allen orginally staked these claims. They are currently under option to Falconbridge.

Claim Name	Record No.	Expiry Date
NI #1	2184	May 23, 1985.

D. REGIONAL GEOLOGY

Table 1 and Figure 4 (Muller, 1981) summarize the regional stratigraphy of Vancouver Island.

The oldest rocks are the Paleozoic Sicker Group consisting of a lower volcanic and an upper sedimentary unit. The Sicker Group



INDEX MAP

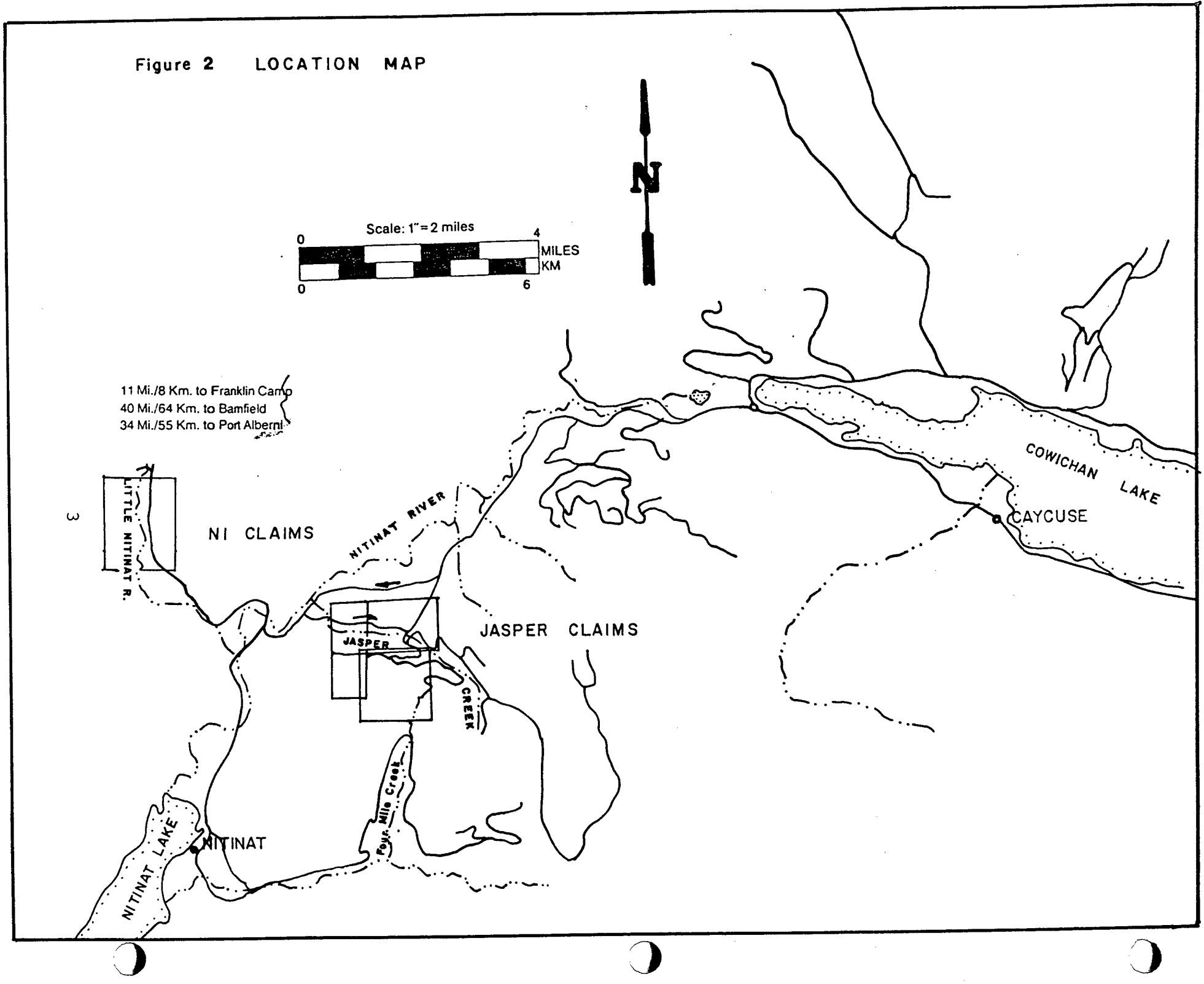
BRITISH COLUMBIA

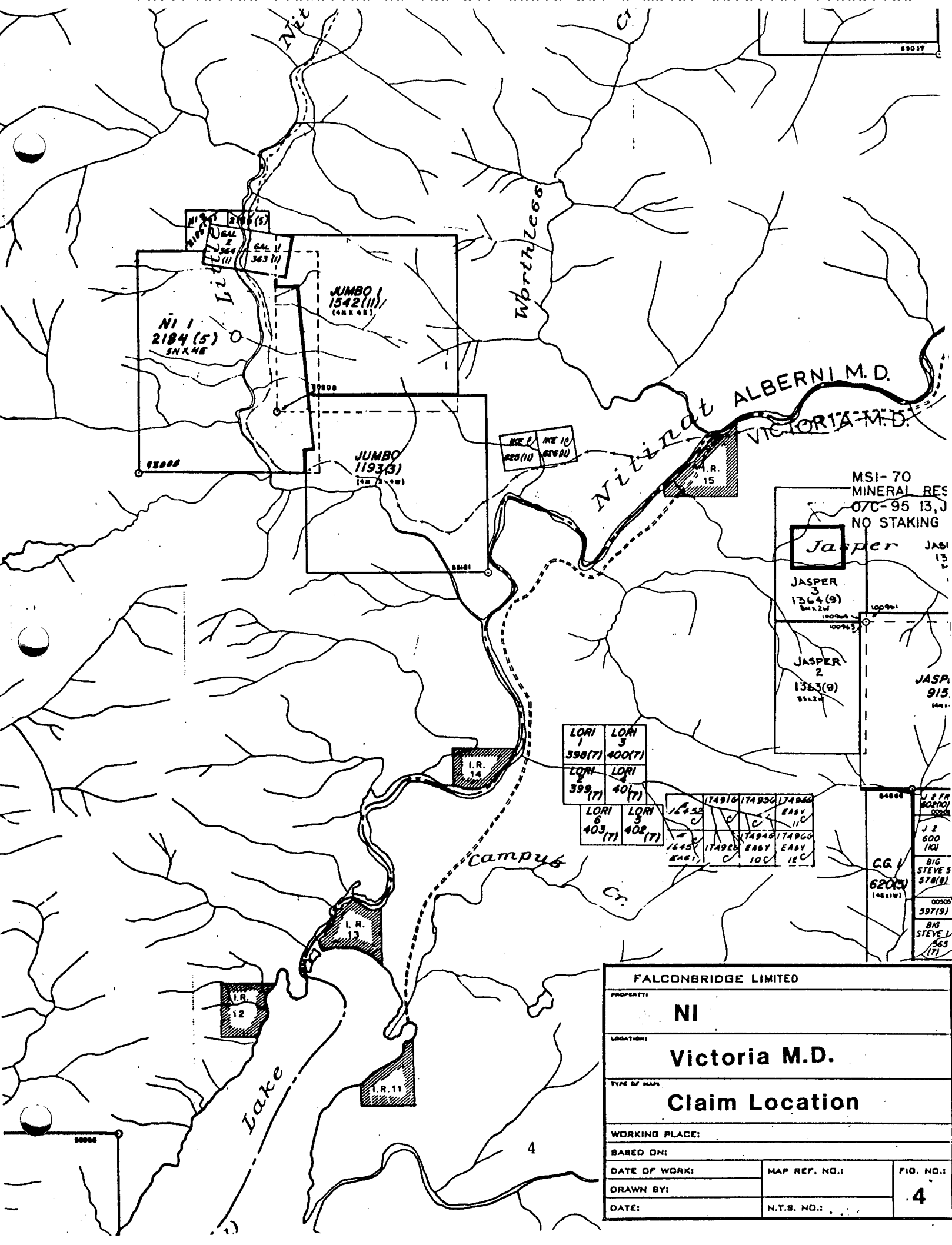
Fig. 1

150 0 150 300 450 Km.

SCALE 1: 7·500·000

Figure 2 LOCATION MAP





FALCONBRIDGE LIMITED		
PROPERTY: **NI**		
LOCATION: **Victoria M.D.**		
TYPE OF MAP: **Claim Location**		
WORKING PLACE:		
BASED ON:		
DATE OF WORK:	MAP REF. NO.:	FIG. NO.: 4
DRAWN BY:		
DATE:	N.T.S. NO.:	

averages 4,400m in thickness; the lower 3000m consists of pillowed and agglomerate basalts, pyroclastics, argillite and chert. The upper 1400m of sediments includes some limestone. Folding and metamorphosis has produced chlorite-actinolite and chlorite-sericite schists. Structures are mainly overturned and isoclinal folds indicating two or more phases of tectonism (Muller, 1981).

The Vancouver Group of late to middle Triassic age dominates the island's lithologies and averages 6,100m in thickness (Muller, 1980). The group is composed of Karmutsen Formation volcanics, capped by Quatsino Formation limestones and Parson Bay Formation calcareous sediments.

The Karmutsen Formation consists of tholeiitic ocean floor pillow lavas, massive flows, breccias and tuffs with minor layers of limestone and other sediments in the upper 1,100m. In central Vancouver Island this formation reaches a thickness of 6000m while in the southwest region the estimated thickness is between 1000 and 2000 metres (Muller, 1976). Large scale northerly and westerly trending block faulting is common. Burial metamorphism has reached prehnite-pumpellyite grade (Kuniyoshi, 1971).

Quatsino Formation overlies the Karmutsen and consists of mainly massive, fairly pure, flat lying limestone of upper Triassic Age.

The early Jurassic Bonanza Group (Muller, 1977) is described as having a varied and heterogeneous lithology. The lavas range in composition from basaltic andesites which are commonly amygdaloidal, to rhyodacites. Interbedded with these flows are maroon and green coloured tuffs breccias and several intercalated marine sediments. Regional metamorphism has reached zeolite grade.

Island Intrusions form NW trending regions in the southwest part of Vancouver Island. These intrusions are mainly quartz diorite and granodiorite and post date the Bonanza volcanics.

E. PROPERTY GEOLOGY

Mafic and intermediate pyroclastics and flows dominate the map area. Felsic volcanics form lenses largely associated with intermediate volcanics. Lenses of limestone occur within the intermediate volcanics and to a lesser extent within the mafic volcanics of the southern map area are. A discontinuous bed of mudstone is also associated with these southern mafic volcanics. Dykes of felsic and intermediate composition strike parallel to local fracture patterns throughout the property. A diorite sill occurs along an intermediate-felsic volcanic contact in the southeast map area.

Generally, the volcanics and sediments trend 090 to 110 degrees with a steep SW dip. However, in the central map area the units trend approximately 160 degrees. The variation in contact orientation as well as the lensed effect of the volcanics may result from irregularities in paleotopography over which the successive units were laid down and eroded intermittently.

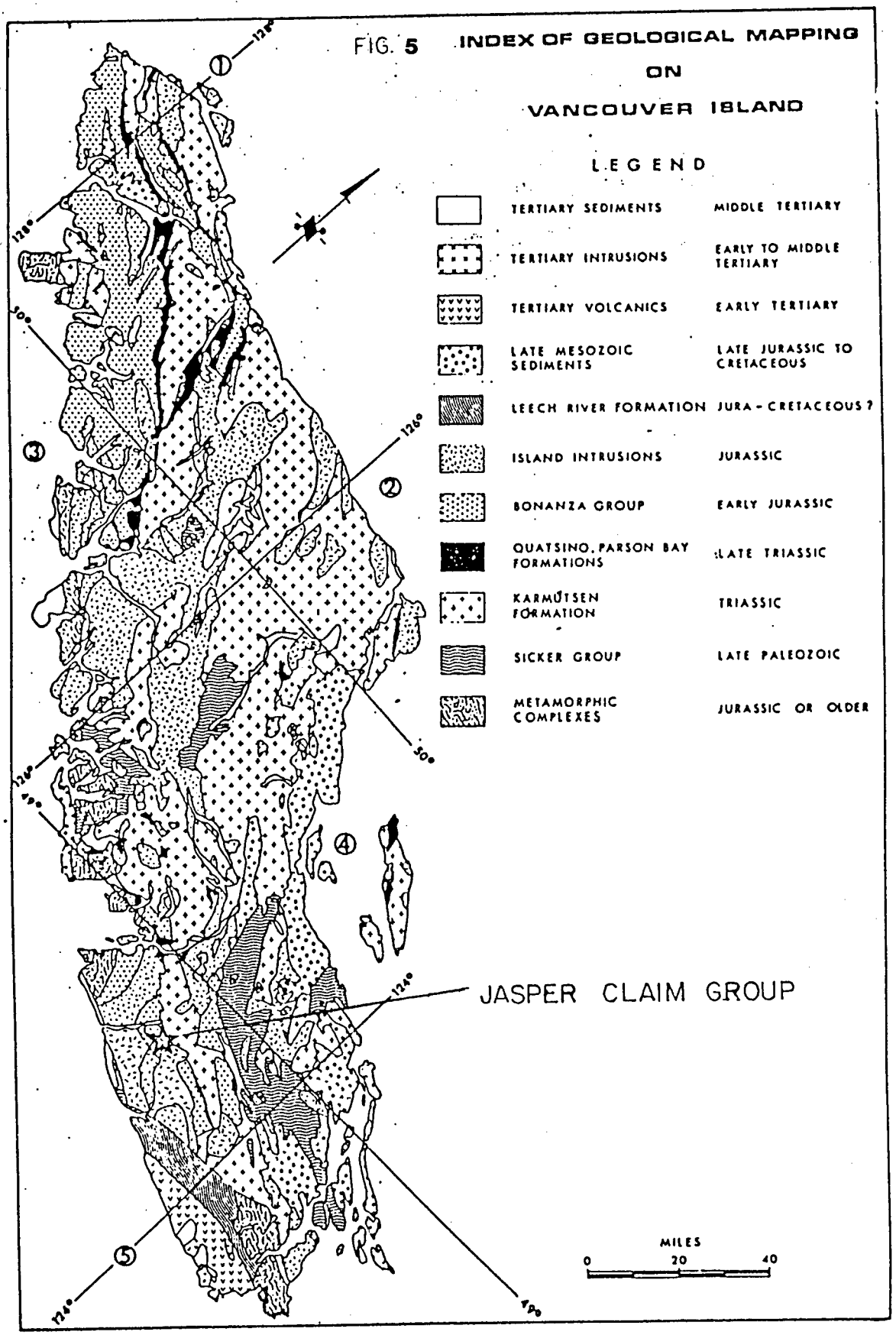


FIG. 5 INDEX OF GEOLOGICAL MAPPING ON VANCOUVER ISLAND
LEGEND
TERTIARY SEDIMENTS
MIDDLE TERTIARY
TERTIARY INTRUSIONS
EARLY TO MIDDLE TERTIARY
TERTIARY VOLCANICS
EARLY TERTIARY
LATE MESOZOIC SEDIMENTS
LATE JURASSIC TO CRETACEOUS
LEECH RIVER FORMATION
JURA - CRETACEOUS ?
ISLAND INTRUSIONS
JURASSIC
BONANZA GROUP
EARLY JURASSIC
QUATSINO, PARSON BAY FORMATIONS
LATE TRIASSIC
KARMUTSEN FORMATION
TRIASSIC
SICKER GROUP
LATE PALEOZOIC
METAMORPHIC COMPLEXES
JURASSIC OR OLDER
JASPER CLAIM GROUP
MILES
0
20
40
128°
126°
124°
50°
49°
①
②
③
④
⑤

TABLE 1: TABLE OF FORMATIONS OF VANCOUVER ISLAND

SEQUENTIAL LAYERED ROCKS

PERIOD		STAGE	GROUP	FORMATION	SYMBOL	AVE. THICK. m	LITHOLOGY
CENOZOIC				late Tert. volcs of Port McNeill	Tvs		
				SOOKE BAY	mpTsB		conglomerate, sandstone, shale
		EOCENE to		CARMANAH	eoTc	1,200	sandstone, siltstone, coglomerate
		OLIGOCENE		ESCALANTE	eTE	300	conglomerate, sandstone
		early EOCENE		METCHOSIN	eTM	3,000	basaltic lava, pillow lava, breccia, tuff
MESOZOIC	LATE	MAESTRICHTIAN	NANAIMO	GABRIOLA	uKGA	350	sandstone, conglomerate
				SPRAY	uKS	200	shale, siltstone
		CAMPANIAN		GEOFFREY	uKG	150	conglomerate, sandstone
				NORTHUMBERLAND	uKN	250	siltstone, shale, sandstone
				DE COURCY	uKDC	350	conglomerate, sandstone
				CEDAR DISTRICT	uKCD	300	shale, siltstone, sandstone
				EXTENSION - PROTECTION	uKEP	300	conglomerate, sandstone, shale, coal
				HASLAM	uKH	200	shale, siltstone, sandstone
		SANTONIAN		COMOX	uKC	350	sandstone, conglomerate, shale, coal
	EARLY	CENOMANIAN	QUEEN	Conglomerate Unit	lKQC	900	conglomerate, greywacke
		ALBIAN APTIAN?	CHARLOTTE	Siltstone Shale Unit	lKQP	50	siltstone, shale
		VALANGINIAN BARREMIAN		LONGARM	lKL	250	greywacke, conglomerate, siltstone
	JURASSIC	TITHONIAN CALLOVIAN		Upper Jurassic Sediment Unit	uJS	500	siltstone, argillite, conglomerate
		TOARCIAN?	BONANZA	Volcanics	lJB	1,500	basaltic to rhyolitic lava, tuff, breccia, minor argillite, greywacke
		PLIENSBACHIAN SINEMURIAN		HARBLEDOWN	lJH		argillite, greywacke, tuff
	TRIASSIC	NORIAN	VANCOUVER	PARSON BAY	uRPB	450	calcareous siltstone, greywacke, silty-limestone, minor conglomerate, breccia
		KARNIAN		QUATSINO	uRQ	400	limestone
				KARMUTSEN	muRK	4,500	basalic lava, pillow lava, breccia, tuff
		LADINIAN		Sediment - Sill Unit	T ds	750	metasiltstone, diabase, limestone
PALEOZOIC	PENN. and ? PERM.		SICKER	BUTTLE LAKE	CPBL	300	limestone, chert
				Sediments	CPSs	600	metagreywacke, argillite, schist, marble
				Volcanics	CPSv	2,000	basaltic to rhyolitic metavolcanic flows, tuff, agglomerate
	DEV. or EARLIER						

CRYSTALLINE ROCKS, COMPLEXES OF POORLY DEFINED AGE

NAME	SYMBOL	ISOTOPIC AGE Pb/U	ISOTOPIC AGE K/Ar	LITHOLOGY
SOOKE INTRUSIONS - silicic	Tg		32-59	quartzdiorite, trondhjemite, agmatite, porphyry
SOOKE INTRUSIONS - basic	Tgb		31-49	gabbro, anorthosite, agmatite
METCHOSIN SCHIST, GNEISS	TMn		47	chlorite schist, gneissic amphibolite
LEECH RIVER FM.	JKL		38-41	phyllite, mica schist, greywacke, argillite, chert
PACIFIC RIM COMPLEX	JKP			greywacke, argillite, chert, basic volcanics, limestone
ISLAND INTRUSIONS	Jg		141-181	granodiorite, quartzdiorite, granite, quartz monzonite
WESTCOAST COMPLEX silicic	PMns	264	163-192	quartz-feldspargneiss, metaquartzite, marble
WESTCOAST COMPLEX basic	PMnb			hornblende-plagioclase gneiss, quartz diorite, agmatite, amphibolite
diabase sills	PRb			
metavolcanic rocks	PMmv			metavolcanic rocks, minor metasediments; limestone, marble
TYEE INTRUSIONS	Pg	>390		metagranodiorite, metaquartzdiorite, metaquartz porphyry
COLQUITZ GNEISS	Pns	>390		quartz feldspar gneiss
WARK DIORITE GNEISS	Pnb	>200	163-182	hornblende-plagioclase gneiss quartz diorite, amphibolite

(a) Lithology

UNIT 2m - Mafic Tuffs and Flows

Mafic volcanic flows in the southwest form wide zones trending approximately 110 degrees, with minor intercalated limestone and mudstone beds as well as felsic and intermediate volcanics. In the northeast quadrant broad zones of mafic and intermediate volcanics strike in a 090 degree direction. The mafic volcanics are massive or porphyritic with minor hematized regions.

On weathered surface the mafic volcanics are a forest green color or occasionally powdery orange. The hematized variety has a reddish-grey exposed surface. The weathering rind is often 5mm deep.

Massive mafic volcanics are fine to medium grained flows and tuffs. The benched nature of some outcrops may indicate several successive flows each less than one metre thick. The basaltic tuff is composed of fine plagioclase-chlorite-hematite intergrowths surrounding porphyritic volcanic fragments and rounded quartz fragments (Appendix 2).

Porphyritic mafic volcanics are composed of hornblende and feldspar phenocrysts in a highly chloritized fine grained matrix. The feldspars are commonly altered to clays and feldspar. The porphyritic textured volcanics may be derived from the center of thick flows where slower cooling allowed for longer crystal growth.

The massive and porphyritic volcanics are hematized in discrete localities although it is not a common feature of this property. The hematization may be an indication of local subaerial emplacement of the volcanics (Tipper & Richards). The mafic volcanics display some vesicular texture with local quartz infillings. Veinlets of quartz and calcite commonly fill the fracture network of the mafic volcanics. This mafic volcanic unit may be correlative with the basaltic andesites by Muller (1979) and may also indicate highly chloritized dacites.

UNIT 2i - Intermediate tuffs and flows

The intermediate volcanics dominate the central map area in the form of thick flows and narrow laminated tuffs. Minor felsic and mafic volcanics as well as substantial limestone beds are interbedded within the intermediate volcanics. The mafic volcanic-intermediate volcanic contacts are of both a gradational and sharp nature.

The weathered surface is a greenish-grey color with a local rusty pocked texture from weathered out pyrite. Manganese and limonite stains occur along the fine system of fractures.

These volcanics have a porphyritic and a massive character. The porphyritic volcanics are flows composed of feldspars up to 2mm long and minor euhedral pyroxene crystals in a fine intergrowth of quartz and plagioclase. The feldspar laths have been locally replaced by calcite and clays. The massive volcanics are fine to medium grained

flows and tuffs. Crude flow banded texture was observed along the banks of the Little Nitinat River where quartz and feldspar streaks were subparallel to chlorite rich indistinct layers. The tuffs are composed of fine intergrowths of plagioclase-quartz and sericite which form streaky patches and crude laminations. A slumped texture of the laminated tuff was noted in the field. Cubes of pyrite are disseminated throughout the tuffs. Hematization of intermediate volcanics occurs in the northwest map area. The porphyritic texture and the color suggest these intermediate volcanics are analagous to dacite within the Bonanza volcanics described by Muller (1974).

NIT 2f - Felsic Volcanic Tuffs and Flows

Felsic volcanics generally occur in association with intermediate volcanics. The weathered surface is mottled looking, often with a pale pink hue. The fresh surface is a grey-white to pale green color. Limonite and manganese staining of the weathered surface is common.

Phenocrysts of feldspar and quartz in a siliceous matrix are common to the felsic volcanic unit. Many fracture surfaces have a calcareous coating. These volcanics appear to be of rhyolitic to rhyodacitic composition.

UNIT 3ls - Limestone

Limestone lenses strike approximately 110 degrees in sharp irregular contact with the volcanic units. It has a smooth orange or pale grey weathered surface which is sometimes pock marked by relict pyrite. Fresh surface is pale grey to indigo blue color or, a mottled green and grey color. The limestone is medium to coarse grained with wisps of a mafic material up to 1mm long.

UNIT 3mst - Mudstone

The mudstone lies in undulatory contact with felsic and mafic volcancis. It is a very fine grained and homogeneous sediment which has been hematized.

UNIT 1ip - Diorite Sill

A diorite sill intrudes along a contact of intermediate and felsic volcanics in the SE map area. It is even and medium grained. Massive and prophyritic dykes of mafic, intermediate and felsic composition occur dominantly in the south and east map areas.

(b) Alteration

The volcanic and sedimentary units underlying the Ni Claims have undergone a regional low grade greenschist facies metamorphism. An argillic alteration assemblage is superimposed locally on the regional alteration. It is most pronounced in the dacites of the central map regions and to a lesser extent occurs in the mafic volcanics. Subse-

quent calcite alteration effects all the units. Intense silicification of intermediate volcanics is associated with major faulting.

Epidote and chlorite occur as inclusions in plagioclase phenocrysts, in the matrix of the volcanics and as fracture coatings. Subrounded pyrite grains are often associated with epidote. This chlorite-pyrite-epidote alteration assemblage, observed in all the volcanic units, suggests greenschist metamorphism.

The argillic alteration zones are easily recognized by their powdery bleached appearance, often with a pastel yellow hue to the fresh surface. The feldspars have been completely altered to kaolinite, sericite, illite and montmorillanite. Sericite also forms grains surrounding phenocrysts and indistinct streaky patches. Subrounded pyrite gains are disseminated throughout the altered zones within the kaolinite and sericite.

Calcite alteration is superimposed on the sericite-clay and epidote-pyrite-chlorite alteration assemblages. It takes the form of indistinct calcite layers, replaced phenocrysts and fracture coatings.

One unit composed of 82% quartz in the form of fine rounded grains and microvienlets occurs along the northern extent of the Little Nitinat River. The other major mineral present is sericite. Pyrite is disseminated throughout the zone and locally weathered out leaving limonite stained cavities. From thin section analysis this rock is thought to be either a sericitic chert or a silicified volcanic. In the field the quartz rich unit is paralleled by mafic volcanic contacts. The trend of these rocks however, is strongly divergent from the general trend of the property. Possibly the mafic volcanic unit is actually a highly chloritized dacite zone parallel to intermediate volcanics which have been intensely silicified. The silification and pyritization may be associated with faulting along the Little Nitinat river. Tabular sericite aggregates after feldspar support the theory that this unit is a silicified volcanic.

(c) Structure

The volcanic and sedimentary units within the map area dip steeply to the W-SW with local variations in trend. An equal area plot of 30 field measurements indicate that contact orientations cluster at 090/84S, 110/86SW and 161/63W (Figure 4). The central map area trends 161 degrees while the surrounding area varies between 090 and 110 degrees. The variation may be a result of the irregularities of paleotopography.

Fractures are common in the volcanics often forming a fine network with manganese, limonite, calcite and quartz coating fracture surfaces. Local conjugate fracture patterns occur but generally, the fracture pattern appears to be the result of several stress fields.

Among the twelve shears measured there is a dominant steep SW dip that trends between 120 and 160 degrees.

A fault approximately 600m in length and trending 190 degrees in

CONTOURED DENSITY PLOT OF CONTACTS

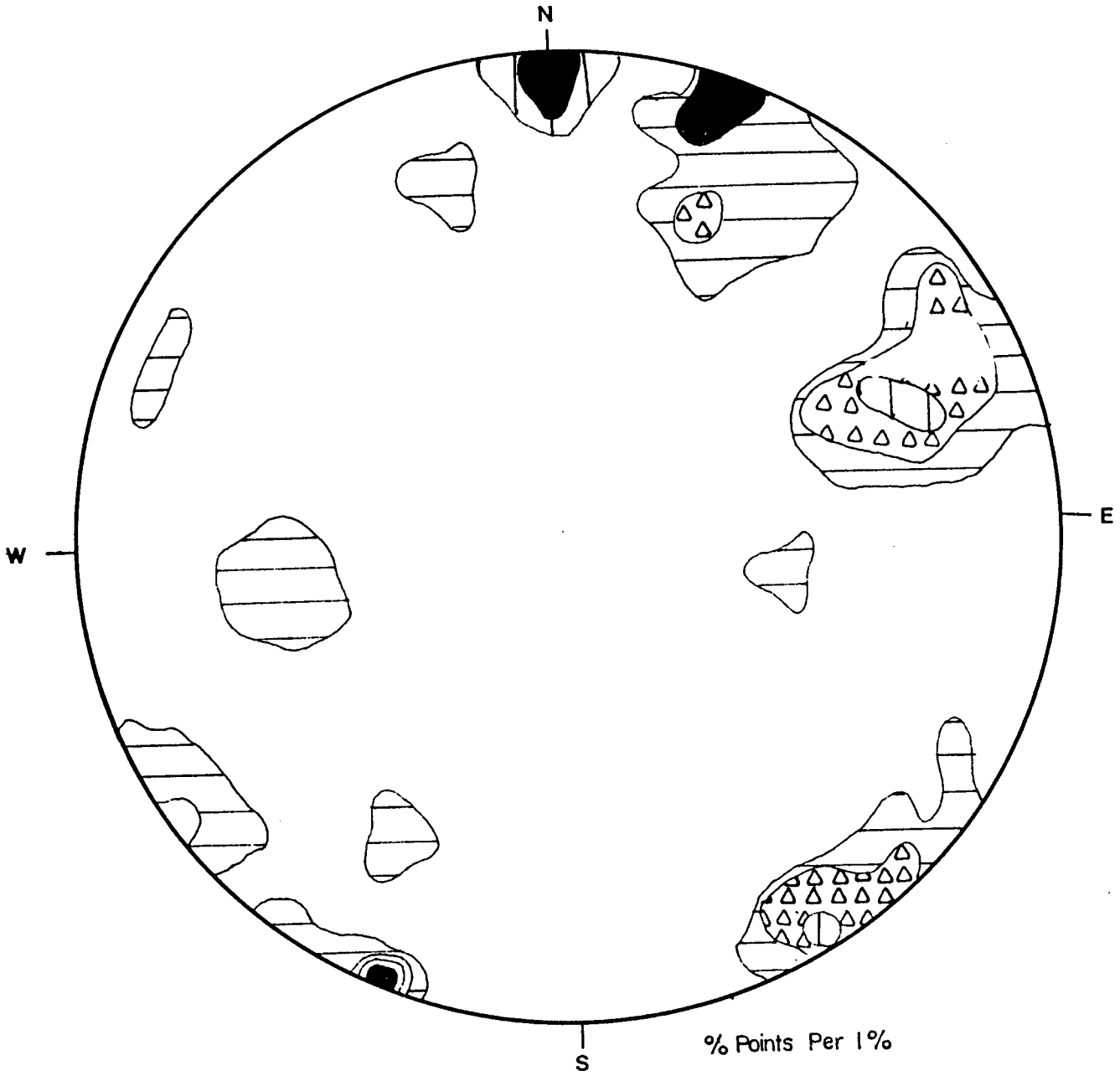


FIGURE 6

the southeast map region is suggested by field data. There is no correlating lineation on the air photo but a major parallel lineation occurs 200m to the east. A second fault is thought to occur along the northern section of the Little Nitinat River which is offset by a fault at 108 degrees. This zone is marked by extreme pyritization and silicification. Air photo lineations correspond to these fault orientations. This northern fault is also proposed by Muller (1976).

(d) Mineralization

Mineralization on the property consists of pyritization associated with widespread alteration, shears and dykes, a pod of massive pyrite, chalcopyrite and sphalerite in intermediate volcanics and a veinlet of galena in limestone.

Most of the mafic volcanics do not contain visible sulphides. Local pyritization occurs in the form of fine disseminated grains or pyrite cubes up to 2mm across. Micro sphalerite and chalcopyrite related to epidote was found to occur in this unit. An estimated one to two percent magnetite occurs in many of the mafic volcanics with local hematite alteration. A subrounded boulder approximately 0.25m across which was heavily limonite and manganese stained and contained abundant pyrrho-tite and chalcedony veinlets was found on line 300 E 1200 S on a slope of 15 degrees towards 050 degrees. No outcrop source of it was located.

Lithogeochemical analysis showed trace element values were well below anomaly levels as were base and precious metal values. Mercury and barium values displayed a wide variation (Appendix 1).

Sulphides were not visible in most of the intermediate volcanics. Moderate disseminated pyrite occurs in some of the bleached and argillically altered regions. Microscopic sphalerite and chalcopyrite are associated with the pyrite. Inclusions of chalcopyrite and galena were seen in disseminated micro sphalerite grains. Angular microscopic chalcopyrite grains were also seen in the groundmass of a porphyritic intermediate volcanic.

Lithogeochemistry of the intermediate volcanics showed one high zinc of 1210 ppm (L600W 300N) but the average zinc content was less than 100. A high of 8.0 ppm silver was not supported by surrounding anomalous values. Gold, lead and copper levels are low. Trace element values were low with the exception of three barium values of greater than 400 ppm.

The argillically altered intermediate volcanics were anamolous in silver (53.7 and 6.0 ppm), lead (2330 and 2330 ppm) and zinc (1900, 831 and 1760 ppm) all within the northwest grid area. The trace element values are very erratic within the argillic zone. The silicified zone associated with faulting assayed 60 and 137 ppb Au.

A pod of pyrite with associated chalcopyrite and sphalerite occurs along the roadside approximately 100m north of the baseline at 600 E. It is within calcified intermediate volcanics along a shear and

terminated to the south by a fault. It was traced for 10 meters to the north and it appears to be narrowing. Gold and silver values of 495 and 230 ppb Au and 6406.2 and 68.1 ppm Ag were the highest of the property. Zinc (3560, 1360 ppm) and Cu (7.5% and 2.1%) were also anomalous. Arsenic, antimony and cadmium levels are also high suggesting an epithermal rather than volcanogenic emplacement of the massive sulphides.

The felsic volcanics contain minor disseminated pyrite and traces of disseminated sphalerite in the northwest quadrant. This is reflected in lithogeochemistry by a single anomalous zinc value of 1160 ppm. Barium values were occasionally anomalous while the other trace elements occur in very low concentrations. A gold value of 78 ppb was the high for this unit.

Within the limestone unit galena occurs as veinlets approximately 4mm wide and sphalerite occurs as local disseminations. High zinc values of 2450 and 1690 ppm are associated with elevated cadium levels and moderate lead in the northwest quadrant. Barium and arsenic values show a wide variation while antimony, mercury and gold values are low.

Pyritization associated with dykes does not seem to carry elevated base or precious metal values. Furthermore, the trace element values are noticeably depressed in the dyke samples.

F. GEOCHEMISTRY

Geochemical soil samples were collected at 50 metre intervals along the grid lines. Intermediate lines with samples at 25 metre intervals were established in the northwest quadrant to investigate anomalous values. A total of 1373 samples were collected in Kraft paper envelopes. Samples were analyzed at MIN-EN Labs, North Vancouver for 26 element I.C.P. and A.A. gold analysis. Acid digestion sample preparation was used.

A suite of 21 samples were taken from one location to provide a standard check of analytical accuracy. This information showed the degree of variation that may exist in samples from the same location. This is valuable information when considering anomaly values. For elements such as arsenic. antimony and iron, variation was high. Molybdenum, copper zinc, lead, cobalt, barium and gold had low to moderate variations.

RESULTS

An anomalous region of lead, silver and zinc values has been outlined in the northwestern quadrant of the grid.

Lead values are very high with a maximum of 2260 ppm. Many lead values >200 ppm occur in this area, mainly as isolated highs. Anomalies often occur at the contacts between limestone and volcanic units. High values are often found within argillically altered intermediate volcanics and occasionally in felsic volcanics.

Anomalous silver values are generally coincident with lead anomalies. The maximum silver value is 41.6 ppm. The anomaly threshold value is 2.5 ppm.

High zinc values (>500 ppm) are also coincident with lead and silver anomalies.

Geochemical results for the remainder of the grid area are generally well below anomaly threshold values. Isolated silver anomalies occur at line 0/7+00 S (8.5 ppm) and line 150W/12+50S (2.5 ppm).

G. GEOPHYSICS

Thirty-one (31) kilometers of VLF-EM 16 survey on the Ni grid have disclosed several minor anomalies mainly on the south-central part of the grid within mafic volcanic rock. Weak anomalies occur in the north-west section of the grid within intermediate volcanics. The Ni showing has brought up an extremely weak conductive zone that appears to be localized in a small area with no definite trend direction.

The best VLF-EM 16 target is on line 0 - 6+00 south extending 200m to the west and 300m to the east (but should be checked with geochem and geology before any follow-up work is done).

VLF-EM 16 anomalies may relate to geological contacts, as several are sub-parallel to mapped contact.

H. LITHOGEOCHEMISTRY

A total of seventy rock samples were taken on the claims. Channel rock chip samples were taken of visibly mineralized rocks. Sample widths varied between 0.5 and 2 metres. Analysis for 26 element I.C.P. plus gold (F.A.A.) and mercury were conducted by MIN-EN Labs on North Vancouver. Results are summarized in Appendix 1.

Map plots (Fig. 12 - 21) outline mineralized areas rather than alteration zones due to the procedure of collecting mineralized samples. Distribution of sample sites is unhomogeneous with only 1 sample from the southwest quadrant.

As anticipated from soil geochemical results, anomalous lithogeochemical zinc, lead and silver values cluster in the northwest quadrant of the grid.

High barium values are found in the northwest and northeast quadrants. Haloes of barium enrichment are thought to be associated with massive sulphide deposits. Barium in the MIN-EN I.C.P. analysis is only a partial leach. A different extraction method should be used if reliable results are desired.

Gold anomalies are scattered throughout the grid area. They are associated with high cadmium, arsenic and zinc values.

High copper values are widely distributed and occasionally correlate with gold anomalies.

Mercury anomalies do not correspond with gold anomalies. As mercury is not included in the 26 element I.C.P. package, future analysis should be discontined.

Antimony does not appear related to any of the other elements.

I. RECOMMENDATIONS

The northwest quadrant of the grid area is the most interesting target for further work. High coincident silver-lead-zinc soil geochemistry anomalies were outlines. Small VLF-EM 16 conductors may also be of interest. Geological mapping to date has disclosed a series of limestone lenses with minor galena veinlets.

Follow-up work should include:

1. More detailed geological mapping and lithogeochemical sampling to determine source of geochemical anomalies.

2. Possible IP survey over northwest area.

3. Trenching and/or drilling based on results of follow-up.

4. Possible geochemical stream and/or soil sampling to determine if zone of interest extends to the west. Staking of open ground west of NI 1 claim if favorable results are obtained from Stage 3.

STATEMENT OF EXPENDITURES

ASSAYS:		COST
1.	Grid soil geochemistry: MIN-EN Labs, North Vancouver Assayed for 26 element I.C.P. plus gold 1373 samples @ $14.85	$20,389.05
2.	Lithogeochemistry: MIN-EN Labs, North Vancouver Assayed for 26 element I.C.P. plus gold and mercury. 70 samples @ $21.50	$ 1,505.00
3.	Bus freight/shipping charged	$ 85.70

SURVEY EQUIPMENT RENTAL:		
1.	Geonics VLF-EM 16 unit	$ 1,800.00

TRAVEL/BOARD/CAMP EXPENSES:	
Camp equipment rentals	$ 55.00
Food and sundries	$ 1,113.68
Consumible camp supplies	$ 68.91
Travel expenses on project (meals)	$ 133.74
Communications:	
1) Mobile radio rental	$ 170.77
2) B.C. Tel truck mobile charges	$ 361.39
Travel expenses to/from project (includes mob/demob, ferries)	$ 349.04
Transportation:	
1) Fuel	$ 925.77
2) Vehicle rentals	$ 906.67
Map reproduction/drafting	$ 681.89
Field supplies	
1) General and geological	$ 867.43
2) Geochemical	$ 140.78
SUBTOTAL	$37,534.62

SALARIES

TITLE	WORK ACTIVITY	DAYS AT TASK	$RATE/DAY	COST
Project Geologist (TEC)	Selection of contractors. Field programme preparation: acquiring field supplies and base maps; hiring crews.	6.5	$200.00	$1,300.00

TITLE	WORK ACTIVITY	DAYS AT TASK	$RATE/DAY	COST
	Programme supervision and direction. Co-ordination of work crews. Logistics. Interpretation.	5	$200.00	$1,000.00
	Data collation and review. Supervision of map and report preparation.	8	$200.00	$1,600.00
Geologist (K.H.)	Prepare maps, field supplies. Mobilization, camp setup.	5	$90.00	$ 450.00
	Geological mapping and sampling. Field drafting. Prospecting.	19.5	$90.00	$1,755.00
	Geochemical soil sampling. Preparation of samples for shipping. Supervision of sampling programme.	4	$90.00	$ 360.00
	Supervision of geophysical survey.	2	$90.00	$ 180.00
	Data collation and review. Interpretation, map and report preparation.	9	$90.00	$ 810.00
Jr. Geologist (D.O.)	Prepare maps, field supplies. Mobilization, camp setup.	4	$85.00	$ 340.00
	Geological mapping and sampling. Field drafting. Prospecting.	12	$85.00	$1,020.00
	Geochemical soil sampling. Preparation of samples for shipping.	2	$85.00	$ 170.00
Geotech #1 (A.M.)	Grid soil geochemical sampling. Sample prep and shipping.	5	$60.00	$ 300.00
	Grid VLF-EM 16 surveys. Data reduction and plotting.	23	$60.00	$1,380.00
	Expediting for camp. Purchasing and transporting supplies.	2	$60.00	$ 120.00
Geotech #2 (C.B.)	Surveying, flagging and soil geochemical sampling on intermediate grid lines.	5	$55.00	$ 275.00
			SUBTOTAL (Salaries)	$11,060.00
			TOTAL EXPENDITURES	$48,614.82

FALCONBRIDGE LIMITED
6415 - 64th Street, Delta, B.C., Canada V4K 4E2
Tel. (604) 946-0441
Telex 04-357583

Expl. 249/85
April 10, 1985

Chief Gold Commissioner
Ministry of Energy, Mines
and Petroleum Resources
Parliament Buildings
Victoria, B.C.
V8V 1X4

Dear Sir:

STATEMENT OF QUALIFICATIONS

This is to state that I have obtained a BSc (Honors) 1975 in Geology from Carleton University, Ottawa, Ontario, and have worked as a geologist for Falconbridge Limited since 1976.

Kim Hudson, project supervisor, worked under my supervision. She obtained a BSc in Geology from the University of British Columbia, 1983.

Yours truly,
FALCONBRIDGE LIMITED

T.E. Chandler
Project Geologist

TEC:mm

REFERENCES

Kuniyoshi, S. and J.G. Liou, 1976: Contact Metamorphism of the Karmutsen Volcanics, Vancouver Island, B.C., Journal of Petrology 17 pp 73-99.

Muller, J.E., K.E. Northcote and D. Carlisle, 1974: Geology and Mineral Deposits of Albert - Cape Scott Map Area, Vancouver Island, B.C. GSC Paper 74-8 pp 19-25.

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Tipper, H.W., T.A. Richards, 1976: Jurassic Stratigraphy and History of North Central, B.C. GSC Bulletin 270 pp 46.

SAMPLE NO.	ROCK TYPE	BA PPM	AS PPM	SB PPM	CD PPM	PB PPM	ZN PPM	CU PPM	AG PPM	AU PPB	HG PPB
150	MAFIC	87	0	11	3.1	60	524	30	1.8	4	265
153	VOLCANIC	87	0	16	2.6	46	24	47	1.4	5	60
308		44	0	0	.3	28	24	91	1	7	10
313		62	0	0	0	13	60	23	1	1	20
291		409	1	6	1.7	42	147	0	.7	15	25
296		37	0	1	1.1	8	20	14	1.2	4	15
146A		55	0	1	.4	33	57	29	2	2	40
145		68	0	14	1.5	49	3	515	1.4	10	60
315		233	13	1	1.3	38	80	277	1.7	3	30
316B		52	0	0	0	18	131	48	2	27	10
303	INTERMEDIATE	73	0	0	.1	23	73	50	1.6	3	115
232	VOLCANIC	97	0	14	0	39	168	16	.1	7	20
254		94	27	11	1.8	95	160	10	.9	5	55
298		70	10	1	.5	12	58	4	.5	3	140
119		459	5	15	1.4	245	71	25	8	8	70
122		458	22	11	.9	118	151	7	1	27	60
127		142	16	0	0	30	80	6	.3	3	90
151		33	0	16	1.8	78	88	21	.9	13	85
152		71	0	11	1.8	44	39	30	2	9	30
306		52	107	0	1.3	93	193	108	2.1	21	120
267		158	55	9	7	408	1210	11	1.5	15	80
277		460	14	12	8.5	46	577	19	.6	19	40
299		48	0	0	.4	11	68	44	1.6	5	130
123		132	15	8	.5	92	79	8	1.5	6	45
128		97	22	5	.5	29	62	4	0	1	65
135	INTERMEDIATE	88	78	14	11.9	2330	1900	78	53.7	27	55
300	VOLCANIC	210	4	0	.4	31	34	4	.8	7	130
301	+	175	16	6	.9	31	23	77	.9	4	120
302	ARGILLIC	118	17	5	1.3	55	55	18	5	36	100
317	ALTERATION	152	33	0	1.1	73	232	791	6	6	135
325		118	23	30	5.2	46	831	38	1.4	2	80
324		93	14	0	1.6	428	352	106	.6	3	20
600W300N		79	42	8	5.2	380	694	20	2.4	13	60
256		230	39	11	1.4	137	207	25	1.8	10	60
66		172	117	13	9.2	2330	1760	18	3.4	26	80
309		68	26	0	1.7	50	72	40	.4	4	25
229		154	9	12	0	464	46	45	1	40	11
233		135	117	12	4.1	96	699	19	.9	60	35
253		152	32	4	0	77	24	4	.7	9	45
257		82	237	11	6.1	231	848	39	1.8	137	150
259		79	43	4	.1	89	78	7	.8	3	5
314	ROADSIDE	53	405	134	34.4	305	3560	75400	406.2	495	430
322	CU-AG	88	725	46	8.3	191	1360	20700	68.1	230	60
323	SHOWING	66	8	3	2.6	47	119	723	2.3	2	25

SAMPLE NO.	ROCK TYPE	BA PPM	AS PPM	SB PPM	CD PPM	PB PPM	ZN PPM	CU PPM	AG PPM	AU PPB	HG PPB
252	FELSIC	231	83	9	1.8	66	169	9	.8	78	50
260	VOLCANICS	56	54	5	.6	44	51	4	.5	18	30
276		445	70	15	7.6	223	1160	59	2.8	12	65
120		364	50	11	.5	128	150	8	2.4	3	65
121		154	20	4	.1	74	71	8	2.3	6	65
122		458	22	11	.9	118	151	7	1	27	60
129		76	30	6	.1	21	46	6	0	7	48
130		200	29	10	.7	79	128	5	.2	12	80
132		131	15	8	.9	76	183	4	0	9	40
255		70	38	11	1.9	109	299	79	2.6	20	40
307		20	0	0	3.1	20	176	14	.9	38	20
258	LIMESTONE	120	0	9	1.5	56	160	26	.9	6	35
265		96	34	8	16.2	590	2450	6	.8	22	60
280		166	8	5	.9	52	92	29	1.7	28	30
283A		461	21	11	3.1	55	268	143	1.3	21	45
112		25	0	5	0	7	9	2	0	15	6
131		170	41	12	12.9	896	1690	17	2.8	13	95
133		370	13	9	1.1	39	255	4	.3	15	30
136		246	34	8	2.1	197	285	18	7.5	16	35
140		12	0	9	1.1	27	76	4	0	2	55
113	DYKES	25	0	5	0	7	9	2	1.1	15	6
146		56	0	1	.2	40	76	23	1.7	7	35
155		51	0	2	.2	22	49	11	1.2	4	25
318		85	39	0	.7	51	52	27	.8	8	20
147		54	0	6	.4	32	4	29	1.5	6	45
138	MUDSTONE	83	1	13	1.7	50	120	0	.8	3	35

APPENDIX 2

Vancouver Petrographics Report

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
VOX 1JO

PHONE (604) 888-1323

Invoice 4827

Report for: T.E. Chandler/K. Hudson,
Falconbridge Limited,
6415 - 64th Street,
Delta, B.C.,
V4K 4E2.

October 11, 1984

Samples: 281, 324, 229, 259b, 262, 266, 250, 135, 316b, 327.

Project 32001-000-100

Summary:

Apart from two samples (259b, 316b) the rocks are volcanic or subvolcanic rocks (dacites) consisting of an intergrowth of plagioclase and quartz; plagioclase phenocrysts occur in several. Sample 262 is a dacite tuff. Mafic minerals are lacking except in 281 and 327 where chlorite is present and has probabaly formed during low greenschist facies regional metamorphism.

Pervasive argillic alteration has affected all of the rocks, some quite intensely. Phenocrysts tend to be more altered than groundmass plagioclase. Sericite and kaolinite, along with pyrite, have formed within the plagioclase. Traces of tourmaline occur in two samples. Sphalerite and chalcopyrite formed after or at the same time as the pyrite in some samples. In the mafic dacites (327, 281) the chalcopyrite and sphlerite are associated with epidote. Pervasive calcite alteration has been superimposed upon the sericite and clay alteration.

Sample 259b consists of an intergrowth of quartz and sericite. It is either a chert or a highly silicified dacite.

Sample 316b is a basaltic tuff which has been thoroughly altered with calcite, chlorite and hematite.

A. L. Littlejohn, M.Sc.

135: ALTERED DACITE.

This sample is a medium grained inequigranular volcanic/subvolcanic rock originally consisting of an intergrowth of quartz and plagioclase. Small plagioclase phenocrysts are present. All the plagioclase has been altered to fine kaolinite and sericite (kaolinite slightly dominant). Pyrite and sphalerite are disseminated throughout the rock. The pyrite contains rare inclusions of tetrahedrite(?) which could be Ag-bearing. The sphalerite contains many chalcopyrite inclusions and several galena inclusions which also could be Ag-bearing. No other potential Ag-bearing minerals were seen. A fine network of fractures occurs and limonitic stain has developed in these. Minerals are:

sericite + kaolinite	60%	
quartz	32	
montmorillonite	3	
pyrite	3	(rare tetrahedrite inclusions)
sphalerite	2	(minor chalcopyrite, galena inclusions)
Fe-Ti oxide	minor	
apatite	trace	
molybdenite	trace	

About half of the original plagiclase formed rounded grains about 0.2mm in size which were intergrown with rounded quartz grains 0.1 to 0.3mm in size. Plagioclase phenocrysts are subhedral and up to 1.0mm in size occuring amongst the rounded quartz and plagioclase grains. All the plagioclase has been altered to a mixture of very fine kaolinite and sericite. Kaolinite is dominant but there are many patches where sericite is concentrated. Flakes of sericite up to 0.1mm in length occur in small clusters and aggregates between the quartz grains. The quartz is speckled with extremely fine sericite. In some of the kaolinite-sericite areas there are small patches of a fine brownish clay which is probabaly montmorillonite. This commonly occurs in the altered phenocrysts. Very fine ragged Fe-Ti oxide grains are scattered within the sericite and kaolinite. It often occurs in small clusters and aggregates, some of which are tabular in shape and up to 0.2mm in size. Small prismatic apatite grains up to 0.2mm in length occasionally occur within the altered plagioclase.

Pyrite forms cubic grains 0.05 to 0.3mm in size which are disseminated throughout the rock within the altered plagioclase. Small clusters are common. There is also a thin stringer of cubic pyrite grains cutting through the rock. The pyrites are often fractured and are slightly altered to goethite around their edges and in the fractures. Rarely within the pyrite there are rounded inclusions of a tetrahedrite group mineral about 0.02mm in size. Sphalerite forms irregularly shaped grains 0.2 to 0.5mm in size occuring in the altered plagioclase. It sometimes partly encloses pyrite. All the grains contain fine chalcopyrite inclusions less than 0.01mm in size and some are quite crowded. Rounded galena inclusions up to 0.05mm in size are quite common. A trace of molybdenite is present within an altered plagioclase grain. It forms fine flakes about 0.3mm in length occuring in a cluster.

229: PORPHYRITIC DACITE.

This sample originally consisted of plagioclase phenocrysts set within a fine grained plagioclase groundmass. Quartz grains and small aggregates are also scattered about the groundmass. The phenocrysts have been almost completely altered to sericite and calcite. Extremely fine sericite is disseminated within the groundmass. Pyrite is disseminated throughout the groundmass and is associated with the sericitisation. The carbonate formed after the pyrite. Minerals are:

plagioclase phenocrysts	28	(95% altered to calcite, lesser sericite)
plagioclase groundmass	36	
quartz	17	
sericite	10	(exluding altered phenocrysts)
pyrite	5	
Fe-Ti oxide	1	
calcite	3	(excluding altered phenocrysts)
chlorite	minor	
apatite	minor	
illite (?)	trace	
chalcopyrite	trace	

Plagioclase phenocrysts form euhedral laths 0.4 to 1.2mm in size. Fine sericite occurs in all of them and most contain ragged patches of fine calcite. Many phenocrysts are almost completely replaced by calcite with small amounts of sericite. The calcite patches appear to be superimposed upon the masses of sericite. In some of the smaller phenocrysts with little calcite, alteration is to illite (?) rather than sericite.

Quartz forms rounded to subrounded grains 0.05 to 0.2mm in size which occur in aggregates of a few grains scattered throughout the groundmass. Single grains are also present, intergrown with the groundmass plagioclase, but most of the quartz occurs in the aggregates. The edges of the grains and aggregates are being replaced by fine sericite.

The groundmass of the rock consists of an intergrowth of shapeless plagioclase grains of variable size up to 0.2mm. Extremely fine sericite is disseminated throughout the groundmass. There are also ragged patches up to 1mm in size consisting of fine calcite. In some of these there are small patches of pale chlorite flakes intergrown with the calcite. This tends to occur where calcite is enclosing the pyrite. Also present in these intergrowths are rounded to tabular cloudy apatite grains up to 0.3mm in size. They commonly occur adjacent to the pyrite and appear to be part of the alteration assemblage rather than primary. Ragged grains of Fe-Ti oxide, less than 0.05mm in size, are disseminated throughout the groundmass. They often occur in small clusters and aggregates some of which have a tabular outline and may have been plagioclase grains. The Fe-Ti oxides are also intergrown with some of the calcite patches.

(continued)

229 (cont.)

Pyrite forms rounded grains 0.1 to 0.4mm in size and more irregularly shaped grains up to 1.5mm in size. The larger ones are more common and often occur in small aggregates. They enclose small patches of the altered groundmass and are crowded with fine rounded silicate inclusions. Fe-Ti oxide inclusions are present in some. Chaclopyrite forms angular grains about 0.05mm in size which occur in the altered groundmass around the pyrite grains.

250: ALTERED DACITE.

This sample originally consisted of a medium grained granular integrowth of plagioclase and quartz. The plagioclase has been completely altered to a very fine grained mixture of kaolinite and sericite. Pyrite is scattered throughout the rock within the clays and sometimes is intergrown with quartz. Minerals are:

kaolinite + sericite	65%	(kaolinite dominant)
quartz	30	
pyrite	4	
illite (?)	1	
Fe-Ti oxide	minor	(including trace of rutile)

Quartz forms rounded to irregularly shaped grains 0.05 to 0.2mm in size which are set within an extremely fine grained mixture of kaolinite and sericite. This forms a structureless mass between the quartz grains. There are a few small quartz aggregates and the clays have developed between the grains in these and may partly replace them. Kaolinite is dominant and the sericite tends to occur in small ragged patches within it. There are also places in which another clay has formed. This forms small masses of fine platey grains within the kaolinite and tends to occur around some of the pyrite. There are also a few lath-like aggregates of this material which are probabaly altered plagioclase phenocrysts. Fine ragged Fe-Ti oxide grains less than 0.02mm in size are disseminated about the mass of clay and sericite. Small aggregates are quite common and in some of these there are fine grains of rutile.

Pyrite forms rounded to subcubic grains most of which are 0.05 to 0.5mm in size, averaging about 0.2mm, which are scattered throughout the rock within the kaolinite and sericite. There are also several grains up to 1mm in size and these tend to occur in clusters of a few grains. These are often intergrown with quartz grain up to 0.5mm in size. These quartz grains could be phenocrysts or perhaps patches of silicification associated with the pyrite mineralization. The pyrite grains are full of small rounded silicate inclusions and many are cloudy with extremely fine material.

259b: SERICITIC CHERT (SILICIFIED VOLCANIC ??)

This sample is a fine grained massive rock consisting mainly of quartz with fine sericite disseminated between the grains throughout the rock. A few discontinuous quartz veinlets are present. Pyrite is disseminated throughout the rock and have sometimes weathered out leaving limonite lining small cavities. Small cavities are sometimes lines with quartz and sericite. I supect that this is a thoroughly silicified volcanic rock and the sericite has been derived from feldspars. There are a few small tabular patches of sericite which may have been feldspar grains. Minerals are:

quartz	82%
sericite	16
pyrite	2
Fe-Ti oxide	trace

Quartz forms rounded grains 0.05 to 0.1mm in size. Grain size distribution is uneven. Very fine sericite forms an intergranular film around the quartz grains. In places the sericite forms a network within which the quartz grains are scattered. There are a few small patches without sericite. The sericite sometimes coarsens to thin flakes up to 0.1mm in length which occur in clusters scattered about the rock. Tabular aggregates of fine sericite, up to 1.0mm in size, are sometimes present among the quartz grains. These may be altered feldspar (??). Very fine ragged Fe-Ti oxide grains occur within the sericite.

Quartz also occurs in a few veinlets up to 0.5mm wide. Contacts with the rest of the rock are indistinct in places. In the veinlets the quartz forms subidiomorphic to shapeless grains of variable size up to 0.4mm. Small vugs are sometimes present in the veinlets and also in the sericite-free patches.

Pyrite forms cubic to irregularly shaped grains 0.3 to 1.0mm in size which are scattered throughout the rock amongst the quartz grains. Some of the larger more irregularly shaped grains are intergrown with quartz. There are also smaller rounded pyrite grains. Acicular grains of Fe-Ti oxide up to 0.1mm in length are sometimes present in the larger grains. Small quartz and sericite inclusions are sometimes present. Some pyrite occurs in the quartz veinlets. The pyrite is altering to limonite in places.

262: DACITE TUFF.

This sample is a fine grained volcaniclastic rock consisting of a fine intergrowth of plagioclase, quartz and sericite. There are a few quartz and feldspar (altered) fragments scattered about the fine material. Fine calcite has altered the rock and occurs in thin streaky, indistinct layers. Minerals are:

plagioclase	45	
quartz	14	
sericite	30	
pyrite	3	
calcite	4	
Fe-Ti oxide	minor	
tourmaline	trace	
fragments	4	(mainly plagioclase, minor quartz)

The bulk of the rock consists of a mass of subrounded interlocking plagioclase grains less than 0.05mm in size. Fine quartz is intergrown with the plagioclase and tends to be concentrated in thin streaky patches. There is a slight variation in grain siae of the plagioclase in thin indistinct layers. Extremely fine sericite is disseminated between the plagioclase and quartz grains throughout the rock. Sericite is also concentrated in thin indistinct streaky patches. Fine ragged Fe-Ti oxide grains are scattered about the rock and sometimes occur in small clusters within the sericite concentrations. Rare thin prismatic tourmaline grains up to 0.1mm in length also occur within the sericite. In places the sericite coarsens to muscovite up to 0.6mm in length and tourmaline is often associated with this.

Pyrite forms cubic grains 0.1 to 0.4mm in size which are disseminated throughout the rock. Smaller rounded grains occur and there is a grain about 2mm in size. The larger grains contain small rounded silicate and Fe-Ti oxide inclusions and the very large grain contains a few fine pyrrhotite inclusions. Fine Fe-Ti oxides sometimes cluster around the pyrite. The pyrites are altering to goethite around the edges.

Fragments are mostly laths of plagioclase which may be up to 1mm in size. They tend to be concentrated in narrow layer-like patches. They have been mostly altered to sericite. Quartz fragments are uncommon but there is a cluster of irregularly shaped quartz grains about 0.4mm in size; the large pyrite grain has grown adjacent to this.

Calcite alteration has occured after the pyrite and sericite was formed. It forms very fine grains occuring in thin streaky patches within the mass of plagioclase grains and replacing the patches of sericite, both in the rock and the altered plagioclase fragments. The pyrite grains are often surrounded by calcite. This has probabaly initiated the oxidation of pyrite to goethite and limonitic staining has developed within the surrounding calcite and sericite.

266: ALTERED DACITE.

This is a medium grained massive volcanic/subvolcanic rock originally consisting of an intergrowth of plagioclase and quartz. Pyrite is disseminated throughout the rock and is associated with sericitisation of the plagioclase. Mn-oxides have formed within the altered parts and have stained the rock. They are intergrown with a fine flakey clay which is probabaly illite. Specific identification of the Mn-oxide is best done by X-ray diffraction or by chemical means; the material is probabaly a mixture. It is possible that this material contains Pb and Zn, either as a distinct mineral or absorbed within a Mn-oxide. Traces of sphalerite are present as well, accounting form some Zn. Minerals are:

plagioclase	25%	
quartz	20	
sericite	25	
Mn-oxides	15	(including minor limonite)
clay (illite?)	10	
pyrite	4	
rutile	1	(including minor Fe-Ti oxide)
sphalerite	trace	

Plagioclase forms rounded, and sometimes tabular, grains 0.1 to 0.2mm in size which are intergrown with some quartz of about the same size. Much of the quartz however forms subrounded to grains 0.1 to 0.4mm in size which occur in small aggregates within the mass of plagioclase. The plagioclase has been altered by very fine sericite occuring disseminated within the plagioclase grains and completely replacing them in patches. In places there are lath-like concentrations of sericite which were probably phenocrysts. The edges of the quartz grains are being replaced by sericite. Fine ragged grains of Fe-Ti oxide less than 0.02mm in size are scattered within the sericite. Rutile forms rounded to prismatic grains up to 0.1mm in size which occur in tabular aggregates and clusters about 0.5mm in size within the sericitic parts of the rock.

Pyrite forms rounded to cubic grains 0.1 to 0.6mm in size, averaging about 0.7mm, which occur scattered throughout the rock within the sericitic plagioclase. They contain small rounded silicate and Fe-Ti oxide inclusions. The pyrite is altering to goethite around the edges and in fractures within the grains. Traces of irregularly shaped sphalerite grains less than 0.1mm in size occur near some of the pyrites.

There is a closely spaced network of fine fractures within which the Mn-oxides have formed. Ragged interconnected patches have developed within the sericitic parts of the rock and the sericite has been stained brown with limonite. Massive and fine coloform patches occur. The patches may be 1.5mm in size and often consist of a mixture of clay (illite?) and the Mn-oxide. The clay has probabaly formed from the sericite. In places the clay forms broad flakes 0.3mm in size and may be a muscovite. Tabular patches sometimes occur which may have been plagioclase phenocrysts.

281: DACITE (QUARTZ-DIORITE).

This sample is a massive, medium grained, more or less equigranular, subvolcanic intrusive rock consisting mainly of an intergrowth of plagioclase laths and quartz. Pervasive calcite and sericite alteration has affected the plagioclase. Minor epidote alteration is associated with pyrite which is disseminated throughout the rock. Minerals are:

plagioclase	60%	(altered with calcite, sericite)
quartz	20	
chlorite	8	
calcite	4	
sericite (+ clay)	2	
epidote	3	
pyrite	3	
Fe-Ti oxide	trace	
chalcopyrite	trace	

Plagioclase forms euhedral laths 0.5 to 1.5mm in size, averaging about 1.0mm which are intergrown with shapeless to subrounded quartz grains about 0.5mm in size. The laths are crowded together and the quartz tends to occur between the laths in small patches of a few grains which may partly surround the plagioclase. In places small laths are included within the quartz.

Chlorite forms very fine flakes occuring in aggregates within the quartz patches or between the plagioclase laths. These are mostly less than 0.5mm in size but a few are up to 2mm in size. Rarely there is a suggestion in the tabular shape of the aggregate that these may be altered biotite. Fine ragged grains of Fe-Ti oxide less than 0.05mm in size occur within the chlorite. Tabular aggregates of these up to 0.2mm in size sometimes occur.

Pervasive calcite-sericite alteration has affected the plagioclase grains and they are speckled with these minerals. Ragged patches of fine calcite grains often occur and rarely a small grain is completely replaced. The sericite tends to occur around the calcite and where it is concentrated in small patches within the plagioclase, it is mixed with a fine clay (illite??). Fine sericite and calcite sometimes occur in small diffuse patches at the edges of the quartz grains. Calcite also occurs in small ragged patches within the chlorite aggregates. There is a veinlet of calcite about 0.1mm wide cutting through the rock. Carbonate alteration appears to be later than chlorite-pyrite-epidote mineralization; the veinlet cuts through chlorite patches and epidote aggregates.

Pyrite forms cubic to rounded grains 0.05 to 0.3mm in size which are disseminated throughout the rock between the plagioclase and quartz grains and commonly occur within the chlorite aggregates. Clusters of a few grains are common. They contain fine shapeless silicate inclusions and rare hematite and pyrrhotite inclusions. Epidote is associated with pyrite, commonly forming fine grains which occur in small aggregates within the chlorite, surrounding the pyrite. In places the larger aggregates consist of a mass of subprismatic grains up to 0.1mm in size. Rarely there are pyrite and epidote grains within the plagioclase. Fine shapeless to angular chalcopyrite grains mostly less than 0.05mm in size are somtimes intergrown with the epidote around the pyrite.

316b: ALTERED (CALCITE) BASALTIC TUFF.

This sample consists of a mass of extremely fine plagioclase laths intergrown with chlorite and hematite (after magnetite in places). Calcite veins and patches cut through it and pervasive calcite mineraliztion occurs throughout the plagioclase-chlorite-hematite intergrowth. Scattered throughout the fine grained intergrowth are small volcanic and quartz fragments which are being absorbed by the basaltic material. Excluding the veins minerals are:

plagioclase	45%	
calcite	20	
hematite	15	(minor magnetite)
chlorite	10	
fragments	10	(mainly quartz, minor volcanics)

Plagioclase forms a mass of thin laths about 0.05mm in length intimately intergrown with extremely fine chlorite and hematite occuring between the laths. The chlorite was probabaly formed during the calcite alteration from a glassy(?) material. Most of the hematite forms ragged grains less than 0.02mm in size which in places coalesce into small spherultic patches. Hematite also forms tabular grains 0.05 to 0.1mm in size which have altered from magnetite. The fine hematite may have also formed during the alteration since hematite is intergrown with calcite in the veins. Calcite forms ragged grains less than 0.01mm in size which occur between and within the plagioclase laths throughout the rock. Small diffuse patches, sometimes with hematite or chlorite are present.

Fragments are scattered throughout the rock and consist mainly of rounded quartz grains and aggregates 0.05 to 0.2mm in size. The edges are being replaced by the surrounding material. There are clusters of these grains which appear to be larger fragments which have been pervaded by the basaltic material.

Volcanic fragments are consist of an aggregate of broad plagioclase laths about 0.4mm in size with the basaltic material penetrating between them. Isolated plagioclase grains are more common than the aggregates, one of which is 2mm in size. The plagioclase has been altered by calcite.

Calcite veins are up to several millimeters in width and the wider ones contain pieces of the basaltic tuff which are highly altered with calcite and chlorite. Fine chlorite occurs intergrown with the calcite at the edges of the veins. At the vein contact and also adjacent to the enclosed material there are thin lensoid zones in which the calcite is intergrown with irregularly shaped quartz grains of variable size up to 0.2mm. Fine ragged hematite is intergrown with the calcite in places and is concentrated in narrow zones close to and parallel to the contact.

324: ALTERED DACITE.

This sample originally consisted of a medium grained granular intergrowth of plagioclase and quartz. A few plagioclase and quartz phenocrysts were present. It has been highly altered with the complete replacement of the plagioclase by a mixture of sericite and kaolinite (in about equal proportions). Pyrite is scattered within the mass of sericite and kaolinite and is sometimes intergrown with quartz. Carbonate mineralization occured after the main alteration. Minerals are:

sericite + kaolinite	53%	(after plagioclase)
quartz	35	
pyrite	3	
calcite	8	
rutile (+ Fe-Ti oxide)	1	
tourmaline	minor	
apatite	minor	

Quartz forms subrounded grains 0.1 to 0.3mm in size which are set within a mass of extremely fine sericite and kaolinite. Small aggregates are common and the sericite/kaolinite has formed a fine intergranular film between the grains and may partly replace them as well. There are several aggregates consisting of quartz grains up to 0.6mm in size; these may have been phenocrysts (?) or perhaps patches of silicification associated with pyrite which is sometimes intergrown with the quartz. The quartz in these aggregates is highly strained.

Much of the sericite/kaolinite mixture forms a structureless mass of extremely fine grains which tends to be patchy with small sericite or kaolinite concentrations. In places there are lath-like concentrations of one or the other of these which appear to be pseudomorphs after plagioclase. These are about 0.2mm in size. There are also a few lath-like patches up to 1.5mm in size which are probabaly altered plagioclase phenocrysts. Apatite occurs within the mass of altered plagioclase, forming rounded grains about 0.1mm in size which have been broken up and partly replaced. Very fine ragged Fe-Ti oxide grains are scattered within the mass of sericite and kaolinite, tending to be concentrated in the sericitic patches. Rutile is associated with these and forms rounded grains 0.05 to 0.1mm in size occuring in clusters of several grains. These sometimes occur around pyrite and may be intergrown with it. Within some of the sericite/kaolinite patches there are small patches of tourmaline. This forms very fine acicular grains occuring in radiating spherultic aggregates up to 0.2mm in size.

Pyrite is the only sulphide in the rock and has formed during the alteration. It forms rounded to irregularly shaped grains 0.1 to 0.4mm in size which are scattered within the mass of sericite and kaolinite. Small clusters are common. Larger grains are intergrown with relatively coarse quartz. They are all full of fine rounded silicate inclusions and some are quite crowded with extremely fine dusty material (sericite? clay?). Some of the pyrite in altering to limonite.

(continued)

Carbonate has formed after the main alteration. It forms extremely fine grains occuring in small patches scattered within the mass of sericite and clays. It often forms a partial rim around the pyrite and in the pyrite-quartz intergrowths it fills in thin fractures in the pyrite or spaces between pyrite or quartz grains.

327: PORPHYRITIC DACITE.

This sample is a medium to fine grained porphyritic subvolcanic (or volcanic) rock consisting mainly of plagioclase phenocryts in a plagioclase-quartz groundmass. Pervasive alteration has resulted in development of chlorite and epidote in the groundmass and sericite-clay (illite?) in the phenocrysts. Some chlorite has formed from biotite phenocrysts. Sulphides (pyrite, sphalerite, chalcopyrite) are associated with epidote. Minerals are:

plagioclase phenocrysts	35%	(98% altered to sericite-clay)
plagioclase groundmass	30	
chlorite	15	
quartz	10	
epidote	10	
limonite	minor	(after magnetite)
Fe-Ti oxide	minor	
sphalerite	minor	
pyrite	minor	
chalcopyrite	trace	

Plagioclase phenocrysts form euhedral laths 0.5 to 1.5mm in size, averaging about 1.0mm. They are almost completely altered to a mass of fine sericite mixed with a clay which could be illite (?); sericite is dominant. The phenocrysts are crowded within a groundmass consisting of a mass of fine plagioclase laths up to 0.1mm in length which are intimately intergrown with very fine chlorite. The chlorite tends to be concentrated in indistinct patches up to 0.5mm in size. Incipient sericite alteration occurs throughout the groundmass and there are also ragged Fe-Ti oxide grains less than 0.05mm in size disseminated throughout the groundmass and the phenocrysts.

Quartz forms rounded to subrounded grains 0.05 to 0.3mm in size which are scattered throughout the groundmass. They sometimes occur in small clusters and aggregates and these are often intergrown with chlorite. About 15% of the chlorite forms broad plates up to 1.5mm in size which are probably altered biotite; quartz is usually associated with these. Associated with the chlorite plates are subcubic masses of fine limonite, about 0.4mm inm size, which appear to be altered magnetite which was partly intergrown with the biotite. A few of these altered magnetites are scattered within the plagioclase groundmass.

Epidote forms very fine grains occuring in diffuse patches 0.1 to 0.5mm in size replacing the plagioclase-chlorite groundmass. The patches tend to occur adjacent to plagioclase phenocrysts. There is also a somewhat sinuous veinlet about 0.4mm wide cutting through the rock. The epidote is associated with sulphides which occur in the veinlet and the patches, and also elsewhere in the rock. The dominant sulphides are sphalerite and pyrite. The pyrite has formed first, often being surrounded by the sphalerite.

(continued)

327 (cont.)

Most of the pyrite forms subcubic grains less than 0.05mm in size scattered throughout the rock. There are shapeless aggregates up to 0.5mm in size occuring in altered plagioclase phenocrysts and in the epidote veinlet. In the veinlet the pyrite is surrounded by sphalerite. Much of the sphalerite forms irregularly shaped grains up to 0.5mm in size occuring in the epidote patches. The sphalerite is usually intergrown with small amounts of chalcopyrite. Chalcopyrite also forms shapeless to angular grains up to 0.2mm in size scattered throughout the groundmass. These sometimes have a thin partial rim of sphalerite.

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PROJECT No: 30301-608-101 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE No: 4-1197S/P3

ATTENTION: K. HUDSON (604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM* DATE: OCTOBER 18, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
SL-025E-0+50N	.6	102000	0	58	12	2280	3.1	14	53	69400	418	4240
SL-025W-0+00N	.5	67700	0	39	11	2670	2.1	18	58	66100	581	6300
SL-025W-0+25S20M	1.5	15100	11	10	25	10200	1.0	26	1090	27800	989	4910
SL-025W-0+50S	.7	54600	0	32	11	3620	1.7	14	38	58700	518	3650
SL-025E-0+50S	.8	33600	0	20	14	9520	1.9	21	75	58200	1270	7670
SL-025-0+25S	1.1	35100	0	20	15	7380	1.0	19	131	58000	895	7100
SL-025-0+00E	.8	55500	0	32	11	3830	1.7	16	46	67900	636	4840
L2+25W-3+00N 20M	1.0	59200	0	35	8	1930	2.7	18	20	59700	749	4180

(REPORT VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
SL-025E-0+50N	270	3	105	7	664	11	0	87	2	0	119.2	3
SL-025W-0+00N	395	2	119	10	1230	14	0	68	0	1	112.1	30
SL-025W-0+25S20M	1270	2	227	9	818	36	4	34	0	1	40.5	92
SL-025W-0+50S	825	1	116	5	952	17	0	54	0	1	99.8	6
SL-025E-0+50S	1710	1	247	9	852	35	0	60	0	2	93.5	76
SL-025-0+25S	701	2	199	7	539	24	0	58	0	1	98.8	79
SL-025-0+00E	354	1	126	6	463	22	0	64	0	1	136.9	83
L2+25W-3+00N 20M	1640	4	103	9	804	56	2	57	2	1	99.0	96

(REPORT VALUES IN PPM)	BA	SE	AU-PPB
SL-025E-0+50N	35	0	3
SL-025W-0+00N	41	0	7
SL-025W-0+25S20M	74	0	23
SL-025W-0+50S	40	0	4
SL-025E-0+50S	86	0	6
SL-025-0+25S	53	0	11
SL-025-0+00E	44	0	1
L2+25W-3+00N 20M	61	0	1

COMPANY: FALCONBRIDGE LTD. | MIN-EN LABS ICP REPORT | (ACT:GE03B) PAGE 1 OF 3

PROJECT No: 30301-608-101 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-1197S/P1+2

ATTENTION: K. HUDSON | (604)980-5814 OR (604)988-4524 | TYPE SOIL GEOCHEM | DATE: OCTOBER 18, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L1+50W-0+25N	.0	39500	0	15	7	1640	1.6	10	20	37900	563	2630
L1+50W-0+75N	.0	36100	0	14	7	1220	1.4	11	8	39200	973	1410
L1+50W-1+25N 20M	.0	12400	3	2	5	4430	.7	3	8	13800	736	944
L1+50W-1+75N 20M	.0	5600	21	0	1	1800	.1	1	5	5770	1050	467
L1+50W-2+25N	.3	42200	0	18	10	1700	1.4	10	17	50200	515	1920
L1+50W-2+75N 20M	6.9	39700	34	19	15	2510	2.8	27	59	56600	1060	3410
L1+50W-3+25N 20M	.4	40300	0	18	13	1200	2.5	10	24	65600	967	3050
L1+50W-3+75N 20M	3.1	13900	18	5	6	1010	1.4	8	14	38200	820	1190
L1+50W-4+25N 20M	.9	25200	0	8	8	2550	1.8	13	75	34100	709	3270
L1+50W-4+75N 20M	1.3	27400	0	9	8	1640	2.0	6	38	32700	749	1960
L1+50W-5+25N	.6	40000	0	16	11	1100	2.1	12	13	54200	755	2090
L1+50W-5+75N	.8	24900	0	7	8	2370	.7	8	13	34300	370	1970
L1+50W-6+25N 20M	.1	23600	5	11	13	7110	4.1	18	41	31500	1070	3080
L1+50W-6+75N	.4	30000	0	12	15	1990	3.6	23	34	46600	982	2550
L1+50W-7+25N	.7	36200	0	15	16	2660	5.1	24	45	49000	846	3120
L1+50W-7+75N	1.4	38000	0	20	15	5890	6.5	20	57	55500	1080	3370
L1+50W-8+25N	1.9	34800	0	17	15	6190	6.6	19	50	51000	1060	2860
L1+50W-8+75N	.2	31600	0	12	9	988	1.3	7	10	42100	597	1410
L2+25W-0+00	.4	57600	0	28	10	670	2.4	8	8	52900	484	1610
L2+25W-0+25N 20M	.0	4450	47	0	1	3520	.1	1	6	4690	1450	517
L2+25W-0+50N 40M	.0	24600	39	9	7	1570	1.2	5	14	30000	624	991
L2+25W-0+75N	1.2	56600	0	26	13	1780	2.4	11	18	57100	605	1900
L2+25W-1+00N 20M	1.0	39100	0	16	6	1680	1.9	8	11	41100	772	1690
L2+25W-1+25N 40M	.0	15800	1	5	6	1570	.2	4	8	29100	410	796
L2+25W-1+50N 20M	.0	19200	26	7	4	1350	.7	4	7	16300	770	880
L2+25W-1+75N 40M	.0	32400	0	14	9	1890	1.5	8	7	42100	853	2010
L2+25W-2+00N 40M	.3	36500	0	16	9	3370	3.0	15	16	27300	698	1140
L2+25W-2+25N 20M	.0	32000	0	14	19	3480	5.4	31	37	30600	751	1430
L2+25W-2+50N 40M	.5	19900	0	8	7	2010	.5	8	12	38300	780	1790
L2+25W-2+75N 20M	.5	26400	0	18	5	2520	1.8	11	15	31300	687	3220
L2+25W-3+25N 20M	.4	19200	1	13	5	2820	1.1	10	14	45700	732	2590
L2+25W-3+50N	.6	43600	0	28	10	3780	1.5	24	24	67200	792	4430
L2+25W-3+75N	.4	24600	2	16	5	1250	.6	11	8	61800	674	1580
L2+25W-4+00N 20M	1.2	30900	7	20	7	1870	1.7	15	11	61200	921	2780
L2+25W-4+25N	1.3	34700	0	22	8	3300	1.8	19	32	55300	935	4160
L2+25W-4+50N	1.4	25300	11	17	9	4720	2.5	18	39	54100	1090	5980
L2+25W-4+75N	1.0	55800	0	34	8	1590	2.7	16	23	69400	1270	4020
L2+25W-5+00N	19.7	13800	62	13	22	2180	7.1	15	174	81000	1800	5830
L2+25W-6+00N 20M	.4	13300	20	10	3	2530	.3	6	11	18800	838	1530
L2+25W-6+25N	.8	50100	0	30	7	1430	2.2	13	32	53900	738	2790
L2+25W-6+50N 20M	1.1	16200	21	9	3	5170	1.7	10	14	19800	597	1180
L2+25W-6+75N 20M	.0	14900	31	9	8	5320	2.4	10	19	21800	781	2220
L2+25W-7+00N 20M	.1	14000	24	8	8	5650	2.8	10	19	21900	789	2370
L2+25W-7+25N 20M	.0	13000	25	7	7	6510	3.0	9	18	16800	716	1650
L2+25W-7+50N 20M	.0	14400	22	10	9	5910	3.1	10	18	21400	799	2040
L2+25W-7+75N 20M	.0	26300	21	18	8	1390	1.5	18	17	50500	1180	2440
L2+25W-8+00N 40M	1.0	25800	17	18	10	7270	4.5	17	41	46900	1160	4340
L2+25W-8+25N	1.5	30400	15	21	11	6780	5.3	20	48	53900	1210	4570
L2+25W-8+50N 40M	1.2	25400	16	17	10	7860	4.4	18	44	48400	1110	4340
L2+25W-8+75N 20M	1.2	31800	12	20	9	2990	3.4	18	30	48800	985	3840
L2+25W-9+00N 20M	1.4	36600	7	24	10	2790	3.2	18	34	54300	1070	3620
SL0-0+00	1.9	38700	0	25	19	10200	1.4	24	252	66700	1070	8380
SL0 0+25S 40M	1.1	23500	0	15	11	3670	.0	12	18	54900	493	3540
SL0 0+50S	1.4	75700	0	46	13	5410	2.3	16	46	76300	994	5370
SL0 0+25N 20M	1.1	11200	0	9	8	4200	.0	8	11	37500	490	2020
SL0 0+50N	.9	45800	0	27	12	2530	1.1	14	25	65100	580	4330
SL-025W-0+25N	.5	46400	0	27	9	1940	1.5	14	20	58500	881	4760
SL 025W-0+50N	.7	42100	0	25	11	2410	1.2	17	25	61800	729	5210
SL 025E-0+25N	1.2	50900	0	30	12	2710	1.5	14	41	64600	430	4300

(VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
L1+50W-0+25N	531	2	73	6	405	30	0	38	3	0	72.8	53
L1+50W-0+75N	1980	3	54	7	598	45	1	32	3	0	68.1	82
L1+50W-1+25N 20M	1890	1	92	2	842	20	0	22	1	0	31.6	41
L1+50W-1+75N 20M	456	1	69	0	285	8	0	7	1	0	5.3	16
L1+50W-2+25N	1460	3	82	4	882	43	0	43	3	0	100.8	25
L1+50W-2+75N 20M	8460	4	89	9	1310	884	7	39	5	0	73.4	371
L1+50W-3+25N 20M	1940	2	86	6	1420	115	1	38	5	0	70.1	61
L1+50W-3+75N 20M	301	3	74	3	619	41	1	20	3	0	82.0	60
L1+50W-4+25N 20M	1940	3	88	4	759	126	0	30	2	0	53.8	157
L1+50W-4+75N 20M	1090	4	75	5	709	112	1	30	3	0	57.8	288
L1+50W-5+25N	448	2	72	6	541	40	1	39	4	0	130.1	22
L1+50W-5+75N	518	0	116	3	513	12	0	34	0	0	79.3	9
L1+50W-6+25N 20M	7190	3	108	6	1850	188	2	40	3	0	44.7	421
L1+50W-6+75N	7850	4	87	3	1490	241	3	34	3	0	67.6	366
L1+50W-7+25N	6850	5	73	6	1220	240	3	42	4	0	67.8	589
L1+50W-7+75N	5150	5	114	9	1490	167	1	51	4	0	68.8	498
L1+50W-8+25N	6570	5	89	8	1760	145	3	48	4	0	57.6	527
L1+50W-8+75N	240	1	84	4	724	33	0	28	2	0	106.2	27
L2+25W-0+00	181	1	101	3	391	25	0	44	3	0	107.3	9
L2+25W-0+25N 20M	420	1	85	1	418	14	0	9	1	0	4.6	34
L2+25W-0+50N 40M	380	4	87	1	538	78	0	25	2	0	62.3	54
L2+25W-0+75N	1060	4	94	4	829	59	0	51	4	0	90.7	64
L2+25W-1+00N 20M	1080	3	100	3	647	38	1	36	4	0	76.6	37
L2+25W-1+25N 40M	142	2	146	1	1150	16	0	25	1	0	54.8	11
L2+25W-1+50N 20M	792	2	126	2	438	18	0	17	2	0	40.2	19
L2+25W-1+75N 40M	783	2	131	5	564	36	0	34	3	0	104.3	21
L2+25W-2+00N 40M	4270	4	165	5	1230	147	0	35	1	0	54.8	148
L2+25W-2+25N 20M	19000	4	120	8	1840	243	5	41	0	2	51.7	110
L2+25W-2+50N 40M	584	2	127	4	768	60	0	26	1	0	84.1	65
L2+25W-2+75N 20M	2170	2	91	7	1080	60	0	35	0	0	51.4	79
L2+25W-3+25N 20M	316	2	103	5	601	38	0	33	0	0	90.6	47
L2+25W-3+50N	2450	4	90	7	1060	52	0	74	0	0	107.4	82
L2+25W-3+75N	174	3	58	3	371	47	0	29	0	0	116.1	32
L2+25W-4+00N 20M	549	4	76	7	593	80	1	42	2	0	82.0	56
L2+25W-4+25N	1310	4	103	6	737	175	0	45	1	0	76.3	295
L2+25W-4+50N	1640	3	128	8	834	160	0	40	1	0	65.4	389
L2+25W-4+75N	899	5	111	6	1200	116	1	53	3	0	92.8	217
L2+25W-5+00N	936	4	329	7	1570	1440	8	33	4	0	59.8	1230
L2+25W-6+00N 20M	325	1	107	3	743	28	1	23	0	0	45.9	35
L2+25W-6+25N	568	4	70	6	1070	39	0	49	2	0	85.6	47
L2+25W-6+50N 20M	1880	1	95	5	1140	39	1	37	0	0	37.4	27
L2+25W-6+75N 20M	6030	3	68	5	1130	82	4	31	0	0	26.4	146
L2+25W-7+00N 20M	5950	2	69	5	1020	79	3	32	0	1	25.3	156
L2+25W-7+25N 20M	6220	2	70	5	1190	65	2	33	0	1	19.7	122
L2+25W-7+50N 20M	6590	3	75	2	1030	76	4	32	0	1	25.9	134
L2+25W-7+75N 20M	5460	5	70	6	1050	116	2	31	1	0	60.8	240
L2+25W-8+00N 40M	3710	4	101	7	1100	118	1	47	1	1	55.1	473
L2+25W-8+25N	4480	4	114	9	1330	138	3	49	1	1	60.8	563
L2+25W-8+50N 40M	3520	3	106	8	1160	119	2	49	1	1	58.1	455
L2+25W-8+75N 20M	4090	5	83	7	801	132	4	39	2	1	50.0	343
L2+25W-9+00N 20M	4150	5	83	9	930	132	3	43	2	1	56.9	385
SL0-0+00	1000	1	207	9	680	74	0	76	0	0	117.3	174
SL0 0+25S 40M	270	1	121	2	438	22	0	37	0	0	115.1	18
SL0 0+50S	422	4	114	6	1250	28	0	83	0	0	126.8	56
SL0 0+25N 20M	295	0	141	3	315	14	0	28	0	0	110.4	16
SL0 0+50N	419	2	104	6	565	26	0	51	0	0	140.1	15
SL-025W-0+25N	377	2	76	7	521	28	0	50	2	0	128.1	23
SL 025W-0+50N	550	2	77	9	508	28	0	49	0	0	128.0	35
SL 025E-0+25N	318	2	107	7	618	30	0	54	0	0	139.4	58

VALUES IN PPM)	BA	SE	AU-PPB
L1+50W-0+25N	36	0	3
L1+50W-0+75N	45	0	6
L1+50W-1+25N 20M	59	0	3
L1+50W-1+75N 20M	31	0	4
L1+50W-2+25N	41	0	9
L1+50W-2+75N 20M	80	0	15
L1+50W-3+25N 20M	62	0	3
L1+50W-3+75N 20M	60	0	13
L1+50W-4+25N 20M	36	0	9
L1+50W-4+75N 20M	37	0	6
L1+50W-5+25N	43	0	1
L1+50W-5+75N	30	0	7
L1+50W-6+25N 20M	106	0	6
L1+50W-6+75N	77	0	7
L1+50W-7+25N	103	0	17
L1+50W-7+75N	154	0	9
L1+50W-8+25N	155	0	3
L1+50W-8+75N	28	0	4
L2+25W-0+00	40	0	6
L2+25W-0+25N 20M	37	0	2
L2+25W-0+50N 40M	36	0	8
L2+25W-0+75N	46	0	7
L2+25W-1+00N 20M	77	0	1
L2+25W-1+25N 40M	26	0	2
L2+25W-1+50N 20M	38	0	12
L2+25W-1+75N 40M	44	0	9
L2+25W-2+00N 40M	72	0	5
L2+25W-2+25N 20M	165	0	3
L2+25W-2+50N 40M	32	0	3
L2+25W-2+75N 20M	41	0	4
L2+25W-3+25N 20M	46	0	2
L2+25W-3+50N	83	0	9
L2+25W-3+75N	43	0	3
L2+25W-4+00N 20M	74	0	2
L2+25W-4+25N	73	0	7
L2+25W-4+50N	67	0	4
L2+25W-4+75N	62	0	11
L2+25W-5+00N	245	0	73
L2+25W-6+00N 20M	40	0	4
L2+25W-6+25N	56	0	6
L2+25W-6+50N 20M	181	0	2
L2+25W-6+75N 20M	123	0	5
L2+25W-7+00N 20M	121	0	3
L2+25W-7+25N 20M	130	0	1
L2+25W-7+50N 20M	125	0	6
L2+25W-7+75N 20M	67	0	4
L2+25W-8+00N 40M	149	0	100
L2+25W-8+25N	165	0	9
L2+25W-8+50N 40M	147	0	13
L2+25W-8+75N 20M	108	0	7
L2+25W-9+00N 20M	119	0	5
SL0-0+00	67	0	13
SL0 0+25S 40M	38	0	3
SL0 0+50S	51	0	12
SL0 0+25N 20M	34	0	2
SL0 0+50N	40	0	4
SL-025W-0+25N	55	0	2
SL 025W-0+50N	45	0	6
SL 025E-0+25N	37	0	1

COMPANY: FALCONBRIDGE LTD.
PROJECT No: 30301-60B-100
ATTENTION: K. HUDSON

MIN-EN LABS ICP REPORT
705 - 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM*

FILE No: 4-845S/P5
DATE: AUGUST 27, 1984

(REPORT VALUES IN PPM)		AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L150W-1450N		.5	39400	0	28	6	2080	.2	12	10	64600	433	3640
L150W-1500N		.6	45800	5	31	1	1120	.0	10	9	61700	486	2100
L150W-1550N		.8	25100	0	17	3	1540	.0	9	7	48300	467	2100
L150W-1600N		.8	57500	14	39	6	1410	.0	12	11	62200	363	2950
L150W-1650N	N/S												
L150E-650N		1.5	44900	97	30	2	1060	.1	10	45	54300	508	2230
L150E-700N		1.1	40300	62	30	3	704	1.1	29	20	93500	682	4690
L150E-750N		.7	8030	0	7	2	188	.0	11	9	61500	103	537
L150E-850N		1.2	33000	0	24	8	7440	.0	23	64	72200	803	8550
L150E-900N		1.1	39000	0	27	8	5910	.0	22	53	76600	656	7570
L150E-950N	40M	1.1	35000	0	25	10	6100	.0	24	51	75100	652	9460
L150E-1000N		.6	32000	7	21	1	1170	.4	7	8	46400	298	1290
L150E-1050N		.5	38800	6	26	2	916	.5	8	10	45900	246	1220
L150E-1100N		1.0	33900	7	23	5	2550	.3	15	14	48800	424	3340
L150E-1150N		1.1	84400	17	55	5	2030	.2	15	25	45700	433	3730
L150E-1200N		.4	13800	5	8	0	1210	.3	4	3	18900	619	955
L150E-1250N		.9	38000	8	25	3	1380	.0	10	14	46400	436	2330
L150E-1300N	20M	.3	26500	7	19	5	3520	.9	13	13	43100	576	3160
L150E-1350N	20M	.1	25700	12	16	0	1630	.2	5	5	21100	1400	2150
L150E-1400N	40M	.3	33900	2	23	5	4930	1.1	16	28	39700	807	4230
L150E-1450N		.5	36500	9	25	2	899	.3	17	16	48800	1240	3670
L150E-1500N		.2	11500	0	9	0	2890	.0	3	8	13900	697	1340
L150E-1550N	20M	.3	38800	4	26	2	692	.6	10	17	53100	406	3480
L150E-1600N	40M	.7	44800	24	30	2	728	.2	10	17	42100	752	2570
L150E-1650N		.1	27600	20	17	0	347	.3	8	13	27800	625	1320
L150E-1700N		.8	58100	18	39	4	865	.6	21	33	69100	580	9460
L150E-1750N		1.0	67900	0	46	6	1450	.0	15	16	79900	481	3850
L150E-1800N	40M	1.0	38300	0	26	7	1600	.0	14	21	81300	498	2940

...01-608-100 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
...A. HUDSON (604)980-5814 OR (604)988-4524

FILE No: 4-845S/P5

TYPE GEOCHEM DATE: AUGUST 27, 1984

VALUES IN PPM)		MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
L150W-1450N		202	2	105	3	216	8	0	51	2	0	119.5	5
L150W-1500N		183	5	59	6	183	9	0	51	3	0	107.7	11
L150W-1550N		127	1	74	2	347	11	0	36	0	0	102.5	0
L150W-1600N		195	4	59	6	476	18	0	66	5	0	85.1	7
L150W-1650N	N/S												
L150E-650N		226	7	68	9	404	81	3	53	9	0	120.2	140
L150E-700N		1390	10	56	14	724	129	1	47	12	0	94.4	222
L150E-750N		108	0	26	1	0	2	0	6	0	0	237.9	2
L150E-850N		860	2	173	8	846	60	0	68	0	0	138.5	60
L150E-900N		834	3	156	7	867	15	0	63	0	0	143.7	73
L150E-950N	40M	873	2	122	9	917	10	0	62	0	0	148.2	48
L150E-1000N		86	3	60	4	209	14	0	37	4	0	105.3	7
L150E-1050N		85	4	62	4	243	20	0	43	5	0	109.2	7
L150E-1100N		461	4	73	7	305	14	0	53	1	0	88.5	78
L150E-1150N		390	7	70	10	830	22	0	91	3	0	59.6	41
L150E-1200N		224	1	58	3	221	18	0	20	2	0	51.0	3
L150E-1250N		221	3	68	5	288	10	0	47	4	0	105.2	16
L150E-1300N	20M	2610	4	90	7	981	13	0	44	2	0	69.0	45
L150E-1350N	20M	512	2	61	3	277	21	0	28	2	0	49.7	12
L150E-1400N	40M	3430	5	97	9	820	19	0	52	1	0	60.3	84
L150E-1450N		811	4	71	7	1550	21	0	38	3	0	85.2	21
L150E-1500N		143	1	97	0	855	16	0	26	1	0	15.8	20
L150E-1550N	20M	241	4	54	7	709	17	0	41	4	0	76.4	42
L150E-1600N	40M	402	7	65	7	1600	41	0	42	4	0	110.9	13
L150E-1650N		63	3	31	6	332	19	0	26	3	0	82.3	0
L150E-1700N		561	5	81	29	483	18	0	65	5	0	169.7	0
L150E-1750N		209	7	62	5	777	2	0	73	2	0	146.1	1
L150E-1800N	40M	115	6	80	2	341	0	0	41	0	0	151.0	0

30301-608-100 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
K. HUDSON (604)980-5814 OR (604)988-4524

FILE No: 4-8455/P5

TYPE GEOCHEM DATE: AUGUST 27, 1984

RT VALUES IN PPM)		BA	SE	AU-PPB
L150W-1450N		45	0	3
L150W-1500N		51	0	2
L150W-1550N		33	0	12
L150W-1600N		42	0	3
L150W-1650N	N/S			
L150E-650N		57	0	16
L150E-700N		73	0	63
L150E-750N		17	0	1
L150E-850N		89	0	11
L150E-900N		79	0	2
L150E-950N	40M	46	0	17
L150E-1000N		50	0	1
L150E-1050N		55	0	3
L150E-1100N		82	0	2
L150E-1150N		49	0	6
L150E-1200N		34	0	7
L150E-1250N		41	0	1
L150E-1300N	20M	100	0	1
L150E-1350N	20M	79	0	4
L150E-1400N	40M	181	0	3
L150E-1450N		83	0	1
L150E-1500N		34	0	2
L150E-1550N	20M	44	0	7
L150E-1600N	40M	66	0	3
L150E-1650N		34	0	2
L150E-1700N		72	0	13
L150E-1750N		43	0	5
L150E-1800N	40M	50	0	16

COMPANY: FALCONBRIDGE LTD. | MIN-EN LABS ICP REPORT | (ACT:GED38) PAGE 1 OF 3

PROJECT No: 30301-608-100 | 705 - 1 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-845S/P3+4

ATTENTION: K. HUDSON | (604)980-5814 OR (604)988-4524 | *TYPE SOIL GEOCHEM* | DATE: AUGUST 27, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L300W-300N	5.2	50800	46	36	5	2730	1.4	15	18	69400	589	1890
L300W-350N	7.2	75700	79	53	8	1300	1.2	31	53	82500	762	2800
L300W-400N	2.2	56600	219	43	7	559	.8	37	58	109000	797	5070
L300W-450N	6.3	79300	79	57	6	1220	1.5	25	41	90200	902	4370
L300W-500N	1.2	140000	18	94	6	995	.6	16	28	72700	394	2310
L300W-550N	.9	51800	19	40	19	5790	9.6	24	46	68400	1080	4020
L300W-600N	2.1	35800	55	35	12	343	3.5	39	202	218000	931	4070
L300W-650N	1.2	61500	6	43	6	2490	.3	22	33	90000	662	5410
L150E-050S	2.1	51300	3	36	2	922	.0	17	21	58900	258	1530
L150E-100S	.9	59000	0	40	6	1630	.0	13	23	62200	258	2950
L150E-150S	1.0	60600	0	41	7	1510	.0	13	18	73000	270	2390
L150E-200S	.4	67400	0	43	2	1050	.8	10	15	57700	243	1380
L150E-250S	.8	39200	0	27	2	3860	.2	20	30	34900	569	4300
L150E-300S	.7	43500	0	30	6	3240	.0	15	52	62200	408	5410
L150E-350S	.3	37500	0	31	5	6970	.4	14	24	49800	353	3970
L150E-400S	.3	36900	0	27	5	61500	.2	6	6	33500	129	1650
L150E-450S	.6	76100	0	50	6	1750	.0	11	12	63600	201	2400
L150E-500S	1.0	73100	0	48	7	1890	.0	12	12	67000	223	2600
L150E-550S	1.3	70900	4	47	10	1590	.0	18	10	73900	158	6470
L150E-600S	.3	48700	0	32	4	1630	.0	11	12	66500	182	2450
L150E-650S	.6	42400	0	28	5	2720	.0	14	17	68400	300	4360
L150E-700S	1.2	44700	0	32	8	1210	.0	20	14	136000	172	3990
L150E-750S	.0	34500	7	22	1	9150	.7	20	40	42300	375	4000
L150E-800S	.2	14400	0	9	1	1690	.0	8	7	48100	221	1200
L150E-850S	1.1	32300	0	22	8	2010	.0	16	11	102000	178	3830
L150E-900S 40M	.3	43100	0	33	5	7850	.0	18	21	61700	640	7790
L150E-950S	.8	53900	0	81	6	1990	.0	15	21	84200	442	4640
L150E-1000S	1.3	61800	0	44	9	2200	.0	19	28	108000	401	5660
L150E-1050S	1.0	67200	0	48	10	2020	.0	16	20	96600	255	2950
L150E-1100S	1.6	27000	0	21	11	4280	.0	17	13	106000	172	2330
L150E-1150S	.8	52800	0	36	6	6190	.0	20	39	68700	437	9380
L150E-1200S	.8	27800	0	20	5	1770	.0	11	12	62700	219	2690
L150E-1300S	1.2	98400	1	66	9	1940	.6	26	67	94300	555	7210
L750W-050S	.2	32400	27	21	2	1030	.8	6	5	28000	729	1550
L750W-100S 20M	.4	25800	27	20	0	573	.9	6	4	24900	768	1220
L750W-150S	.5	40500	44	27	1	679	.8	7	9	34700	701	3080
L750W-200S 20M	.2	34500	3	25	1	1500	.4	9	11	45000	821	3470
L750W-250S 20M	.0	21400	7	16	0	941	.0	5	7	23400	1400	1430
L750W-300S	.2	38600	16	24	0	216	.4	4	48	21500	664	1180
L150W-400N	7.5	52900	66	37	6	373	1.0	11	105	93500	939	2120
L150W-450N	1.0	30400	22	21	2	469	1.1	9	44	48800	432	1470
L150W-500N	1.0	52600	20	36	6	1660	.4	15	22	70300	440	3150
L150W-550N 40M	.8	26300	9	19	2	2320	.0	11	17	50500	363	3260
L150W-600N 40M	1.1	31600	44	23	5	4440	5.5	25	60	48100	957	5580
L150W-650N 40M	.6	27400	29	19	2	3980	4.6	20	45	39700	742	3980
L150W-700N 20M	.8	44500	46	32	3	1430	1.5	26	30	67000	577	3050
L150W-750N	.7	41300	59	29	6	2660	2.4	19	38	59800	819	3360
L150W-800N	1.8	35100	57	25	3	3730	4.5	21	42	55000	886	3540
L150W-850N	1.5	39300	65	29	6	1490	2.7	24	43	71800	1090	4190
L150W-900N	.5	41100	2	27	0	1430	.0	11	13	65100	367	2700
L150W-950N	.7	23700	0	16	2	1380	.0	11	7	77000	168	1240
L150W-1000N	.8	46000	0	32	6	2920	.0	26	22	90700	486	5050
L150W-1050N	1.0	47000	72	33	4	1750	.4	15	21	72200	396	3210
L150W-1100N	.6	23100	4	16	1	1040	.1	8	5	49000	385	1510
L150W-1150N	1.2	42700	7	29	1	1360	.0	11	10	60500	401	2900
L150W-1200N	.5	41900	33	29	2	609	.8	12	7	58900	595	3070
L150W-1250N	.5	25900	58	17	0	527	.5	9	9	23400	711	1090
L150W-1300N	.7	69600	7	47	3	1790	.3	13	22	64600	778	3710
L150W-1350N	.2	33900	7	22	1	1210	.0	8	5	40000	473	2220
L150W-1400N	.9	24200	0	17	1	4120	.0	16	15	60800	495	5680

Job: 30301-608-100 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE No: 4-845S/P3+4

ON: K. HUDSON (604)980-5814 OR (604)988-4524 *TYPE GEOCHEM* DATE: AUGUST 27, 1984

T VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
L300W-300N	2070	9	69	9	963	334	0	57	6	0	96.1	560
L300W-350N	4920	12	75	11	1420	446	0	76	9	0	73.3	472
L300W-400N	2780	11	72	11	1640	377	0	59	12	0	76.4	257
L300W-450N	1610	12	72	14	946	256	0	83	10	0	103.1	862
L300W-500N	1300	10	71	7	2130	21	0	128	5	0	84.7	16
L300W-550N	23700	11	91	22	2550	1680	3	69	2	29	87.9	1380
L300W-600N	4930	17	30	16	3130	1390	0	39	25	0	33.2	1200
L300W-650N	1140	6	88	8	875	72	0	76	5	0	162.3	116
L150E-050S	912	5	88	6	1370	21	0	51	3	0	83.6	30
L150E-100S	286	4	86	5	683	10	0	65	1	0	100.9	37
L150E-150S	174	4	77	5	293	3	0	67	2	0	131.4	48
L150E-200S	121	4	70	3	630	0	0	67	2	0	95.5	19
L150E-250S	594	3	117	7	740	16	0	49	1	0	44.3	75
L150E-300S	404	2	102	6	371	10	0	59	0	0	99.2	46
L150E-350S	2520	4	99	12	1570	9	0	51	1	0	91.0	164
L150E-400S	367	1	65	2	651	4	0	15	2	0	89.1	12
L150E-450S	135	4	74	5	505	1	0	77	2	0	100.8	0
L150E-500S	143	6	80	5	477	3	0	78	2	0	109.6	1
L150E-550S	136	7	127	13	375	3	0	78	0	0	152.6	30
L150E-600S	157	3	81	2	360	0	0	52	1	0	133.5	3
L150E-650S	270	2	82	5	562	6	0	56	0	0	131.0	24
L150E-700S	82	2	91	5	319	0	0	42	0	0	272.1	0
L150E-750S	1210	3	126	17	790	11	0	77	3	0	77.2	45
L150E-800S	81	0	134	0	154	0	0	22	0	0	115.0	7
L150E-850S	146	0	87	4	199	0	0	36	0	0	244.0	4
L150E-900S 40M	1470	3	138	10	468	2	0	71	1	0	108.7	40
L150E-950S	369	4	159	5	475	0	0	62	0	0	170.4	12
L150E-1000S	276	4	101	13	403	0	0	68	0	0	246.1	6
L150E-1050S	208	6	78	9	376	0	0	75	0	0	190.7	0
L150E-1100S	156	0	131	0	163	0	0	42	0	0	208.1	0
L150E-1150S	593	3	171	15	852	7	0	77	0	0	135.5	35
L150E-1200S	205	2	68	3	525	0	0	35	0	0	131.2	2
? L150E-1300S	472	7	92	14	1760	0	0	98	4	0	200.5	5
L750W-050S	396	3	67	4	163	39	0	36	4	0	71.6	29
L750W-100S 20M	175	3	57	4	92	28	0	28	3	0	71.0	61
L750W-150S	377	4	59	7	126	122	0	42	6	0	70.7	262
L750W-200S 20M	421	3	73	6	374	35	0	44	3	0	75.1	142
L750W-250S 20M	325	2	64	6	215	15	0	26	2	0	55.2	13
L750W-300S	215	3	55	5	213	41	0	35	4	0	17.8	89
L150W-400N	127	9	58	12	825	1130	5	56	14	0	113.4	81
L150W-450N	213	6	46	6	1120	102	1	33	6	0	73.4	13
L150W-500N	426	5	91	6	376	32	0	64	5	0	147.2	85
L150W-550N 40M	409	2	91	4	398	18	0	41	1	0	106.7	37
L150W-600N 40M	4710	5	110	12	1330	237	0	46	4	0	58.5	687
L150W-650N 40M	4230	4	67	11	1150	169	0	39	4	0	56.8	548
L150W-700N 20M	3290	8	74	8	718	244	0	52	6	0	102.7	586
L150W-750N	6850	8	86	11	1400	140	1	51	6	0	70.0	562
L150W-800N	6410	8	79	13	1390	145	2	47	6	0	66.2	580
L150W-850N	4520	8	70	14	1120	140	1	49	7	0	92.6	595
L150W-900N	293	3	74	4	523	9	0	49	3	0	141.6	21
L150W-950N	130	2	57	3	106	2	0	29	1	0	207.8	1
L150W-1000N	954	2	86	7	234	131	0	66	0	0	158.0	757
L150W-1050N	497	6	71	8	644	397	0	55	7	0	111.3	350
L150W-1100N	199	4	58	3	420	70	0	30	3	0	81.6	47
L150W-1150N	435	3	85	5	450	35	0	49	2	0	117.4	50
L150W-1200N	301	4	57	7	383	45	0	44	6	0	123.7	19
L150W-1250N	98	3	60	4	292	30	1	28	2	0	74.1	14
L150W-1300N	449	6	82	6	484	20	0	77	7	0	72.2	18
L150W-1350N	256	4	60	4	146	24	0	42	3	0	66.0	58
L150W-1400N	504	2	76	6	447	16	0	50	0	0	100.4	32

RT VALUES IN PPM)	BA	SE	AU-PPB
L300W-300N	118	0	4
L300W-350N	79	0	25
L300W-400N	99	0	3
L300W-450N	119	0	6
L300W-500N	39	0	1
L300W-550N	233	0	4
L300W-600N	96	0	165
L300W-650N	69	0	3
L150E-050S	35	0	2
L150E-100S	40	0	1
L150E-150S	41	0	3
L150E-200S	39	0	1
L150E-250S	69	0	4
L150E-300S	65	0	1
L150E-350S	62	0	1
L150E-400S	17	0	1
L150E-450S	30	0	2
L150E-500S	34	0	1
L150E-550S	27	0	1
L150E-600S	30	0	2
L150E-650S	37	0	2
L150E-700S	34	0	4
L150E-750S	34	0	8
L150E-800S	16	0	1
L150E-850S	45	0	4
L150E-900S 40M	112	0	3
L150E-950S	50	0	1
L150E-1000S	43	0	5
L150E-1050S	37	0	1
L150E-1100S	32	0	2
[illegible]50E-1150S	52	0	3
L150E-1200S	26	0	11
L150E-1300S	69	0	10
L750W-050S	42	0	13
L750W-100S 20M	30	0	6
L750W-150S	65	0	8
L750W-200S 20M	49	0	1
L750W-250S 20M	59	0	6
L750W-300S	64	0	3
L150W-400N	75	0	35
L150W-450N	40	0	9
L150W-500N	54	0	5
L150W-550N 40M	44	0	4
L150W-600N 40M	151	0	6
L150W-650N 40M	126	0	8
L150W-700N 20M	100	0	2
L150W-750N	127	0	27
L150W-800N	169	0	25
L150W-850N	124	0	48
L150W-900N	39	0	4
L150W-950N	31	0	40
L150W-1000N	79	0	15
L150W-1050N	53	0	5
L150W-1100N	38	0	1
L150W-1150N	47	0	20
[illegible]50W-1200N	60	0	1
[illegible]50W-1250N	52	0	1
L150W-1300N	63	0	25
L150W-1350N	70	0	21
L150W-1400N	50	0	6

COMPANY: FALCONBRIDGE LTD.
PROJECT No: 30301-608-100
ATTENTION: K. HUDSON

MIN-EN LABS ICP REPORT
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:GE03B) PAGE 1 OF 3
FILE No: 4-845S/P1+2
TYPE SOIL GEOCHEM DATE: AUGUST 27, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L150W-50S	1.4	72900	11	54	7	1420	.0	13	36	67400	535	3290
L150W-100S	.9	20300	15	16	5	1400	.0	7	6	26200	775	1270
L150W-150S 20M	1.3	36600	25	28	6	1290	.0	11	16	45900	579	2800
L150W-200S	1.9	71500	7	56	9	1790	.0	18	43	87800	660	4560
L150W-250S	1.7	65900	0	52	11	1270	.0	17	10	92900	551	2750
L150W-300S	1.1	35800	8	33	11	7090	.0	22	67	63600	2990	7530
L150W-350S	1.8	65500	0	52	12	2620	.0	17	21	84600	255	2430
L150W-400S	1.3	56800	7	46	14	2600	.0	31	34	75400	304	3360
L150W-450S	2.0	59900	0	46	10	1400	.0	22	63	72200	351	3860
L150W-500S	1.7	37500	0	32	9	1530	.0	17	24	88100	305	3360
L150W-550S	1.7	43900	0	36	11	1660	.0	17	25	94700	164	1750
L150W-600S	2.0	48100	23	41	9	1400	.0	14	25	77000	280	6400
L150W-650S	1.8	60500	0	47	10	2080	.0	18	21	72200	287	8170
L150W-700S	1.7	74600	7	56	9	1660	.0	15	23	73400	288	4310
L150W-750S	1.7	107000	1	81	14	2130	.0	25	91	81700	634	9270
L150W-800S	1.5	75200	0	58	10	1160	.0	18	35	79200	616	5140
L150W-900S	1.2	30100	1	28	10	7750	.0	23	35	65900	1210	10100
L150W-950S	1.3	41100	4	34	10	4910	.0	18	32	62600	773	5910
L150W-1000S 40M	1.4	41900	0	34	9	2180	.0	15	26	71800	350	5530
L150W-1050S	1.4	40000	0	32	10	2330	.0	15	24	68700	336	4270
L150W-1100S	1.2	37000	2	30	7	2250	.0	15	18	65300	610	4320
L150W-1150S	1.3	48200	0	37	8	1900	.0	19	25	63900	422	5390
L150W-1200S	1.7	59200	0	46	12	2770	.0	21	35	93400	269	5280
L150W-1250S	2.5	53900	0	46	16	2820	.0	29	41	152000	282	6830
L150W-1300S	1.4	47100	0	38	7	1310	.0	15	17	83800	474	3320
L150W-1350S	1.9	88000	0	68	13	2080	.0	27	67	92300	591	7360
L450W-50S	.4	24800	0	21	3	1890	.0	13	12	49800	615	2890
L450W-100S	2.0	57500	1	43	3	1040	.5	10	15	48700	566	1960
L450W-150S	.9	43300	6	32	3	765	.1	10	15	54500	460	2940
L450W-200S	.8	40600	6	31	1	3550	.4	13	21	49500	625	2260
L450W-250S	.8	52900	11	34	0	1620	.1	11	15	64100	449	2690
L450W-300S	.5	58900	0	38	0	1170	.6	11	28	63200	612	3130
L450W-350S	1.5	66300	0	43	3	2240	.6	15	35	66300	1090	2280
L450W-400S	1.2	63600	0	42	5	1340	.0	19	34	86600	1020	5050
L450W-450S	1.5	76900	0	52	7	6360	.5	25	85	82500	955	7200
L450W-500S	1.0	68500	0	47	8	1880	.4	19	57	85200	561	5210
L450W-550S	1.6	75400	0	52	7	1920	.0	23	36	117000	552	6750
L450W-600S	1.5	71600	0	49	9	2180	.0	21	25	106000	377	4430
L450W-650S	1.2	59900	0	40	8	2100	.0	20	35	86100	413	5250
L450W-700S	1.1	48000	0	34	5	827	.0	16	19	95900	356	5050
L450W-750S	1.4	69400	0	48	8	2670	.0	22	34	103000	534	6980
L450W-800S	1.6	60400	0	43	8	2230	.0	23	31	123000	580	6640
L150E-000N	1.3	51500	0	36	6	1570	.5	19	19	78500	359	2760
L150E-050N	1.4	36200	0	27	4	1300	.0	12	16	79200	384	2100
L150E-100N	1.7	57000	0	40	9	1930	.0	14	21	83300	294	2300
L150E-150N	.2	35000	0	26	1	1560	.1	9	17	57200	375	2790
L150E-200N	.7	34900	0	24	4	1410	.0	11	10	78000	210	1440
L150E-250N	1.1	67000	0	46	3	1480	.0	12	34	75800	269	1960
L150E-300N	.9	55900	0	37	5	1250	.0	11	28	70100	210	1780
L150E-400N	.6	33200	0	23	2	779	.2	10	18	60800	242	1740
L150E-450N	.6	30600	0	21	0	778	.1	11	19	64600	233	1720
L150E-500N	.7	21000	0	14	4	1290	.0	8	9	47400	181	1370
L150E-550N 40M	.5	25200	0	17	1	2470	.0	11	11	62700	259	2830
L150E-600N	1.1	61300	27	41	3	1340	.2	18	35	63600	613	3640
L300W-000 40M	.4	41000	17	28	0	1330	.5	13	12	70300	613	1980
L300W-050N 40M	.4	32600	6	23	2	1690	.1	10	10	54100	786	1470
L300W-100N	2.0	79900	36	54	3	596	1.2	20	31	80100	804	3370
L300W-150N	2.1	116000	18	76	4	1460	2.7	16	31	45200	540	1990
L300W-200N	.2	43900	48	29	0	778	.8	13	14	63200	980	1980
L300W-250N	1.4	49100	44	33	5	1360	1.6	17	23	59800	542	2740

T VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
L150W-50S	227	6	73	8	450	40	5	74	6	0	90.1	92
L150W-100S	100	3	115	6	182	20	4	29	1	6	74.8	5
L150W-150S 20M	233	5	127	9	420	55	10	46	4	5	75.8	105
L150W-200S	427	8	113	10	783	70	9	78	8	0	113.1	164
L150W-250S	207	7	70	4	741	15	9	72	4	2	127.5	79
L150W-300S	3320	5	111	15	898	37	7	66	4	7	75.7	165
L150W-350S	226	8	103	4	860	3	4	79	1	1	90.7	11
L150W-400S	5850	12	102	18	1350	19	7	67	1	7	148.7	115
L150W-450S	629	6	101	12	1020	26	6	64	2	1	122.7	69
L150W-500S	310	4	116	10	666	7	0	43	2	0	161.3	22
L150W-550S	83	4	123	3	481	0	0	49	0	0	185.9	15
L150W-600S	93	7	97	15	3580	17	6	45	5	1	113.2	16
L150W-650S	214	5	116	13	744	8	4	72	1	2	113.2	53
L150W-700S	143	7	99	10	743	16	8	83	2	2	116.5	31
L150W-750S	603	9	78	17	1220	19	13	117	1	2	115.4	87
L150W-800S	360	6	83	12	1790	13	9	73	3	1	107.1	33
L150W-900S	1010	4	165	18	953	10	2	60	2	3	97.8	66
L150W-950S	2000	4	127	13	1230	15	4	59	1	5	99.6	52
L150W-1000S 40M	307	4	124	10	695	5	0	54	0	0	101.6	18
L150W-1050S	275	4	123	7	1130	1	0	52	0	1	118.7	8
L150W-1100S	555	3	102	7	942	5	2	45	2	1	107.2	22
L150W-1150S	710	4	92	9	834	2	2	60	1	0	96.8	41
L150W-1200S	242	3	101	8	565	0	0	87	0	0	154.2	0
L150W-1250S	216	2	118	11	468	0	0	81	0	0	280.7	0
? L150W-1300S	161	5	116	7	415	1	4	57	5	2	149.4	7
? L150W-1350S	435	8	86	15	2090	4	13	90	4	2	178.8	12
L450W-50S	773	4	124	8	611	33	0	36	3	0	79.1	45
L450W-100S	227	6	63	6	615	22	7	56	6	0	70.3	64
L450W-150S	204	6	85	6	337	25	4	45	6	0	106.1	23
L450W-200S	870	10	99	7	813	58	0	46	4	0	86.8	151
L450W-250S	348	4	60	4	637	40	0	57	2	0	104.7	57
L450W-300S	329	5	58	5	392	37	0	61	3	0	111.4	129
L450W-350S	1590	6	100	7	748	66	0	75	2	0	72.7	241
L450W-400S	583	3	72	7	461	13	0	72	0	0	106.9	138
L450W-450S	676	6	105	16	902	32	0	93	2	0	128.4	159
L450W-500S	516	4	83	8	577	9	0	79	0	0	126.6	44
L450W-550S	364	3	89	7	849	0	0	86	0	0	153.4	28
L450W-600S	295	4	97	4	244	0	0	84	0	0	165.4	22
L450W-650S	1090	3	87	5	640	5	0	71	0	0	147.4	38
L450W-700S	352	4	78	7	546	1	0	53	1	0	132.0	12
L450W-750S	495	3	107	9	670	0	0	98	0	0	157.5	21
L450W-800S	418	4	83	8	513	0	0	79	0	0	122.8	35
L150E-000N	646	6	70	6	611	28	0	63	3	0	120.7	201
L150E-050N	153	4	72	6	497	17	0	48	5	0	142.6	39
L150E-100N	246	4	81	3	699	3	0	72	0	0	142.4	13
L150E-150N	312	3	87	4	616	7	0	38	2	0	101.3	13
L150E-200N	138	2	76	2	278	0	0	41	1	0	156.8	0
L150E-250N	114	4	98	2	364	0	0	71	1	0	144.3	1
L150E-300N	106	4	87	3	439	0	0	60	2	0	134.7	0
L150E-400N	104	4	64	5	193	13	0	40	5	0	152.0	10
L150E-450N	103	4	62	6	191	14	0	37	5	0	155.8	9
L150E-500N	85	0	87	1	302	0	0	30	0	0	87.4	4
L150E-550N 40M	255	2	93	3	411	0	0	40	0	0	115.7	12
L150E-600N	734	6	73	7	825	33	0	68	4	0	101.7	42
L300W-000 40M	316	10	71	5	497	29	0	47	7	0	146.7	67
L300W-050N 40M	475	4	62	7	409	16	0	38	4	0	144.2	22
L300W-100N	1040	11	70	10	631	98	1	82	10	0	137.4	277
L300W-150N	7110	17	78	11	2290	175	0	106	0	1	56.1	507
L300W-200N	920	4	97	7	1140	79	0	44	7	0	116.2	56
L300W-250N	6730	7	64	11	1160	502	0	50	3	0	80.7	420

(VALUES IN PPM)	BA	SE	AU-PPB
L150W-50S	51	0	4
L150W-100S	35	0	2
L150W-150S 20M	47	0	1
L150W-200S	59	0	10
L150W-250S	48	0	3
L150W-300S	174	0	1
L150W-350S	34	0	2
L150W-400S	48	0	2
L150W-450S	45	0	1
L150W-500S	34	0	1
L150W-550S	23	0	2
L150W-600S	34	0	3
L150W-650S	29	0	1
L150W-700S	33	0	3
L150W-750S	65	0	2
L150W-800S	49	0	1
L150W-900S	120	0	6
L150W-950S	71	0	1
L150W-1000S 40M	40	0	4
L150W-1050S	33	0	2
L150W-1100S	44	0	3
L150W-1150S	62	0	1
L150W-1200S	33	0	1
L150W-1250S	34	0	2
L150W-1300S	49	0	1
L150W-1350S	60	0	2
L450W-50S	50	0	1
L450W-100S	47	0	5
L450W-150S	43	0	3
L450W-200S	117	0	2
L450W-250S	46	0	2
L450W-300S	58	0	1
L450W-350S	134	0	4
L450W-400S	96	0	1
L450W-450S	144	0	3
L450W-500S	66	0	2
L450W-550S	86	0	1
L450W-600S	64	0	1
L450W-650S	76	0	1
L450W-700S	61	0	2
L450W-750S	74	0	1
L450W-800S	78	0	3
L150E-000N	72	0	5
L150E-050N	55	0	2
L150E-100N	42	0	7
L150E-150N	41	0	3
L150E-200N	32	0	1
L150E-250N	42	0	30
L150E-300N	40	0	3
L150E-400N	36	0	8
L150E-450N	36	0	2
L150E-500N	29	0	1
L150E-550N 40M	35	0	1
L150E-600N	88	0	5
L300W-000 40M	131	0	5
L300W-050N 40M	60	0	1
L300W-100N	112	0	3
L300W-150N	87	0	3
L300W-200N	70	0	1
L300W-250N	85	0	34

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L0-0	1.7	59400	20	48	5	1380	.0	15	69	53800	390	4910
L0-50N	.6	37600	23	30	2	524	.4	10	12	42200	229	1490
L0-100N 40MESH	.1	17900	12	16	2	1120	.3	8	9	33800	434	1790
L0-150N 40MESH	.0	25500	14	22	4	2320	.8	11	12	42000	353	1910
L0-200N	1.1	69200	24	56	6	1370	.2	22	85	75000	392	4980
L0-250N	1.3	33100	20	29	3	1210	.6	16	30	54000	400	3170
L0-300N 40MESH	1.7	29900	40	28	10	1890	13.5	22	64	68400	728	3270
L0-350N	3.9	27400	63	25	6	3390	8.3	21	57	51000	655	3560
L0-400N	3.8	33300	65	30	6	2630	3.0	23	48	58600	531	3680
L0-450N 40MESH	.5	22800	28	20	3	2720	.6	11	16	38200	448	2850
L0-500N	.8	23900	0	22	0	1260	.0	10	11	56600	199	2480
L0-550N	.9	51300	26	40	3	674	.0	10	14	55000	149	2010
L0-600N	.0	46000	0	35	0	523	.1	7	12	44800	134	1640
L0-650N	.0	60100	0	43	0	669	.0	8	22	43490	164	1930
L0-700N 40MESH	.0	16600	0	13	0	2380	1.1	13	16	27800	261	1730
L0-750N	1.1	53400	11	44	4	1380	.0	15	42	69000	184	3010
L0-800N	.5	34300	0	30	3	781	.0	15	13	97400	156	3570
L0-850N	.8	23400	2	19	3	2170	.5	10	17	33200	290	3570
L0-900N	.6	40700	10	31	3	1720	.0	6	12	22600	246	2120
L0-950N	.4	22200	0	22	4	5470	.0	19	31	59800	441	8680
L0-1000N 40MESH	.5	33100	0	28	4	5100	.4	19	41	54400	346	7670
L0-1100N	.0	41000	8	32	0	702	.3	13	16	48400	257	2300
L0-1150N	.0	29000	5	24	0	609	.1	9	14	41400	276	2100
L0-1200N	.4	40600	19	33	1	667	.1	16	15	52200	300	2240
L0-1250N	.0	54800	0	42	1	647	.0	12	24	52200	182	2010
L0-1300N	.0	50500	5	40	1	660	.1	25	21	52600	321	1410
L0-1350N 40MESH	.0	27500	1	22	0	526	.2	7	7	31800	375	1790
L0-1400N	.0	17700	0	14	0	676	.4	3	6	13200	404	933
L0-1450N 40MESH	.0	20800	0	16	0	1650	.0	10	6	35400	451	1640
L0-1500N	.0	21500	0	16	0	699	.1	5	7	29800	308	1320
L0-1550N 40M	.0	19900	7	15	1	801	.4	8	11	26900	428	2530
L0-1600N	.2	27300	0	19	2	1110	.7	11	26	33700	299	4520
L0-1650N	.0	21300	8	15	1	653	.2	7	11	31500	431	2010
L0-1700N 40M	.0	20700	6	14	0	1440	.2	8	10	24700	442	1390
L0-1750N	.8	77200	1	53	6	836	.4	21	58	71500	205	6280
L3+00W-7+00N 40M	.5	28800	19	22	3	1120	1.2	17	35	48600	429	3540
L3+00W-7+50N	.2	41700	0	29	0	594	.2	8	14	51400	211	1790
L3+00W-8+00N	.0	70900	0	48	0	412	.6	10	20	53800	222	1590
L3+00W-8+50N	.1	24400	4	17	1	1980	.2	12	28	36700	460	4540
L3+00W-9+00N	.2	38500	14	27	1	400	.4	8	16	41800	230	1480
L3+00W-9+50N	.2	58500	0	40	1	597	.2	10	25	50400	235	2310
L3+00W-10+00N 20M	.2	13600	7	10	1	2730	1.3	10	18	27700	678	4920
L3+00W-10+17N	.0	42600	6	30	1	484	.7	13	29	53800	808	3150
L3+00W-11+00N	.0	35200	0	24	2	1710	.1	15	29	46600	316	6460
L3+00W-12+00N	.7	33800	71	26	3	384	.7	47	98	77700	441	4520
L3+00W-12+10N	1.3	5690	382	19	0	79	.0	31	88	267000	596	2390
L3+00W-15+00N	.9	38900	0	29	8	2410	.0	20	27	62600	387	6090
L1050W-0+00N	.7	27600	17	21	3	403	.2	8	11	48200	263	1580
L1050W-0+50N	.9	20700	12	17	4	377	.0	8	8	47800	186	1020
L1050W-1+00N 40M	1.0	34200	25	26	6	611	.0	12	15	63300	408	3220
L1050W-2+00N	1.5	27400	28	20	5	110	.0	6	10	30900	409	721
L1050W-2+50N	.1	25200	10	17	0	140	.3	5	6	25300	352	660
L1050W-3+00N	.8	29300	26	21	2	257	.9	11	20	32900	605	4270
L1050W-3+50N	.0	30000	10	20	0	99	.8	5	8	28100	245	903
L1050W-4+00N 40M	.4	27200	11	19	1	892	.9	10	32	31100	900	3900
L1050W-4+50N	.4	46800	0	31	1	475	.0	7	13	34700	260	1200
L1050W-5+00N 40M	.5	28200	4	21	1	556	.0	9	11	65900	194	1500
L1050W-5+50N 40M	.3	21600	9	16	0	411	.3	7	9	40200	265	1310
L1+50W-0+00	.7	14300	20	12	2	611	.3	7	9	31900	205	721
L1+50W-0+50N	.8	18200	27	13	2	442	.1	8	10	28900	214	1020

PROJECT No: 30301-608-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-799/P1&2

ATTENTION: K. HUDSON | (604)980-5814 OR (604)988-4524 | *TYPE SOIL GEOCHEM* | DATE: AUGUST 24, 1984

(REPORT VALUES IN PPM)	BA	SE	AU-PPB
L0-0	55	0	10
L0-50N	34	0	4
L0-100N 40MESH	36	0	5
L0-150N 40MESH	107	0	2
L0-200N	56	0	5
L0-250N	61	0	15
L0-300N 40MESH	162	0	8
L0-350N	147	0	25
L0-400N	84	0	16
L0-450N 40MESH	121	0	5
L0-500N	32	0	4
L0-550N	23	0	3
L0-600N	18	0	4
L0-650N	24	0	5
L0-700N 40MESH	58	0	10
L0-750N	30	0	4
L0-800N	29	0	5
L0-850N	60	0	17
L0-900N	44	0	8
L0-950N	63	0	35
L0-1000N 40MESH	47	0	2
L0-1100N	45	0	15
L0-1150N	50	0	15
L0-1200N	62	0	18
L0-1250N	33	0	5
L0-1300N	41	0	2
L0-1350N 40MESH	61	0	4
L0-1400N	31	0	3
L0-1450N 40MESH	69	0	3
L0-1500N	81	0	1
L0-1150N 40M	80	0	10
L0-1600N	56	0	9
L0-1650N	59	0	7
L0-1700N 40M	103	0	9
L0-1750N	47	0	38
L3+00W-7+00N 40M	61	0	10
L3+00W-7+50N	26	0	10
L3+00W-8+00N	29	0	7
L3+00W-8+50N	53	0	5
L3+00W-9+00N	31	0	9
L3+00W-9+50N	33	0	5
L3+00W-10+00N 20M	131	0	5
L3+00W-10+17N	69	0	5
L3+00W-11+00N	60	0	23
L3+00W-12+00N	57	0	4
L3+00W-12+10N	68	0	112
L3+00W-15+00N	81	0	5
L1050W-0+00N	41	0	5
L1050W-0+50N	34	0	3
L1050W-1+00N 40M	65	0	5
L1050W-2+00N	49	0	24
L1050W-2+50N	26	0	3
L1050W-3+00N	116	0	10
L1050W-3+50N	29	0	3
L1050W-4+00N 40M	114	0	6
L1050W-4+50N	33	0	5
L1050W-5+00N 40M	41	0	5
L1050N-5+50N 40M	44	0	6
L1+50W-0+00	23	0	6
L1+50W-0+50N	50	0	4

PROJECT No: 30301-608-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-799/P12.2

ATTENTION: K. HUDSON | (604)980-5814 OR (604)988-4524 | *TYPE SOIL GEOCHEM* | DATE: AUGUST 24, 1984

(REPORT VALUES IN PPM)	MN	MO	NA	NI	P	PB ✓	SB	SR	TH	U	V	ZN ✓
L0-0	423	6	88	12	528	29	0	60	2	0	83.2	113
L0-50N	144	4	57	9	293	11	0	35	4	0	86.9	32
L0-100N 40MESH	309	4	89	4	609	22	0	20	2	0	58.6	48
L0-150N 40MESH	5860	9	96	11	1020	38	0	27	1	0	63.0	181
L0-200N	2770	6	66	9	1480	7	0	70	1	0	136.3	96
L0-250N	1700	6	97	9	1200	49	0	34	2	0	68.4	241
L0-300N 40MESH	8350	12	65	17	2620	339	0	28	3	0	52.9	1590
L0-350N	5110	7	65	11	1790	421	0	31	3	0	44.8	945
L0-400N	4790	8	64	14	1780	428	2	34	4	0	52.1	620
L0-450N 40MESH	937	6	88	8	633	54	0	30	3	0	59.4	134
L0-500N	192	3	124	6	315	7	0	27	1	0	92.3	24
L0-550N	144	5	80	5	608	21	0	44	1	0	93.8	13
L0-600N	112	4	77	3	510	14	0	34	0	0	81.9	3
L0-650N	178	3	87	4	510	13	0	43	1	0	80.7	0
L0-700N 40MESH	5290	3	76	7	686	19	0	19	0	0	52.1	32
L0-750N	1040	5	93	8	1900	30	0	46	1	0	122.1	30
L0-800N	147	3	62	2	278	0	0	33	1	0	140.3	64
L0-850N	364	4	98	11	513	11	0	36	0	0	80.3	52
L0-900N	106	4	80	4	983	12	0	42	0	0	54.2	6
L0-950N	591	2	135	14	315	2	0	37	0	0	121.8	41
L0-1000N 40MESH	576	3	103	13	580	24	0	40	0	0	110.9	127
L0-1100N	359	4	58	8	616	82	0	37	3	0	76.1	192
L0-1150N	231	3	75	5	637	13	0	28	2	0	61.1	20
L0-1200N	541	6	76	7	786	57	0	38	3	0	68.4	63
L0-1250N	393	3	61	5	1310	0	0	46	0	0	60.8	11
L0-1300N	2330	5	64	8	1640	5	0	40	2	0	41.2	24
L0-1350N 40MESH	883	3	68	5	381	8	0	25	2	0	63.2	9
L0-1400N	133	2	56	3	215	10	0	16	1	0	35.8	1
L0-1450N 40MESH	940	2	109	4	374	0	0	24	0	0	71.5	17
L0-1500N	167	4	70	4	341	5	0	19	1	0	52.5	16
L0-1550N 40M	472	3	64	7	490	10	0	25	3	0	46.2	21
L0-1600N	700	3	59	8	522	7	0	32	0	0	39.4	44
L0-1650N	216	3	62	5	558	5	0	27	3	0	56.8	9
L0-1700N 40M	964	3	58	4	642	8	0	26	3	0	40.3	13
? L0-1750N	374	6	59	13	1600	1	0	74	4	0	145.7	7
L3+00W-7+00N 40M	1690	5	74	8	730	40	0	36	4	0	74.8	228
L3+00W-7+50N	118	4	48	6	443	1	0	41	4	0	103.5	3
L3+00W-8+00N	478	6	44	6	5200	8	0	56	4	0	90.4	5
L3+00W-8+50N	872	3	79	10	734	17	0	32	3	0	84.5	53
L3+00W-9+00N	404	4	46	7	812	18	0	38	5	0	66.7	20
L3+00W-9+50N	160	4	55	5	622	16	0	56	4	0	85.2	5
L3+00W-10+00N 20M	1420	2	64	8	372	46	0	21	2	0	33.4	268
? L3+00W-10+17N	485	5	50	9	294	103	0	44	7	0	52.7	230
L3+00W-11+00N	634	3	63	10	172	0	0	42	1	0	81.7	43
L3+00W-12+00N	2150	8	49	14	863	89	0	35	9	0	51.0	156
? L3+00W-12+10N	414	6	29	13	2840	112	0	13	24	0	52.0	316
? L3+00W-15+00N	844	5	80	11	260	10	0	54	2	0	102.9	74
L1050W-0+00N	86	4	47	7	173	15	3	34	6	0	81.1	12
L1050W-0+50N	56	4	92	5	167	8	2	27	5	4	101.8	4
L1050W-1+00N 40M	200	5	90	8	782	17	6	46	8	0	90.8	12
L1050W-2+00N	218	4	45	4	338	68	6	31	5	14	23.8	73
L1050W-2+50N	147	3	42	4	110	19	1	26	4	0	28.9	6
L1050W-3+00N	807	5	54	10	390	46	1	31	4	0	38.2	140
L1050W-3+50N	49	2	40	4	167	9	0	31	5	0	38.6	6
L1050W-4+00N 40M	630	3	59	10	446	27	0	33	3	0	40.5	85
L1050W-4+50N	142	6	55	5	409	9	0	48	4	0	73.8	5
L1050W-5+00N 40M	63	4	51	7	209	6	0	34	6	0	126.7	0
L1050W-5+50N 40M	96	4	76	6	268	6	1	27	4	0	74.4	8
L1+50W-0+00	74	2	34	5	276	10	1	20	3	0	80.2	11
L1+50W-0+50N	124	3	44	6	174	17	3	24	4	4	71.4	15

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CO	CO	CU	FE	K	MG
L1+50W-1+00N	.3	17300	14	13	3	788	.7	7	6	30800	211	1220
L1+50W-1+50N	.4	33800	14	26	3	557	.5	10	15	46600	294	2130
L1+50W-2+00N	.4	17000	23	13	3	447	.3	7	9	31600	199	1350
L1+50W-2+50N 40M	4.2	85800	47	62	7	500	1.3	38	49	42500	177	1640
L1+50W-3+00N 40M	1.1	28200	36	22	4	365	.7	11	20	51300	264	1250
L1+50W-3+50N	7.2	54500	57	42	9	521	4.0	38	109	80600	332	3210
L450W-0+00	.2	42500	10	32	1	307	.3	11	12	72400	196	1810
L450W-0+50N 40M	.0	26700	1	20	0	381	.2	6	5	46700	313	798
L450W-1+50N	.0	11500	9	8	1	478	.4	3	5	11800	184	788
L450W-2+00N	.2	52000	20	37	0	356	.8	12	23	50900	231	2060
L450W-2+50N 40M	.6	23500	20	17	3	670	.6	9	10	35000	331	1100
L450W-3+00N	3.9	48700	17	35	2	439	1.7	15	46	42900	288	1210
L450W-3+50N 40M	.4	28100	15	20	0	778	1.5	10	16	33100	274	1420
L450W-4+00N	1.2	52400	14	37	2	259	.7	14	27	50400	161	1520
L450W-4+50N 40M	.1	18200	10	12	0	1180	.4	5	4	20700	250	668
L450W-5+00N 40M	.7	31900	17	24	1	539	.2	11	11	66700	197	1450
L450W-5+50N 40M	.0	15100	37	14	6	1000	4.1	19	40	56000	626	2150
L450W-6+00N 40M	.0	14400	29	11	3	2590	.9	14	14	38500	692	1660
L450W-6+50N	3.8	39500	33	31	7	1370	2.8	17	42	57600	381	3590
L450W-7+00N 40M	.7	22400	36	18	5	1850	.9	13	12	43900	390	1400
L450W-7+50N 40M	1.4	28100	41	22	7	2660	3.9	17	22	39000	329	3070
L450W-8+00N 40M	2.3	16600	39	14	2	395	.6	10	9	44700	186	1450
L450W-8+50N 40M	1.0	29500	12	23	4	634	.5	9	8	54900	246	1640
L450W-9+00N	1.1	67600	24	50	6	406	.4	14	14	60700	182	1630
L450W-9+50N	1.8	42600	24	32	5	332	.4	11	18	47400	164	1530
L450W-10+00N 40M	.6	20700	15	16	4	1100	1.0	11	7	39500	273	1960
L450W-10+50N 40M	.9	29100	28	24	3	508	.3	14	13	73700	177	1930
L450W-11+00N 40M	.9	39700	36	32	10	1060	2.0	19	25	53900	222	2850
L450W-11+50N	1.1	75100	41	56	7	592	.0	13	19	67400	196	2890
L450W-12+00N 40M	.7	25600	20	21	5	591	.1	12	10	65700	147	1570
L450W-12+50N	1.2	30500	33	24	2	806	.5	13	12	58000	225	1900
L450W-13+00N 40M	.5	19400	47	16	2	557	.6	14	15	43500	511	2420
L450W-13+50N 40M	1.2	20600	36	17	0	470	.3	9	10	52400	208	1320
L450W-14+00N 40M	.8	11100	28	10	3	803	.5	7	5	31800	232	747
L450W-14+50N	.9	78200	5	57	6	799	.1	23	56	78400	181	6630

...ION: K. HUDSON (604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM* DATE: AUGUST 23, 1984

/ORT VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
L1+50W-1+00N	448	3	49	5	377	19	2	19	3	1	59.0	21
L1+50W-1+50N	227	5	51	6	476	17	0	37	4	0	82.4	53
L1+50W-2+00N	357	5	50	5	481	24	2	20	2	0	58.2	17
L1+50W-2+50N 40M	5460	11	38	11	2160	105	3	76	3	2	47.1	74
L1+50W-3+00N 40M	1250	6	40	8	1010	105	1	28	5	0	68.9	76
L1+50W-3+50N	6500	11	44	22	2500	342	0	47	4	0	47.8	659
L450W-0+00	158	8	44	6	462	33	0	41	6	0	70.7	45
L450W-0+50N 40M	75	4	50	4	526	11	0	26	4	0	35.0	38
L450W-1+50N	86	2	47	2	453	13	0	14	0	0	33.6	11
L450W-2+00N	231	6	45	7	446	77	0	48	4	0	66.2	92
L450W-2+50N 40M	1860	6	53	6	596	36	2	25	3	0	40.8	99
L450W-3+00N	4720	10	45	11	1190	171	0	42	2	0	41.4	322
L450W-3+50N 40M	813	4	51	4	1290	43	0	26	2	0	42.0	39
L450W-4+00N	601	6	49	6	605	50	0	47	4	0	68.3	169
L450W-4+50N 40M	85	3	30	3	316	14	0	19	2	0	39.2	29
L450W-5+00N 40M	162	4	32	6	470	15	0	34	5	0	77.6	47
L450W-5+50N 40M	7450	7	38	12	880	69	1	20	3	0	24.9	424
L450W-6+00N 40M	2670	5	45	5	553	33	1	22	3	0	47.7	108
L450W-6+50N	5020	10	57	15	1140	51	2	43	2	5	66.8	493
L450W-7+00N 40M	3090	5	64	7	628	61	3	30	3	11	73.1	131
L450W-7+50N 40M	3990	5	56	11	943	176	5	36	2	14	51.5	463
L450W-8+00N 40M	162	4	49	8	460	44	4	22	4	6	81.3	41
L450W-8+50N 40M	226	4	66	6	501	11	4	35	5	2	86.4	19
L450W-9+00N	511	6	49	7	1080	17	7	66	5	1	68.0	1
L450W-9+50N	254	5	56	6	606	30	5	44	3	10	80.4	37
L450W-10+00N 40M	1880	4	68	6	446	14	5	28	3	17	73.5	94
L450W-10+50N 40M	276	5	47	10	408	18	1	34	4	0	122.3	60
L450W-11+00N 40M	6190	6	57	15	760	117	6	44	1	19	73.9	234
L450W-11+50N	225	8	53	6	1290	26	5	71	4	0	90.3	43
L450W-12+00N 40M	100	4	48	8	412	15	0	30	3	0	133.8	22
L450W-12+50N	288	6	52	5	637	31	0	33	4	0	88.6	128
L450W-13+00N 40M	1170	3	40	9	650	137	3	22	4	0	55.4	103
L450W-13+50N 40M	116	4	50	7	478	77	1	25	4	0	81.0	53
? L450W-14+00N 40M	64	3	46	4	371	11	1	16	2	3	75.5	27
? L450W-14+50N	406	7	58	13	1810	0	0	72	1	0	142.4	19

VALUES IN PPM)	BA	SE	AU-PPB
L1+50W-1+00N	31	0	2
L1+50W-1+50N	50	0	5
L1+50W-2+00N	32	0	5
L1+50W-2+50N 40M	36	0	15
L1+50W-3+00N 40M	40	0	9
L1+50W-3+50N	55	0	22
L450W-0+00	40	0	24
L450W-0+50N 40M	33	0	1
L450W-1+50N	23	0	2
L450W-2+00N	40	0	5
L450W-2+50N 40M	49	0	1
L450W-3+00N	51	0	13
L450W-3+50N 40M	36	0	2
L450W-4+00N	41	0	7
L450W-4+50N 40M	69	0	1
L450W-5+00N 40M	39	0	1
L450W-5+50N 40M	173	0	22
L450W-6+00N 40M	125	0	5
L450W-6+50N	86	0	16
L450W-7+00N 40M	68	0	1
L450W-7+50N 40M	101	0	8
L450W-8+00N 40M	45	0	8
L450W-8+50N 40M	44	0	9
L450W-9+00N	30	0	4
L450W-9+50N	34	0	5
L450W-10+00N 40M	59	0	2
L450W-10+50N 40M	43	0	3
L450W-11+00N 40M	72	0	3
L450W-11+50N	27	0	10
L450W-12+00N 40M	23	0	2
L450W-12+50N	37	0	14
L450W-13+00N 40M	105	0	8
L450W-13+50N 40M	39	0	7
L450W-14+00N 40M	27	0	5
L450W-14+50N	44	0	7

COMPANY: FALCONBRIDGE LTD. MIN-EN LABS ICP REPORT (ACT:GE036) PAGE 1 OF 3
PROJECT No: 30308-604-100 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE No: 4-9695
ATTENTION: K.HUDSON (604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM* DATE: SEPTEMBER 10, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
1200E0	.4	44000	0	44	4	2610	.0	11	11	62500	260	2670
1200E50S	.7	49700	0	44	6	2070	.0	15	12	98500	276	3050
1200E1+00S	.6	46900	0	41	5	2070	.0	14	5	86300	283	3520
1200E1+50S	.7	46900	0	42	6	3050	.0	16	0	104000	283	3320
1200E2+00S	.5	36200	0	32	5	3650	.0	15	4	93400	264	2880
1200E2+50S	.7	53700	0	47	5	3090	.0	16	13	95500	309	4260
1200E3+00S	.8	41300	0	36	5	1870	.0	17	63	68900	285	2950
1200E3+50S	.4	42800	0	38	3	1650	.0	13	5	82600	219	2610
1200E4+00S	.4	34400	11	30	5	1000	.0	13	8	67600	154	2630
1200E4+50S	.5	44800	0	39	4	1510	.0	13	15	70800	183	3120
1200E5+00S	.7	33800	0	30	5	2080	.0	14	1	93000	175	2250
1200E5+50S	.5	38300	0	33	6	3300	.0	14	36	60900	301	5500
1200E6+00S	.5	42000	4	36	4	1380	.0	10	5	65500	248	1970
1200E6+50S	.6	29300	10	25	4	1470	.0	11	0	67800	229	1590
1200E7+00S	.6	50700	0	44	6	2000	.0	15	23	80000	257	2540
1200E7+50S	.8	47600	0	45	9	2200	.0	32	28	105000	602	10100

(VALUES IN PPM)	MN	MO	NA	NI	P	PB ✓	SB	SR	TH	U	V	ZN ✓
1200E0	375	0	99	2	1570	2	2	50	0	0	71.5	19
1200E50S	148	0	76	0	1820	0	4	52	0	1	127.5	13
1200E1+00S	354	0	87	0	951	5	4	53	0	3	139.5	23
200E1+50S	227	0	102	0	1070	0	0	57	0	3	154.8	2
1200E2+00S	178	0	113	0	909	0	0	49	0	0	141.1	10
1200E2+50S	221	0	111	0	325	0	0	68	0	1	138.8	11
1200E3+00S	208	1	96	2	636	0	1	45	0	0	90.9	50
1200E3+50S	225	0	82	0	872	0	2	43	0	0	115.8	1
1200E4+00S	824	0	82	3	2070	5	4	27	0	1	101.3	9
1200E4+50S	468	0	96	1	1490	5	6	44	0	0	106.3	6
1200E5+00S	273	0	103	0	572	0	0	37	0	0	156.5	7
1200E5+50S	583	1	99	4	759	3	1	51	0	4	77.3	16
1200E6+00S	153	2	83	1	628	6	8	43	0	2	97.9	6
1200E6+50S	134	0	110	0	373	6	0	32	0	4	135.4	8
1200E7+00S	129	0	97	0	990	4	6	55	0	3	113.7	34
? 1200E7+50S	559	0	88	3	568	1	7	55	0	6	206.7	47

XT VALUES IN PPM)	BA	SE	AU-PPB
1200E0	24	0	2
1200E50S	32	0	1
1200E1+00S	28	0	4
1200E1+50S	26	0	3
1200E2+00S	25	0	1
1200E2+50S	27	0	5
1200E3+00S	33	0	3
1200E3+50S	22	0	1
1200E4+00S	22	0	3
1200E4+50S	23	0	1
1200E5+00S	23	0	4
1200E5+50S	28	0	6
1200E6+00S	28	0	3
1200E6+50S	35	0	2
1200E7+00S	31	0	9
1200E7+50S	58	0	3

COMPANY: FALCONBRIDGE LTD. | MIN-EN LABS ICP REPORT | (ACT:GE03B) PAGE 1 OF 3

PROJECT No: 30301-608-100 | 705 W 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-887S/P1+2

ATTENTION: MR. HUDSON | (604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM* | DATE: SEPTEMBER 1, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L0+00 0+50S	1.8	41500	33	39	11	2860	.0	19	29	37900	316	4290
L0+00 1+00S	.7	35200	29	35	10	1790	.0	14	21	59400	196	2490
L0+00 1+50S	.3	27400	23	26	6	1240	.0	10	16	44000	184	2050
L0+00 2+00S	.1	33800	24	33	7	1450	.0	10	18	46500	207	2400
L0+00 2+50S	.2	35800	17	34	8	4010	.0	16	42	39800	437	5260
L0+00 3+50S	.5	38900	76	36	6	5670	.6	15	31	42900	292	2340
L0+00 4+00S	.6	20600	17	21	9	2040	.0	10	11	44600	211	2390
L0+00 4+50S	1.0	64500	72	61	13	1660	.0	17	28	70200	261	5750
L0+00 5+00S	1.0	28200	32	29	11	5270	.0	18	32	49000	470	5850
L0+00 5+50S	.9	38200	35	36	7	760	.0	10	12	53000	157	927
L0+00 6+00S	1.2	65500	100	62	9	436	.0	13	9	62700	246	8420
L0+00 6+50S	1.2	42700	85	41	9	12100	.2	12	18	40100	316	4590
L0+00 7+00S	1.0	24800	22	27	11	1060	.0	13	12	68600	291	2280
L0+00 7+50S	8.4	31900	18	33	5	7430	.3	17	20	50200	453	6840
L0+00 8+00S	1.3	61000	69	59	11	578	.0	13	26	61700	180	2890
L0+00 8+50S	.5	36900	43	35	7	3020	.0	11	28	47900	188	4930
L0+00 9+00S	.5	38400	35	35	8	1180	.0	12	18	48300	186	5420
L0+00 9+50S	.9	66400	59	63	12	2090	.0	17	32	61300	309	5370
L0+00 10+00S	1.0	44600	31	43	11	1490	.0	13	18	59600	199	2390
L0+00 10+50S	1.9	30900	32	32	15	2180	.0	13	19	53700	283	3120
L0+00 11+00S	1.3	49800	61	51	14	6280	.0	24	27	58000	491	6330
L0+00 11+50S	1.5	44900	48	46	14	1730	.0	17	28	67600	240	5340
L0+00 12+00S	1.5	37100	44	37	10	1670	.0	9	6	42100	220	2210
L0+00 12+50S	.5	35700	20	36	9	1250	.0	13	18	59900	376	3420
L0+00 13+00S	.1	33000	13	33	7	7640	.0	16	42	39000	780	8010
L0 1350	1.1	47200	52	47	12	1330	.0	27	42	78700	235	8260
L6+00W2+50S	1.3	62500	73	59	8	604	.0	12	26	53900	329	2280
L6+00W2+00S	1.9	42500	80	43	11	1710	.2	16	39	52100	415	1940
L6+00W1+50S	1.9	68900	96	67	11	947	.0	17	38	61500	662	2710
L6+00W1+00S	2.0	18700	59	21	11	333	.0	9	8	21900	290	787
L6+00W0+50S	1.7	53300	65	45	4	1520	1.9	14	30	48600	737	2750
L3+00W0+50S	1.1	41200	44	36	3	843	.3	10	13	58400	272	1420
L3+00W1+00S	.2	46700	57	39	4	1440	.1	9	19	41800	461	2870
L3+00W1+50S	.2	28600	29	25	5	3060	2.6	14	26	36600	662	4350
L3+00W2+00S	.1	52600	45	44	5	1340	.1	15	20	50400	351	2510
L3+00W2+50S	.0	29200	6	22	0	714	.0	7	10	30200	232	1280
L3+00W3+00S	.0	82400	54	68	3	446	.0	16	4	54300	295	2180
L3+00W3+50S	1.6	52300	50	45	7	2470	.0	15	17	55200	306	2630
L3+00W4+00S	.8	42600	29	36	7	1290	.1	12	13	64600	174	2180
L3+00W4+50S	.9	44900	35	38	8	1350	.5	12	11	59100	204	2590
L3+00W5+00S	1.5	44000	40	40	12	1430	.0	15	11	82000	228	3020
L3+00W5+50S	1.8	41400	40	40	14	1350	.0	20	32	109000	178	5670
L3+00W6+00S	2.3	32300	30	31	12	881	.0	15	14	86900	144	2520
L3+00W6+50S	1.2	38000	52	36	8	1490	.0	15	17	70000	449	4310
L3+00W7+00S	2.1	62700	65	54	14	762	.1	15	28	78400	185	2810
L3+00W7+50S	2.1	49300	60	43	11	979	.0	14	24	67100	171	4310
L3+00W8+00S	1.6	73300	68	63	13	884	.0	15	22	69500	309	3900
L3+00W8+50S	1.2	36000	36	34	10	1270	.0	13	16	60600	372	3220
L3+00W9+00S	1.4	76300	76	65	12	1640	.0	14	24	74900	279	2900
L3+00W9+50S	1.3	43300	46	39	11	3700	.0	14	24	56900	574	3390
L3+00W10+00S	1.3	63200	66	56	11	771	.0	16	17	72900	263	3650
L3+00W11+00S	1.3	47200	39	42	11	797	.0	15	16	75700	282	3290
L300W1150	1.8	53300	42	49	15	2180	.0	31	44	95900	365	9500

RT VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
L0+00 0+50S	729	5	84	9	996	24	5	51	0	0	57.3	143
L0+00 1+00S	290	4	62	7	506	15	4	44	3	0	126.8	29
L0+00 1+50S	157	4	61	6	662	15	3	33	2	0	101.0	22
L0+00 2+00S	173	4	58	8	705	6	1	37	2	0	109.0	15
L0+00 2+50S	656	3	136	9	1010	22	0	45	0	0	79.5	66
L0+00 3+50S	1360	4	68	17	1200	21	5	48	2	0	75.7	130
L0+00 4+00S	240	3	98	6	675	7	2	34	1	0	111.0	12
L0+00 4+50S	201	8	79	16	993	18	13	67	4	0	133.5	49
L0+00 5+00S	618	5	114	14	841	20	6	46	1	0	95.7	85
L0+00 5+50S	50	6	48	6	490	2	6	36	2	0	155.7	5
L0+00 6+00S	78	10	60	20	924	13	20	60	5	0	139.7	13
L0+00 6+50S	253	6	77	18	1010	19	16	69	3	11	79.6	50
L0+00 7+00S	131	5	56	8	318	2	3	30	3	0	158.7	10
L0+00 7+50S	546	5	72	13	487	1	2	44	2	0	89.1	46
L0+00 8+00S	145	8	42	14	1730	22	17	54	4	0	129.7	30
L0+00 8+50S	204	5	64	16	3020	4	2	37	2	0	116.7	36
L0+00 9+00S	288	4	54	11	684	0	0	38	1	0	101.0	13
L0+00 9+50S	288	6	84	13	719	0	3	69	1	0	139.5	35
L0+00 10+00S	191	4	66	8	556	2	6	57	2	0	122.0	5
L0+00 10+50S	184	4	75	8	596	8	6	50	0	19	95.5	16
L0+00 11+00S	1560	7	88	18	1220	10	15	70	2	18	106.2	55
L0+00 11+50S	322	6	59	12	654	10	11	55	2	3	143.4	26
L0+00 12+00S	161	5	67	8	362	8	15	50	3	34	54.9	13
L0+00 12+50S	217	4	52	8	306	0	1	42	2	0	135.6	10
? L0+00 13+00S	1030	3	109	9	610	0	0	55	0	0	68.1	29
? L0 1350 S ?	510	7	59	23	797	0	10	52	4	0	203.3	47
L6+00W2+50S	296	8	37	11	685	41	17	57	5	0	72.9	99
L6+00W2+00S	961	9	59	12	765	83	21	48	5	33	90.5	559
L6+00W1+50S	834	10	47	13	1300	61	29	67	7	23	64.2	300
L6+00W1+00S	91	4	30	8	210	26	17	23	3	70	43.0	28
L6+00W0+50S	2890	9	47	13	940	121	10	52	4	0	56.6	1380
L3+00W0+50S	157	8	34	8	624	29	7	44	4	0	88.5	48
L3+00W1+00S	419	8	47	7	560	72	7	48	4	0	45.4	115
L3+00W1+50S	3380	5	51	12	802	55	3	44	0	0	62.1	254
L3+00W2+00S	2060	6	46	10	1160	57	4	56	1	0	87.5	117
L3+00W2+50S	287	3	40	4	331	7	0	28	1	0	70.7	17
L3+00W3+00S	519	8	37	8	805	13	8	71	5	0	78.5	137
L3+00W3+50S	455	9	63	11	600	38	10	60	4	0	92.0	246
L3+00W4+00S	389	5	45	9	611	21	5	49	3	0	121.6	31
L3+00W4+50S	210	5	48	8	748	30	9	54	2	0	100.0	45
L3+00W5+00S	202	7	47	10	581	14	10	56	3	0	138.9	44
L3+00W5+50S	295	7	40	18	4860	20	7	44	3	0	218.7	49
L3+00W6+00S	130	5	44	10	764	7	7	40	3	0	140.2	21
L3+00W6+50S	446	7	43	13	2640	38	12	49	4	0	114.4	110
L3+00W7+00S	99	8	34	11	1430	18	18	66	4	0	121.2	38
L3+00W7+50S	141	8	70	13	892	31	13	53	3	0	99.6	57
L3+00W8+00S	222	7	44	12	1940	18	22	73	4	2	84.1	30
L3+00W8+50S	288	5	49	11	870	9	9	46	3	1	108.5	29
L3+00W9+00S	228	8	44	10	1150	17	21	79	5	0	94.0	18
L3+00W9+50S	389	6	60	10	697	16	13	59	3	5	100.4	32
L3+00W10+00S	412	7	37	14	1720	7	17	64	3	0	93.8	17
L3+00W11+00S	264	5	43	9	1080	10	11	53	3	0	131.9	23
? L300W1150	557	7	57	22	839	0	12	71	1	0	229.3	59

ORT VALUES IN PPM)	BA	SE	AU-PPB
L0+00 0+50S	40	0	6
L0+00 1+00S	26	0	7
L0+00 1+50S	23	0	3
L0+00 2+00S	21	0	5
L0+00 2+50S	35	0	8
L0+00 3+50S	47	0	3
L0+00 4+00S	29	0	4
L0+00 4+50S	37	0	2
L0+00 5+00S	51	0	2
L0+00 5+50S	23	0	1
L0+00 6+00S	36	1	6
L0+00 6+50S	50	1	9
L0+00 7+00S	27	0	4
L0+00 7+50S	65	0	7
L0+00 8+00S	27	0	3
L0+00 8+50S	27	0	5
L0+00 9+00S	19	0	2
L0+00 9+50S	35	0	3
L0+00 10+00S	28	0	3
L0+00 10+50S	29	0	5
L0+00 11+00S	76	1	2
L0+00 11+50S	32	0	7
L0+00 12+00S	41	0	1
L0+00 12+50S	31	0	3
L0+00 13+00S	64	0	6
L0 1350	68	0	5
L6+00W2+50S	40	1	2
L6+00W2+00S	113	1	1
L6+00W1+50S	89	1	1
L6+00W1+00S	36	0	1
L6+00W0+50S	90	0	32
L3+00W0+50S	46	0	12
L3+00W1+00S	46	0	64
L3+00W1+50S	83	0	3
L3+00W2+00S	32	0	3
L3+00W2+50S	26	0	2
L3+00W3+00S	35	1	3
L3+00W3+50S	122	0	8
L3+00W4+00S	28	0	2
L3+00W4+50S	30	0	13
L3+00W5+00S	35	0	4
L3+00W5+50S	30	0	5
L3+00W6+00S	33	0	6
L3+00W6+50S	38	0	17
L3+00W7+00S	25	0	8
L3+00W7+50S	35	0	4
L3+00W8+00S	36	0	2
L3+00W8+50S	38	0	1
L3+00W9+00S	36	0	4
L3+00W9+50S	56	0	1
L3+00W10+00S	34	0	3
L3+00W11+00S	38	0	2
L300W1150	77	0	3

(REPORT VALUES IN PPM)

		AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L300E100S	40MESH	.9	60800	0	56	14	2990	1.5	14	17	32600	207	1800
L300E150S		.4	33100	19	28	13	865	.8	9	6	31800	135	1970
L300E200S		.1	22300	20	18	10	917	1.1	8	2	32400	111	943
L300E250S		.4	27900	9	56	13	881	.8	9	1	42800	109	827
L300E300S		.4	29400	16	26	13	657	.5	9	2	39400	89	920
L300E350S		.5	38300	3	38	15	1130	1.0	10	10	34800	165	1810
L300E400S	N/S												
L300E450S		.5	33500	14	27	15	901	1.0	9	5	37700	186	1240
L300E500S		.6	29300	20	25	15	694	1.1	9	7	39600	104	1450
L300E550S		.5	25600	34	24	13	5500	1.8	16	22	32500	495	6490
L300E600S		.8	55100	3	46	15	2510	2.0	15	10	30200	294	11000
L300E650S	40M	.4	19600	32	17	12	718	.8	8	1	37900	150	1090
L900E050S		.9	40200	21	42	17	877	1.5	13	47	48000	178	2400
L900E100S		.8	40300	32	34	13	948	1.7	12	73	35000	295	1360
L900E150S		.9	31200	48	27	16	2340	1.0	14	37	41500	223	1840
L900E200S		.8	61600	0	53	20	1170	1.7	13	57	46500	190	2830
L900E250S		.8	29100	27	26	15	562	1.3	10	9	48700	124	1160
L900E300S		.7	33100	22	29	16	877	.8	11	15	43400	142	1770
L900E350S		1.2	21800	31	20	16	1100	.6	9	7	37700	182	1120
L900E400S		1.4	52700	0	55	21	1280	1.3	14	17	60000	190	1840
L900E450S		1.4	34600	28	30	18	778	1.1	11	18	48300	194	1730
L900E500S		.7	21900	27	19	15	1780	.6	9	4	37500	201	1810
L900E550S		.7	41300	0	37	15	1090	1.5	11	4	45300	198	1610
L900E600S		.8	39800	9	35	18	1200	1.1	12	14	47200	169	1570
L750E000S		1.1	50000	4	43	19	1010	1.9	14	33	49300	182	2230
L750E050S		1.7	47900	2	46	20	1800	1.9	19	61	46300	423	2590
L750E100S		.8	53300	0	46	17	1610	1.5	13	21	39800	175	1440
L750E150S		.3	40800	6	34	10	849	1.3	10	13	28600	171	1050
L750E200S		1.0	51500	10	48	15	1090	2.4	13	14	37500	334	1570
L750E250S		1.2	54600	0	55	19	1940	1.7	13	18	41300	604	2200
L750E300S		.6	32600	4	29	7	1730	.0	9	15	52300	208	1780
L750E350S		.5	27800	16	24	7	1860	.0	8	11	44600	236	1770
L750E450S		.8	40100	11	38	6	1910	.1	10	17	55100	312	2100
L750E500S		.9	31700	45	27	6	1080	.0	7	7	44500	238	1270
L750E550S		.8	15400	25	16	7	1550	.0	9	5	50800	214	1260
L300E700S		.0	60300	6	49	5	1410	2.0	20	21	23400	232	1400
L300E750S		.7	42400	0	36	8	1440	.0	11	10	57500	159	3920
L300E800S		1.1	44600	0	38	11	1910	.0	13	15	62600	268	5670
L300E850S		1.1	54600	0	48	13	803	.0	19	0	122000	158	3930
L300E900S		.8	40400	3	34	8	962	.0	11	12	57500	147	4150
L300E950S		.8	29500	4	26	9	1600	.0	11	2	64700	131	2230
L300E1000S		1.1	30300	0	27	11	1150	.0	12	3	69900	112	1920
L300E1050S		.8	28400	10	24	9	1870	.0	11	5	57800	145	3000
L300E1100S		.8	45600	0	38	10	1900	.2	11	29	45600	207	3460
L300E1150S		2.8	39100	0	33	10	1420	.0	11	5	65700	154	2040
L900W0		.9	32300	53	28	3	652	.6	7	5	37900	524	1880
L900N50N		.6	24500	41	20	3	650	.6	5	5	23900	431	1260
L900N100N		1.6	39800	105	36	6	725	2.5	15	6	38800	1000	2100
L900N150N		.8	94500	0	78	8	758	2.7	18	11	46300	460	1740
L900N250N		.6	25000	41	22	4	899	.4	8	5	35400	547	1210
L900N300N	40M	.5	44500	14	39	4	224	.9	9	2	52300	582	2330
L900N350N		1.2	19100	154	19	3	308	.2	6	9	24000	522	780
L900N400N		.9	23200	45	22	5	1460	.5	7	7	33400	547	2020
L900N450N		1.1	23300	38	20	5	1300	.1	8	4	40900	464	1300
L900N500N	40M	1.0	22500	67	20	4	707	.4	8	8	34700	622	1210
L900N550N		.5	48600	34	42	6	533	1.2	14	33	40600	1460	5900
L900N600N		1.2	25500	34	22	6	943	.0	6	3	36800	295	1310
L900N650N		1.6	36700	75	32	13	294	.8	9	7	53400	449	2260
L900N700N		.7	37500	49	31	5	288	1.1	7	7	38400	679	1690
L900N750N		.8	28600	42	25	5	1830	.3	10	3	45700	453	2180

FALCONBRIDGE LTD.
No: 30301-608-100
TION: T. CHANDLER/K. HUDSON

MIN-EN LABS ICP REPORT
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM*

FILE NO. [illegible]
DATE: SEPTEMBER 12, 1984

ART VALUES IN PPM)	MN	MO	NA	NI	P	PB ✓	SB	SR	TH	U	V	ZN ✓
L300E100S 40MESH	413	4	78	10	773	13	22	57	5	0	68.8	0
L300E150S	254	1	56	10	575	8	9	27	5	0	83.6	22
L300E200S	180	1	48	7	352	11	8	22	6	0	103.1	15
L300E250S	61	1	92	3	390	6	9	24	6	0	109.0	9
L300E300S	62	1	55	4	421	3	10	25	6	0	96.1	9
L300E350S	180	2	68	7	444	8	14	35	5	1	97.6	12
L300E400S N/S												
L300E450S	94	1	50	5	511	7	10	29	6	0	98.6	13
L300E500S	75	2	54	6	418	11	14	27	7	3	115.7	12
L300E550S	1020	2	96	18	786	21	14	39	7	6	67.2	80
L300E600S	590	5	159	19	950	23	23	63	8	3	82.5	18
L300E650S 40M	119	1	74	6	358	10	11	20	7	1	107.3	17
L900E050S	324	8	77	5	597	26	20	37	9	3	99.1	35
L900E100S	378	4	62	8	766	47	19	35	8	2	71.8	32
L900E150S	640	5	58	6	802	22	17	32	6	6	87.8	43
L900E200S	193	4	61	9	724	23	24	52	8	1	92.9	20
L900E250S	62	2	53	4	533	15	14	25	8	1	125.1	15
L900E300S	127	2	55	7	568	13	15	31	8	3	109.6	18
L900E350S	70	3	70	5	354	9	13	23	6	7	102.7	17
L900E400S	156	3	71	1	609	16	26	48	9	8	140.3	2
L900E450S	128	3	54	7	711	19	20	32	8	7	99.2	18
L900E500S	148	2	75	5	329	10	9	29	5	2	95.9	20
L900E550S	160	1	50	3	565	5	14	39	6	0	97.1	14
L900E600S	134	2	73	6	548	12	18	38	8	5	127.9	16
L750E000S	236	5	63	6	668	14	23	44	7	5	121.6	14
L750E050S	946	7	71	9	1290	19	21	47	6	9	95.1	86
L750E100S	637	3	60	8	1680	9	23	47	5	6	61.5	20
L750E150S	889	3	50	9	1090	12	17	34	5	1	42.2	16
L750E200S	1490	4	69	10	1440	27	30	48	8	11	59.4	77
L750E250S	904	7	103	10	1190	43	28	54	7	10	85.9	80
L750E300S	129	1	69	4	466	13	5	33	0	2	94.3	15
L750E350S	219	1	61	5	455	14	6	31	0	4	87.6	15
L750E450S	162	1	70	3	428	16	6	39	0	0	100.2	28
L750E500S	84	2	61	4	266	18	8	28	0	1	87.6	12
L750E550S	165	0	102	2	194	4	0	19	0	3	150.8	16
L300E700S	3010	5	51	15	1680	24	22	45	0	6	40.1	47
L300E750S	169	0	77	5	646	4	6	37	0	0	112.1	8
L300E800S	191	0	76	5	844	16	8	43	0	5	126.4	15
L300E850S	53	0	49	0	871	0	4	33	0	2	194.6	0
L300E900S	86	1	68	4	404	12	9	36	0	5	102.9	7
L300E950S	71	0	73	0	329	3	1	30	0	2	113.6	3
L300E1000S	78	0	54	0	289	3	1	24	0	5	152.4	3
L300E1050S	151	0	57	4	246	8	3	30	0	3	106.9	9
L300E1100S	169	1	71	7	529	12	13	48	0	4	69.2	6
? L300E1150S	116	0	66	0	417	15	166	36	0	2	111.3	22
L900W0	303	4	44	9	165	67	19	26	4	8	69.0	85
L900W50N	78	3	56	11	188	21	13	21	1	7	52.1	21
L900W100N	3880	9	56	10	608	439	23	32	3	12	35.9	622
L900W150N	1160	9	52	10	1200	117	42	71	3	11	45.6	492
L900W250N	906	2	65	10	441	41	12	25	0	7	71.3	35
L900W300N 40M	916	4	56	7	791	32	21	33	4	7	38.5	42
L900W350N	374	3	29	13	228	555	14	16	3	5	34.9	207
L900W400N	121	2	69	9	266	2090	15	29	1	9	61.9	28
L900W450N	371	2	53	9	387	343	10	26	0	8	92.9	31
L900W500N 40M	223	6	51	10	651	99	14	20	3	9	43.6	43
L900W550N	1310	10	61	14	671	1350	27	39	4	9	35.8	133
L900W600N	93	2	57	7	192	135	18	27	0	7	89.7	16
L900W650N	122	5	58	6	433	40	19	28	5	6	88.6	32
L900W700N	172	5	55	10	546	49	20	29	4	7	53.5	49
L900W750N	250	7	68	7	190	39	10	33	1	7	105.5	50

ORT VALUES IN PPM)	BA	SE	AU-PPB
L300E100S 40MESH	21	0	26
L300E150S	19	0	10
L300E200S	18	0	2
L300E250S	21	0	1
L300E300S	16	0	1
L300E350S	20	0	7
L300E400S N/S			
L300E450S	19	0	22
L300E500S	19	0	1
L300E550S	63	0	1
L300E600S	21	0	3
L300E650S 40M	22	0	16
L900E050S	28	0	4
L900E100S	32	0	8
L900E150S	42	0	2
L900E200S	24	0	3
L900E250S	25	0	1
L900E300S	22	0	1
L900E350S	21	0	4
L900E400S	28	0	7
L900E450S	25	0	3
L900E500S	24	0	7
L900E550S	24	0	4
L900E600S	27	0	11
L750E000S	26	0	3
L750E050S	41	0	1
L750E100S	29	0	2
L750E150S	28	0	2
L750E200S	46	0	4
L750E250S	40	0	2
L750E300S	22	0	2
L750E350S	22	0	6
L750E450S	28	0	5
L750E500S	20	0	3
L750E550S	23	0	3
L300E700S	27	0	1
L300E750S	19	0	4
L300E800S	26	0	2
L300E850S	21	0	4
L300E900S	25	0	7
L300E950S	20	0	3
L300E1000S	16	0	6
L300E1050S	29	0	2
L300E1100S	26	0	1
L300E1150S	23	0	8
L900W0	70	0	5
L900W50N	47	0	1
L900W100N	177	0	68
L900W150N	57	0	15
L900W250N	36	0	9
L900W300N 40M	46	0	6
L900W350N	37	0	62
L900W400N	35	0	7
L900W450N	23	0	17
L900W500N 40M	46	0	5
L900W550N	119	0	9
L900W600N	26	0	4
L900W650N	68	0	6
L900W700N	81	0	24
L900W750N	50	0	8

COMPANY: FALCONBRIDGE LTD. | MIN-EN LABS ICP REPORT | (ACT:GE038) PAGE 1 OF 3

PROJECT No: 30301-608-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-934/P7&8

ATTENTION: T. CHANDLER/K. HUDSON | (604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM* | DATE: SEPTEMBER 12, 1984

(REPORT VALUES IN PPM)

		AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L600W700N		.4	40800	12	33	9	460	1.1	6	1	31200	240	1080
L600W750N		.7	48600	0	40	11	862	1.7	9	7	33300	295	1630
L600W800N		1.4	41500	5	38	14	1510	2.0	14	30	38200	412	2360
L600W850N		.4	19000	38	25	9	1030	.8	8	3	30100	255	918
L600W900N	40M	1.4	41600	38	39	11	1080	1.6	11	10	38100	385	1610
L600W950N		1.9	44500	26	38	12	1050	1.8	11	9	41400	361	1630
L600W1000N	40M	.4	24600	64	22	14	3120	2.7	14	13	32200	482	2580
L600W1050N		.4	45200	105	41	15	819	2.0	27	8	56200	499	2300
L600W1100N		.6	18000	60	17	10	811	.7	8	7	30800	385	989
L600W1150N		.4	35700	38	32	13	1400	1.2	13	3	42600	404	1630
L600W1200N	40M	.9	38800	48	34	13	1890	1.5	16	9	46800	460	1720
L600W1250N		1.3	46200	27	42	15	1660	2.5	16	12	47200	413	1730
L600W1300N	40M	1.0	40300	45	37	14	1810	2.0	15	9	44800	466	1770
L600W1350N	40M	.6	18200	99	18	9	855	1.2	10	3	33600	519	1170
L600N1400N		1.1	46500	3	42	21	1680	1.6	28	27	69300	357	7630
L600E700N		.5	43600	18	37	11	1010	1.7	15	15	42700	628	1810
L600E750N		1.1	40500	3	36	18	1900	.9	15	19	53000	335	2520
L600E800N		.8	58100	0	50	18	1990	1.7	18	29	52300	356	3500
L600E850N		1.0	57600	0	48	19	2030	1.4	15	34	44600	245	4570
L600E900N		1.4	54700	0	49	22	1470	1.1	16	16	64400	227	2350
L600E950N		.8	43900	7	38	16	2800	1.5	18	36	47300	372	6560
L600E1050N		1.3	50700	0	44	19	3400	1.3	20	34	52600	594	5400
L600E1100N		1.1	48400	0	45	23	1990	1.5	31	35	69900	501	8520
L900E50N		.6	51700	0	44	15	1820	1.6	12	8	45300	350	2410
L900E100N	N/S												
L900E150N	N/S												
L900E200N		1.0	47500	3	46	15	1620	1.5	15	16	44600	381	3530
L900E250N		.7	49300	23	44	18	1030	2.1	17	45	59700	526	4500
L900E300N		.8	26100	34	24	14	1880	1.5	11	8	41800	450	2320
L900E350N		1.7	59300	0	51	18	1510	1.4	13	35	50100	262	2590
L900E400N		1.0	36700	17	32	16	2060	1.1	12	10	43300	280	2350
L900E450N		.7	38300	13	33	17	2290	1.4	13	21	48400	358	2700
L900E500N		1.1	51200	0	44	19	1830	1.5	14	33	48400	374	2810
L900E550N		.8	54100	0	46	17	1800	1.9	16	24	45400	331	2900
L900E600N		.9	46300	0	49	19	2280	1.7	20	22	46000	303	3370
L900E650N		.9	46900	0	43	22	1790	1.8	28	30	66400	403	7490
L450E50S		.9	64800	0	56	18	762	2.0	13	10	60400	244	1730
L450E150S		.6	87100	0	72	16	1450	2.5	12	58	35900	310	3030
L450E200S		1.0	23200	22	22	20	1590	.3	12	0	58700	160	978
L450E250S		1.0	30200	37	26	29	946	1.0	10	32	38000	217	1580
L450E300S		.7	35200	13	31	19	1350	1.3	14	6	55500	185	2490
L450E350S		.7	42400	4	37	18	1260	1.0	12	11	47000	208	2510
L450E400S		.7	32900	16	29	15	551	.9	10	0	48600	150	1270
L450E450S		.8	50400	4	43	14	361	1.3	9	6	46900	211	1480
L450E500S		.8	55400	0	48	17	363	1.8	11	6	55800	211	2070
L450E600S		1.1	63800	0	59	20	1170	1.8	14	5	57200	190	2710
L450E650S		1.1	47200	2	41	20	1260	1.3	14	12	48600	206	3150
L450E700S		.9	35600	12	32	20	856	1.3	14	10	53700	175	2390
L450E750S		1.0	61500	0	52	21	899	1.4	13	12	54700	136	1940
L450E800S		1.4	35800	8	33	24	1760	.4	16	2	69100	171	1960
L450E850S		1.1	36000	12	31	18	1090	.8	11	5	49800	122	1640
L450E950S		1.4	15100	18	15	25	1070	.0	13	0	59800	100	1120
L450E1000S		1.0	54200	0	45	21	1120	1.1	11	9	46100	123	1390
L450E1050S		.9	43400	1	40	23	1720	1.6	31	33	68300	367	8260
L900E750S		1.1	45800	0	40	20	1210	1.0	13	8	63300	231	1660
L900E800S		1.3	56400	0	51	24	529	1.7	16	2	90300	225	1820
L900E850S		1.2	25200	15	24	23	1010	.3	13	0	65300	172	1210
L900E900S		.7	27900	13	25	17	800	.8	10	0	48100	170	1030
L900E950S		1.1	47000	10	44	24	2030	1.7	31	34	68500	456	8010
L300E 50S		.0	27200	32	24	15	2610	1.4	10	3	30500	342	1400

	ORT VALUES IN PPM)		MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
	L600W700N		115	3	63	11	512	17	17	33	7	0	73.6	12
	L600W750N		269	3	68	8	722	20	19	41	6	0	80.2	22
	L600W800N		867	3	64	8	833	27	16	39	5	2	95.9	96
	L600W850N		243	1	66	6	167	25	9	22	5	0	102.8	34
	L600W900N	40M	436	4	59	9	589	77	20	40	8	1	91.9	167
	L600W950N		344	3	57	9	564	88	21	42	8	3	95.8	173
	L600W1000N	40M	6320	3	62	12	1040	156	17	33	5	9	79.6	305
	L600W1050N		1930	4	59	8	969	33	25	40	10	5	108.9	89
	L600W1100N		114	2	66	8	293	17	11	19	5	4	93.8	32
	L600W1150N		887	3	68	9	669	51	20	37	8	5	98.1	128
	L600W1200N	40M	1490	3	62	8	1020	63	20	38	7	6	97.2	156
	L600W1250N		1300	4	62	9	1130	48	23	42	9	5	97.9	177
	L600W1300N	40M	1280	3	65	9	925	56	22	39	8	5	98.3	155
	L600W1350N	40M	201	2	61	7	589	36	11	20	6	4	71.2	31
?	L600W1400N		531	2	70	12	804	20	21	48	10	5	211.0	43
	L600E700N		430	4	51	11	1010	24	23	38	10	5	40.3	45
	L600E750N		284	2	75	4	598	7	16	44	5	5	145.3	12
	L600E800N		706	3	69	7	1330	12	22	58	7	5	119.8	16
	L600E850N		300	2	68	6	1150	8	20	61	3	5	87.0	0
	L600E900N		251	2	75	1	953	3	20	50	5	6	176.7	5
	L600E950N		441	2	87	16	757	21	21	51	8	5	109.9	43
	L600E1050N		361	2	96	10	640	18	20	62	7	8	120.4	32
?	L600E1100N		584	2	76	13	883	11	21	51	10	5	203.6	47
	L900E50N		525	2	63	5	1270	17	22	60	6	5	92.8	16
	L900E100N	N/S												
	L900E150N	N/S												
	L900E200N		580	2	64	7	938	19	23	47	6	7	101.2	19
	L900E250N		454	7	57	8	1150	25	29	46	14	6	92.7	35
	L900E300N		237	1	79	6	536	17	15	35	7	4	109.8	24
	L900E350N		233	3	58	7	961	40	26	55	8	5	103.3	44
	L900E400N		440	2	52	20	939	22	19	40	6	7	109.0	59
	L900E450N		349	3	58	15	740	25	17	42	7	4	127.4	58
	L900E500N		667	3	62	10	1500	53	22	47	7	5	109.5	83
	L900E550N		568	3	79	12	1820	9	20	52	6	2	105.6	43
	L900E600N		1320	4	80	11	1300	8	19	51	4	6	114.0	51
?	L900E650N		544	1	67	16	1120	14	22	47	11	4	203.2	55
	L450E50S		106	3	52	8	844	15	26	52	10	3	134.4	0
	L450E150S		247	5	70	15	1320	15	33	70	6	4	69.8	0
	L450E200S		61	1	61	5	372	5	10	26	6	4	153.7	9
	L450E250S		114	1	51	10	236	11	15	31	5	6	115.7	18
	L450E300S		141	1	66	8	348	10	16	36	9	3	162.6	18
	L450E350S		290	2	64	10	607	13	20	41	7	7	124.7	13
	L450E400S		81	2	46	9	244	14	18	31	9	6	131.6	6
	L450E450S		81	3	41	10	590	24	28	40	9	6	94.8	15
	L450E500S		99	3	46	10	866	23	28	43	11	6	105.5	10
	L450E600S		218	2	77	10	594	15	26	57	7	5	118.6	1
	L450E650S		296	2	72	12	719	12	20	43	5	6	118.4	5
	L450E700S		192	1	54	8	598	16	15	32	5	5	107.6	11
	L450E750S		133	2	53	6	796	11	24	51	6	6	127.6	0
	L450E800S		214	0	63	2	597	13	14	35	6	7	195.5	7
	L450E850S		90	1	59	7	520	12	16	35	6	7	112.1	5
	L450E950S		51	0	33	3	177	2	5	15	2	7	182.7	10
	L450E1000S		79	2	57	7	424	11	22	50	6	7	112.2	0
?	L450E1050S		571	1	62	17	754	17	21	45	11	6	204.4	57
	L900E750S		88	1	61	5	577	13	22	42	8	9	180.2	3
	L900E800S		59	2	46	1	988	17	28	44	16	7	174.2	0
	L900E850S		56	0	59	1	405	5	10	25	6	6	187.2	4
	L900E900S		68	1	49	6	405	8	13	26	6	3	146.7	8
?	L900E950S		600	2	77	20	833	17	24	51	11	8	214.4	61
	L300E 50S		5390	8	69	16	714	29	18	34	4	14	85.6	52

...PORT VALUES IN PPM)		BA	SE	AU-PPB
L600W700N		31	0	43
L600W750N		34	0	2
L600W800N		45	0	7
L600W850N		31	0	3
L600W900N	40M	38	0	12
L600W950N		38	0	2
L600W1000N	40M	100	0	38
L600W1050N		72	0	6
L600W1100N		58	0	4
L600W1150N		47	0	5
L600W1200N	40M	47	0	2
L600W1250N		41	0	7
L600W1300N	40M	45	0	1
L600W1350N	40M	38	0	4
L600W1400N		63	0	5
L600E700N		108	0	10
L600E750N		42	0	3
L600E800N		38	0	1
L600E850N		29	0	2
L600E900N		30	0	2
L600E950N		136	0	13
L600E1050N		107	0	1
L600E1100N		62	0	3
L900E50N		31	0	5
L900E100N	N/S			
L900E150N	N/S			
L900E200N		37	0	4
L900E250N		80	0	12
L900E300N		35	0	4
L900E350N		33	0	7
L900E400N		29	0	3
L900E450N		34	0	5
L900E500N		27	0	5
L900E550N		31	0	2
L900E600N		36	0	6
L900E650N		61	0	4
L450E50S		29	0	2
L450E150S		43	0	1
L450E200S		21	0	2
L450E250S		25	0	2
L450E300S		35	0	45
L450E350S		29	0	4
L450E400S		29	0	1
L450E450S		28	0	1
L450E500S		29	0	3
L450E600S		33	0	1
L450E650S		26	0	5
L450E700S		25	0	51
L450E750S		22	0	2
L450E800S		22	0	34
L450E850S		21	0	3
L450E950S		17	0	5
L450E1000S		19	0	3
L450E1050S		53	0	18
L900E750S		27	0	2
L900E800S		32	0	4
L900E850S		20	0	3
L900E900S		22	0	3
L900E950S		61	0	8
L300E 50S		149	0	2

COMPANY: FALCONBRIDGE LTD.

COMPANY: FALCONBRIDGE LTD. MIN-EN LABS ICP REPORT (ACT:GE03B) PAGE 1 OF 3

PROJECT No: 30301-608-100 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE No: 4-934/P3&4

ATTENTION: T. CHANDLER/K. HUDSON (604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM* DATE: SEPTEMBER 12, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L450E 1050N	.6	55300	0	44	9	1400	.9	13	2	78500	105	2960
L450E 1100N	.4	40100	0	31	8	1430	1.4	11	8	48500	271	3170
L450E 1150N	.2	28100	21	20	4	952	1.2	6	2	26400	188	1510
L450E 1200N	.6	35700	0	28	10	1410	.9	13	3	59800	169	3440
L450E 1250N	.9	78200	0	62	14	1320	1.5	20	10	88100	242	5900
L450E 1300N	.6	51900	0	42	11	1200	1.3	13	0	74400	194	2690
L450E 1350N	.7	40200	0	32	11	1550	.5	12	0	71200	174	1550
L450E 1400N	.8	47000	0	38	12	1420	.7	14	31	63600	294	3770
L450E 1450N	.6	37500	0	31	11	1110	.9	14	4	76800	277	2260
L600W 450S	.3	34900	25	28	5	597	1.4	11	29	33100	582	7870
L600W 500S	.5	51900	0	41	9	1350	1.4	21	35	45900	339	5070
L600W 550S	.9	46300	0	38	12	2230	1.4	18	41	60900	406	8380
L600W 600S	.6	32400	14	26	8	2200	1.0	13	13	44300	430	3840
L600W 300S	.4	24100	35	20	7	2550	1.9	15	36	37700	727	6320
L600W 350S	.6	57400	0	45	12	1500	1.5	18	94	58900	362	4430
L600W 400S	.6	39500	14	32	7	1500	1.3	16	55	52200	335	3870
L300E 0N	1.0	48800	0	40	10	1260	1.3	12	8	69000	300	2350
L300E 050N	.8	27600	19	23	9	2600	.8	13	10	51400	250	1960
L300E 100N	.8	25200	10	21	9	1370	.2	11	0	58500	216	2610
L300E 150N	.9	34700	8	29	10	864	.5	12	0	71400	208	1690
L300E 200N	.8	56000	0	45	11	1080	1.5	13	5	66600	172	2080
L300E 250N	.6	45700	15	38	9	1160	1.9	14	65	60700	608	4280
L300E 300N	1.1	62600	9	50	8	1230	2.9	31	33	57400	400	2660
L300E 350N	.7	40500	49	34	7	823	2.0	15	23	57500	438	3650
L300E 400N	.8	43700	0	34	9	1280	1.2	12	8	53200	245	3550
L300E 450N	.5	28300	11	23	8	1490	.5	10	5	47400	251	2620
L300E 500N	.9	38600	0	31	8	1120	.8	12	2	66700	211	2900
L300E 600N	1.2	45200	7	36	11	1190	1.6	17	70	58000	301	3880
L300E 650N	.6	32300	12	26	9	1960	1.1	12	21	40600	270	3700
L300E 700N	.7	35400	3	28	9	2120	1.1	13	22	43900	271	3950
L300E 750N	.9	36400	0	31	15	7030	.5	26	72	64400	658	9410
L300E 800N	.5	38500	8	34	11	2260	.5	12	17	57100	285	3120
L300E 850N	1.0	75500	0	60	14	4620	1.6	24	45	53600	800	6950
L300E 900N	.9	36000	0	30	14	4030	.5	17	38	57000	639	6190
L300E 950N	1.2	39100	0	33	15	2110	.1	16	5	76200	339	3520
L300E1000N	.9	46900	0	38	13	1300	.5	14	7	74100	207	2480
L300E1050N	.4	36000	11	30	9	2010	.6	15	8	45300	453	2980
L300E1100N	.5	35100	9	29	9	1240	.6	11	12	55600	335	3040
L300E1150N	.6	59600	0	46	10	1600	1.8	13	60	40900	409	4590
L300E1200N	.3	49600	7	40	5	814	1.2	10	12	44100	346	2540
L300E1250N	.5	37900	22	30	7	1500	1.2	13	14	41600	419	2760
L300E1300N	.2	54700	0	43	7	874	1.6	12	12	48500	758	3250
L300E1350N	.3	58000	0	47	7	538	1.5	12	10	67100	570	4440
L300E1400N	.2	38900	24	31	4	673	1.3	8	9	33100	859	3970
L300E1450N	.3	47500	12	62	5	719	1.9	10	6	44500	547	2330
L300E1500N	.6	39500	30	34	7	1310	1.2	13	8	39100	616	2620
L300E1550N	.9	44400	4	38	10	1160	1.4	13	8	72100	473	3240
L300E1650N	1.8	32200	0	29	22	1640	.0	20	1	108000	245	2010
L300E1700N	1.8	29900	0	27	22	1590	.0	19	0	105000	230	1890
L300E1750N 40M	.1	1600	74	3	1	3490	.1	1	9	2130	358	1120
L300E1800N	.6	65100	0	51	10	1100	1.4	10	37	56600	294	2300
L300E1850N	1.2	68200	0	55	18	1690	1.2	18	7	98300	284	3860
L300E1900N	1.0	51000	0	43	13	1780	1.9	28	31	79500	426	9260
L750W 0N	.6	31400	46	25	5	758	1.5	7	6	28400	539	1750
L750W 050N	1.3	56000	35	45	8	1100	1.8	15	8	57600	874	3020
L750W 100N	1.1	42900	92	34	4	312	1.6	10	9	32100	739	1760
L750W 150N	1.4	67600	2	56	8	1090	2.5	12	12	46800	577	2200
L750W 200N	1.4	59300	14	49	9	2210	2.6	15	14	59700	719	5520
L750W 250N	.4	15700	63	15	5	793	.2	8	3	31900	400	795
L750W 300N	.2	31300	59	26	4	1020	1.7	8	3	45300	731	1570

/ORT VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
L450E 1050N	106	0	60	0	582	0	6	44	2	0	153.0	0
L450E 1100N	185	1	60	6	414	9	8	39	2	0	97.7	15
L450E 1150N	93	1	51	9	237	10	7	29	2	0	58.6	13
L450E 1200N	208	0	78	3	545	0	3	38	0	0	129.4	4
L450E 1250N	292	2	54	3	638	0	14	70	2	2	171.5	13
L450E 1300N	144	0	61	0	529	5	7	50	3	1	128.7	10
L450E 1350N	107	1	81	0	467	0	1	42	0	0	74.3	2
L450E 1400N	200	2	78	1	356	1	6	49	0	2	118.1	7
L450E 1450N	148	1	70	0	385	4	5	38	3	1	120.7	2
L600W 450S	535	3	78	22	579	32	13	37	3	1	89.4	35
L600W 500S	825	6	63	14	767	18	14	51	1	4	84.0	68
L600W 550S	969	1	70	11	500	26	9	57	1	4	103.6	94
L600W 600S	1250	2	72	9	545	20	8	37	1	4	80.3	54
L600W 300S	2160	2	62	14	855	63	7	32	2	4	61.6	211
L600W 350S	1240	2	48	8	1130	15	14	56	2	3	94.9	40
L600W 400S	737	3	52	9	961	30	14	41	4	5	85.6	52
L300E 0N	214	1	58	0	750	21	11	43	3	3	114.6	65
L300E 050N	894	2	66	8	685	26	5	35	2	3	97.0	98
L300E 100N	121	0	90	3	371	4	3	30	1	2	152.1	19
L300E 150N	107	2	51	1	497	14	5	32	2	2	169.0	25
L300E 200N	211	2	73	1	526	9	11	49	3	2	168.7	25
L300E 250N	621	4	51	8	665	37	15	43	6	3	95.8	164
L300E 300N	1050	6	52	9	637	97	20	59	7	5	90.9	288
L300E 350N	310	4	46	9	478	45	16	41	7	5	132.8	223
L300E 400N	168	2	61	7	601	8	9	44	2	3	116.2	14
L300E 450N	239	0	63	6	553	6	5	31	1	2	114.5	13
L300E 500N	124	1	58	2	384	7	8	40	3	2	156.3	9
L300E 600N	375	4	56	5	659	24	10	43	3	2	110.9	96
L300E 650N	715	1	71	10	963	13	6	35	0	1	87.4	22
L300E 700N	758	1	71	8	1040	12	7	38	0	2	95.3	21
L300E 750N	901	0	144	8	1350	16	1	61	0	3	162.5	38
L300E 800N	549	0	85	6	1260	17	5	40	1	0	117.6	18
L300E 850N	870	3	109	10	2960	14	15	80	0	4	108.1	8
L300E 900N	469	0	107	8	742	16	3	55	0	5	115.9	50
L300E 950N	189	0	81	0	700	3	1	46	0	2	180.4	8
L300E1000N	124	0	80	0	493	7	6	44	1	1	170.0	6
L300E1050N	332	2	75	9	379	23	6	44	1	2	87.5	53
L300E1100N	148	0	68	6	510	15	5	40	2	0	86.0	17
L300E1150N	419	3	61	13	1100	25	14	59	2	4	48.2	84
L300E1200N	166	3	57	10	576	21	13	47	3	1	75.9	38
L300E1250N	224	3	90	11	541	23	8	41	2	2	85.6	42
L300E1300N	315	2	72	11	453	21	12	50	4	0	88.6	32
L300E1350N	171	2	74	5	681	20	17	53	5	3	106.5	16
L300E1400N	184	2	66	13	385	27	12	39	3	1	54.3	21
L300E1450N	389	3	86	10	977	23	13	43	5	1	70.7	13
L300E1500N	270	3	76	14	476	26	11	38	3	3	111.9	9
L300E1550N	136	1	83	5	549	18	9	45	4	4	143.1	7
L300E1650N	72	0	79	0	270	0	0	28	0	3	284.4	6
L300E1700N	67	0	76	0	259	0	0	26	0	4	279.8	7
L300E1750N 40M	11	1	137	16	563	18	0	29	0	0	4.2	35
L300E1800N	75	3	49	5	315	14	15	60	4	2	91.5	0
L300E1850N	227	1	61	0	1280	7	10	69	1	3	148.3	0
L300E1900N	537	1	78	10	1380	19	11	52	2	4	195.2	48
L750W 0N	662	2	53	13	338	100	11	32	4	4	60.9	197
L750W 050N	862	3	55	8	1090	251	18	54	6	3	90.7	201
L750W 100N	916	3	47	12	758	221	15	36	4	3	45.6	229
L750W 150N	1040	3	58	10	2330	140	19	55	4	2	65.5	151
L750W 200N	684	4	66	9	1190	166	18	61	3	5	65.7	366
L750W 250N	60	1	50	11	258	33	6	18	2	5	85.1	30
L750W 300N	281	7	45	9	330	127	12	30	5	3	66.5	135

/ORT VALUES IN PPM)	BA	SE	AU-PPB
L450E 1050N	29	0	4
L450E 1100N	32	0	2
L450E 1150N	27	0	1
L450E 1200N	27	0	3
L450E 1250N	39	0	2
L450E 1300N	32	0	1
L450E 1350N	29	0	1
L450E 1400N	39	0	1
L450E 1450N	41	0	1
L600W 450S	54	0	1
L600W 500S	69	0	3
L600W 550S	70	0	2
L600W 600S	78	0	15
L600W 300S	70	0	20
L600W 350S	45	0	31
L600W 400S	42	0	2
L300E 0N	28	0	18
L300E 050N	64	0	3
L300E 100N	39	0	1
L300E 150N	31	0	4
L300E 200N	33	0	1
L300E 250N	57	0	23
L300E 300N	54	0	10
L300E 350N	54	0	6
L300E 400N	32	0	16
L300E 450N	29	0	22
L300E 500N	30	0	2
L300E 600N	36	0	31
L300E 650N	34	0	2
L300E 700N	35	0	1
L300E 750N	47	0	7
L300E 800N	29	0	5
L300E 850N	42	0	10
L300E 900N	59	0	27
L300E 950N	24	0	4
L300E1000N	29	0	3
L300E1050N	90	0	5
L300E1100N	38	0	15
L300E1150N	47	0	2
L300E1200N	46	0	4
L300E1250N	62	0	5
L300E1300N	73	0	4
L300E1350N	61	0	5
L300E1400N	55	0	14
L300E1450N	40	0	5
L300E1500N	63	0	5
L300E1550N	45	0	8
L300E1650N	29	0	10
L300E1700N	28	0	10
L300E1750N 40M	52	0	8
L300E1800N	31	0	8
L300E1850N	29	0	7
L300E1900N	62	0	33
L750W 0N	45	0	8
L750W 050N	44	0	22
L750W 100N	39	0	8
L750W 150N	38	0	12
L750N 200N	48	0	27
L750W 250N	48	0	5
L750W 300N	47	0	9

(REPORT VALUES IN PPM)

	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L750W 350N	.0	25900	46	22	6	8060	4.1	11	16	26800	1080	3420
L750W 400N	.0	24600	55	20	6	3590	2.0	12	1	31600	735	1610
L750W 450N	.0	45900	24	38	12	2430	4.3	20	2	52500	618	2620
L750W 500N	1.2	47400	6	39	6	523	2.0	11	0	59100	599	2460
L750W 550N 40M	.7	41100	34	34	7	1160	2.2	14	3	47700	638	2070
L750W 600N	1.8	46400	15	38	7	1230	2.1	13	45	51700	682	3130
L750W 650N	5.9	40700	51	35	9	298	3.6	16	31	54300	1170	1260
L750W 700N	2.2	36300	38	30	7	434	2.2	9	18	54000	947	1470
L750W 750N	1.4	68300	0	54	8	902	2.9	15	29	51500	656	3030
L750N 800N	.6	48600	0	40	10	2800	1.9	19	15	59900	616	5780
L750W 850N	1.9	54600	0	47	21	2420	1.0	24	21	98600	339	5450
L750W 900N	4.1	59600	22	49	7	1520	3.8	17	25	44100	1080	2440
L750N 950N 40M	.3	36200	38	29	6	1100	1.4	13	9	39700	849	3720
L750W1000N	.3	31000	64	25	4	425	1.6	7	1	33500	593	1490
L750W1050N	.3	39200	8	31	5	1350	.9	11	1	41100	459	3130
L750W1100N 40M	.1	48200	30	38	5	1600	2.3	13	6	40800	697	2050
L750W1150N	1.4	77700	0	61	10	1980	2.4	14	6	55500	419	4570
L750W1200N	1.0	66800	0	51	4	940	2.2	9	6	44300	395	1610
L750W1250N	1.0	47500	0	40	13	2170	1.0	31	33	80100	603	10300
L600E 050S	.7	30200	9	26	12	8290	1.5	22	54	52400	849	7930
L600W 100S	.7	37500	5	31	12	9720	1.3	19	37	49200	850	7840
L600E 350S	1.1	72200	0	56	13	1340	1.8	14	16	66700	161	2220
L600E 400S	1.0	40300	83	32	36	15400	2.0	60	83	40000	551	6750
L600E 450S	.8	44300	0	35	12	3500	1.0	15	27	45500	403	5280
L600E 500S	1.0	27500	13	24	14	8190	.5	21	56	55400	705	8350
L600E 650S	.9	13800	26	12	10	2920	.0	9	1	38800	339	1300
L600E 700S	1.1	45300	0	36	13	1760	.9	12	5	65500	402	1860
L600E 750S	.8	31600	1	26	11	1510	.3	11	0	56900	180	1890
L600E 800S	.6	32300	1	25	10	1840	.8	12	2	50500	304	3380
L600E 850S 40M	.0	42000	14	35	7	8770	2.3	18	15	20300	468	1560
L600E900S	.6	13500	10	12	14	1070	.0	9	0	41600	122	851
L600E1050S	.7	45500	0	42	19	1910	.8	30	33	70900	436	9390
L750E700S	.4	31500	0	27	13	820	.7	9	1	52200	151	1340
L750E750S	.7	46100	0	41	16	1300	1.1	14	0	74000	206	2050
L750E800S	.7	78700	0	65	13	642	1.8	10	18	43400	159	1620
L750E850S	.7	20200	7	18	14	1340	.0	10	0	43600	275	1440
L750E950S	.9	47900	0	44	16	1970	1.2	26	27	70900	527	7900
L600E100N	.4	48100	0	41	13	2270	1.3	11	26	42000	301	3090
L600E150N	.7	90300	0	74	15	815	2.6	9	23	34800	193	1900
L600E200N	1.0	104000	0	87	18	933	2.4	15	30	68100	381	3280
L600E250N	.9	46200	0	39	16	1200	1.3	11	9	53700	173	1710
L600E300N	1.1	49000	0	42	13	1700	1.6	15	38	49200	329	4840
L600E350N	1.3	48200	0	41	9	743	2.0	18	72	42300	586	5020
L600E400N	.4	43300	0	38	12	823	1.1	12	3	60100	187	2620
L600E450N	.5	38900	0	33	12	808	.9	10	4	51900	191	2100
L600E500N	.4	40200	0	34	12	1460	1.4	11	21	41000	301	3240
L600E550N	.5	43900	0	37	11	1340	1.4	12	13	41800	264	2200
L600E600N	.5	44500	0	37	11	1320	1.4	13	12	43800	261	2130
L600E650N	.5	39200	0	33	13	1430	1.0	12	2	51200	231	2320
L600W050N	.8	54000	0	48	16	3360	4.6	23	62	57200	587	3030
L600W100N 40M	.0	38900	63	37	16	1620	7.9	22	35	56900	1080	2360
L600W200N	.5	25900	36	22	7	701	1.4	7	2	29700	362	1070
L600W300N	10.5	19500	167	22	18	782	8.6	22	83	66500	915	2710
L600W350N	34.9	48900	58	43	18	496	3.2	20	205	50600	678	1930
L600W400N	2.0	34900	42	30	11	228	1.7	13	46	38000	562	1070
L600W450N	1.7	45600	0	39	11	1160	1.6	11	10	44800	342	1880
L600W500N	.8	61600	0	52	11	1400	2.0	10	8	40400	347	1600
L600W550N 40M	.4	31600	6	27	9	1100	1.4	11	0	43000	444	2130
L600W600N 40M	.5	30500	23	27	10	1110	.7	12	0	43000	410	2280
L600W650N	.4	24700	70	21	7	530	1.0	7	2	26700	493	1030

PORT VALUES IN PPM)	MN	MO	NA	NI	P	PB ✓	SB	SR	TH	U	V	ZN ✓
L750W 350N	5130	6	105	15	1180	80	10	50	1	9	33.6	167
L750W 400N	3260	4	66	11	449	85	9	34	3	4	59.2	95
L750W 450N	8800	10	75	11	1000	145	17	50	3	11	79.6	329
L750W 500N	521	3	59	5	477	45	17	42	7	3	61.1	58
L750W 550N 40M	1900	3	59	9	657	119	14	41	5	2	76.6	223
L750W 600N	803	4	57	8	594	70	14	48	5	3	91.5	243
L750W 650N	5290	10	46	7	1100	79	17	35	6	8	40.7	512
L750W 700N	1350	5	31	7	748	60	15	31	6	2	52.4	287
L750W 750N	2040	5	51	10	1180	52	22	59	4	5	73.0	451
L750W 800N	1490	2	79	9	685	32	12	51	2	4	140.7	177
L750W 850N	592	0	91	0	804	0	1	50	0	2	240.4	47
L750W 900N	1890	7	55	14	869	118	22	56	6	8	68.1	882
L750W 950N 40M	926	3	74	10	378	33	13	37	4	4	73.6	92
L750W1000N	143	1	41	9	188	27	11	28	4	1	57.6	24
L750W1050N	500	2	76	8	302	32	10	43	2	1	95.0	98
L750W1100N 40M	1910	5	59	12	939	54	16	42	4	4	49.4	202
L750W1150N	315	3	64	7	954	53	20	70	3	4	81.8	80
L750W1200N	124	4	50	9	490	110	21	59	5	3	88.3	173
? L750W1250N	576	0	83	8	676	12	7	53	2	2	194.7	51
L600E 050S	1680	1	172	10	729	26	6	58	1	5	90.5	106
L600W 100S	1050	2	204	9	977	27	9	70	1	6	87.9	65
L600E 350S	146	4	74	3	483	12	16	70	2	5	99.2	0
L600E 400S	1240	2	187	13	878	41	10	92	0	10	67.7	46
L600E 450S	459	1	110	10	590	26	8	59	0	4	87.8	26
L600E 500S	562	0	263	8	321	16	0	60	0	4	116.3	58
L600E 650S	88	0	132	5	300	6	0	38	0	3	144.9	16
L600E 700S	204	1	95	0	416	7	7	46	1	4	132.8	1
L600E 750S	112	0	89	2	280	4	3	36	1	2	132.5	4
L600E 800S	251	0	84	5	355	10	4	37	0	1	125.8	12
L600E 850S 40M	5540	6	105	16	1560	27	11	50	0	7	43.4	46
L600E900S	88	0	53	3	114	3	0	14	1	0	146.6	10
L600E1050S	582	0	72	11	828	15	14	47	5	1	184.0	51
L750E700S	69	0	49	2	446	11	9	29	5	0	137.0	4
L750E750S	109	1	52	0	697	9	14	46	5	2	162.6	6
L750E800S	92	4	47	3	1350	9	27	59	4	0	96.6	4
L750E850S	143	0	67	3	445	10	4	23	1	2	116.9	9
? L750E950S	512	0	73	6	1310	13	17	50	5	4	189.0	42
L600E100N	460	2	70	7	681	14	17	47	5	1	97.3	20
L600E150N	167	5	46	7	1520	13	34	68	6	1	68.5	10
L600E200N	162	4	82	0	951	15	34	82	11	1	113.2	8
L600E250N	96	1	58	1	418	10	16	45	4	0	123.5	3
L600E300N	295	2	60	6	761	33	15	52	4	1	94.7	46
L600E350N	528	4	49	10	673	32	21	43	10	0	62.2	71
L600E400N	141	1	60	2	551	11	14	39	6	0	128.6	1
L600E450N	116	1	58	2	514	6	13	36	4	0	119.1	1
L600E500N	231	2	57	11	525	22	16	41	6	1	88.8	37
L600E550N	372	3	59	7	742	26	17	42	5	1	91.4	60
L600E600N	300	3	54	6	671	22	16	43	6	0	101.4	59
L600E650N	239	2	67	4	689	18	15	39	5	2	127.5	21
L600W050N	6970	4	70	13	1790	204	25	49	6	8	102.1	812
L600W100N 40M	10200	6	46	10	1630	533	22	33	7	10	57.5	2530
L600W200N	159	2	41	8	350	37	12	24	6	0	55.7	67
L600W300N	9050	12	48	6	1040	2180	23	21	11	11	30.0	1810
L600W350N	6090	8	63	10	935	1120	47	41	9	7	55.0	791
L600W400N	2430	4	38	9	461	72	19	29	8	2	54.3	222
L600W450N	491	2	61	6	814	49	18	42	6	1	99.2	92
L600W500N	363	3	58	7	1110	47	25	54	7	1	73.5	82
L600W550N 40M	693	1	72	6	452	28	14	31	6	0	113.5	41
L600W600N 40M	787	2	65	9	491	27	14	31	8	0	115.9	44
L600W650N	529	2	53	8	454	28	13	22	4	3	64.3	67

(PORT VALUES IN PPM)	BA	SE	AU-PPB
L750W 350N	292	0	5
L750W 400N	182	0	3
L750W 450N	144	0	5
L750W 500N	55	0	2
L750W 550N 40M	65	0	20
L750W 600N	54	0	7
L750W 650N	175	0	34
L750W 700N	59	0	3
L750W 750N	79	0	4
L750W 800N	96	0	2
L750W 850N	57	0	2
L750W 900N	138	0	13
L750W 950N 40M	127	0	3
L750W1000N	49	0	10
L750W1050N	82	0	2
L750W1100N 40M	114	0	4
L750W1150N	34	0	5
L750W1200N	37	0	5
L750W1250N	56	0	2
L600E 050S	105	0	4
L600W 100S	106	0	2
L600E 350S	31	0	2
L600E 400S	52	0	2
L600E 450S	36	0	1
L600E 500S	52	0	4
L600E 650S	29	0	2
L600E 700S	42	0	2
L600E 750S	24	0	1
L600E 800S	30	0	1
L600E 850S 40M	53	0	1
L600E900S	21	0	9
L600E1050S	55	0	1
L750E700S	22	0	9
L750E750S	31	0	2
L750E800S	19	0	2
L750E850S	22	0	1
L750E950S	61	0	4
L600E100N	30	0	3
L600E150N	20	0	6
L600E200N	41	0	3
L600E250N	25	0	2
L600E300N	31	0	7
L600E350N	54	0	12
L600E400N	31	0	1
L600E450N	30	0	4
L600E500N	39	0	3
L600E550N	37	0	1
L600E600N	38	0	2
L600E650N	34	0	1
L600W050N	83	0	4
L600N100N 40M	88	0	11
L600W200N	44	0	5
L600W300N	137	0	148
L600W350N	76	0	105
L600N400N	62	0	59
L600W450N	32	0	2
L600W500N	43	0	1
L600W550N 40M	40	0	1
L600W600N 40M	40	0	1
L600N650N	32	0	3

COMPANY: FALCONBRIDGE LTD. | MIN-EN LABS ICP REPORT | (ACT:GE038) PAGE 1 OF 3

PROJECT No: 30301-608-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-934/P1&2

ATTENTION: T. CHANDLER/K. HUDSON | (604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM* | DATE: SEPTEMBER 12, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L750E 050N	.5	33000	0	26	8	2380	.8	16	36	43500	243	3540
L750E 100N	.7	29800	0	24	8	1820	.8	14	10	48700	295	3520
L750E 150N	.8	39500	0	31	8	1120	.8	11	15	49400	188	3040
L750E 200N	.5	32900	1	27	9	992	1.4	14	25	51600	404	4640
L750E 250N	.6	43200	0	37	12	915	1.0	17	0	101000	335	3160
L750E 300N	.6	31500	0	25	7	1590	1.0	12	5	54700	264	3020
L750E 350N	.8	33300	0	27	7	669	.9	11	1	64200	317	1730
L750E 400N	.9	57200	0	45	10	1070	1.6	17	22	59400	456	5020
L750E 450N	.9	54000	0	42	5	513	1.5	9	9	42900	185	1570
L750E 500N	1.2	47300	20	39	7	1060	2.3	16	29	51400	576	4150
L750E 550N	.9	41700	0	34	9	1490	1.0	13	18	55600	327	3610
L750E 600N	1.0	48500	0	39	9	1530	1.2	13	16	49900	334	4530
L750E 650N	.5	24900	6	20	5	728	.7	9	3	45800	303	1900
L750E 700N	.5	29600	9	24	6	1580	1.1	12	17	40400	500	3580
L750E 750N	.5	20900	21	16	4	646	.6	8	4	29700	350	1810
L750E 800N	.3	21200	22	17	3	1400	.7	7	3	27500	418	1730
L750E 850N	.5	46200	0	36	7	1110	1.3	13	23	36700	576	3690
L750E 900N	.7	36500	0	29	9	5530	1.0	15	29	46200	910	5580
L750E 950N	1.1	45200	0	40	16	2280	1.0	32	33	84200	546	10400
L1050E050N	.5	39400	0	32	9	2760	1.0	12	14	50300	350	2570
L1050E100N	.7	36100	0	29	9	1530	.7	17	20	55100	261	3710
L1050E150N	.9	39600	0	32	11	2280	1.0	22	15	57800	415	5090
L1050E200N	1.2	22600	0	21	12	991	.6	14	1	79400	255	2270
L1050E250N	1.2	30600	0	27	10	1420	.7	12	14	68400	364	4750
L1050E300N	1.2	41800	0	35	12	2000	1.0	15	10	66700	293	4080
L1050E350N	N/S											
L1050E050S	.8	42300	0	34	10	1270	.8	12	13	59300	225	3810
L1050E100S	.8	48700	0	38	6	687	.8	8	19	39700	165	1100
L1050E150S	.6	18400	17	15	6	1290	.5	9	2	42700	207	1850
L1050E200S	.7	23900	16	19	6	2110	.5	7	13	32100	208	1370
L1050E250S	1.0	58100	0	46	11	3150	1.4	15	37	44100	302	2760
L1050E300S	.8	20100	40	18	9	2470	.2	10	8	47200	280	2120
L1050E350S	.5	16200	50	14	7	1450	.3	8	5	30800	207	1180
L1050E400S	1.2	49500	2	42	15	2630	1.0	15	22	63100	299	3340
L1050E450S	1.3	24200	25	22	15	8500	.6	19	47	52000	530	7370
L1050E500S	1.1	21100	30	18	13	8300	.3	19	39	46600	502	6920
L1050E550S	.8	12400	55	10	8	2050	.0	7	0	35400	166	989
L1050E650S	.8	40000	42	31	12	2210	1.3	18	55	42200	297	4120
L1050E700S	.7	57400	0	45	10	1360	1.6	12	25	55000	239	3190
L1050E750S	1.2	48900	0	42	14	2050	1.0	30	28	95900	483	10600
L450E 0	.8	46700	0	39	11	1280	.9	14	5	78100	238	2500
L450E 050N	1.6	51200	0	43	13	1460	1.4	18	13	82400	381	3400
L450E 150N	1.3	29900	6	27	13	2640	.4	16	2	82900	295	3720
L450E 200N	.8	30000	35	25	8	958	.4	8	0	46000	280	1800
L450E 250N	.7	40900	15	35	9	1610	.9	12	2	62000	310	2950
L450E 300N	.9	54100	0	44	9	1450	1.2	13	9	63200	255	3500
L450E 350N	1.6	38000	50	32	10	1590	1.9	12	25	60900	335	2470
L450E 400N	1.0	35100	26	33	11	3170	.9	15	6	76200	507	2720
L450E 450N	1.4	53100	0	43	12	1340	1.2	13	14	68900	343	2760
L450E 500N	.8	33400	25	27	9	1400	.9	10	7	47500	273	2130
L450E 550N	.6	41700	21	34	9	1650	1.5	17	10	49700	415	3200
L450E 600N	1.0	63700	0	50	10	1740	1.8	16	28	56700	303	4200
L450E 650N	.9	44400	15	37	10	2120	1.2	19	10	59900	552	3320
L450E 700N	.5	27300	40	22	6	2220	.3	11	3	40800	322	2290
L450E 750N	.5	55300	0	46	8	1550	2.0	31	8	89900	1000	2960
L450E 800N	.5	24700	38	20	7	1420	.6	8	0	36900	386	1470
L450E 850N	.9	48200	9	39	7	999	1.2	12	7	52400	381	
L450E 900N	.3	53900	12	49	9	1760	1.9	18	9	49300	824	
L450E 950N	.4	46900	19	37	5	922	1.2	11	6	44100	590	
L450E1000N	.8	59900	0	49	11	1810	1.2	15	44	55300	317	

PORT VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
L750E 050N	619	4	65	6	723	15	6	35	1	1	84.7	20
L750E 100N	294	1	72	4	464	6	6	34	1	3	121.7	12
L750E 150N	172	2	74	4	424	8	11	40	2	5	119.7	4
L750E 200N	402	3	50	5	691	13	10	34	4	4	68.8	24
L750E 250N	166	1	57	0	462	10	9	42	6	3	194.0	14
L750E 300N	280	1	65	2	347	17	8	36	3	3	119.3	20
L750E 350N	94	1	43	0	588	8	7	31	4	2	126.6	10
L750E 400N	376	3	62	4	1080	12	18	56	5	4	140.7	32
L750E 450N	231	3	56	3	1010	12	14	46	2	2	65.1	3
L750E 500N	726	2	60	4	1930	59	15	46	3	4	71.7	96
L750E 550N	286	1	89	3	675	8	10	45	3	4	116.8	10
L750E 600N	275	2	66	4	624	9	12	54	1	4	76.5	30
L750E 650N	95	1	68	3	486	10	7	26	2	3	92.9	10
L750E 700N	412	2	61	6	558	18	11	34	3	5	66.0	34
L750E 750N	125	3	42	7	383	11	8	23	2	3	40.8	11
L750E 800N	105	2	57	7	353	13	7	22	3	4	45.1	10
L750E 850N	191	4	59	9	812	17	16	45	4	4	58.7	21
L750E 900N	1250	2	112	7	1240	18	11	61	2	8	83.5	20
? L750E 950N	594	0	82	6	634	10	8	53	2	6	208.3	47
L1050E050N	489	1	78	2	795	16	9	46	2	3	92.0	18
L1050E100N	475	2	86	4	579	8	8	40	1	2	112.8	26
L1050E150N	1170	6	86	5	611	10	9	51	1	8	100.4	69
L1050E200N	106	0	89	0	398	3	0	29	1	3	172.0	17
L1050E250N	249	1	104	0	782	13	7	43	3	5	100.2	30
L1050E300N	255	1	80	0	595	17	10	52	2	7	130.9	70
? L1050E350N	N/S											
L1050E050S	301	1	65	0	1190	15	11	43	3	4	114.6	13
L1050E100S	123	3	68	3	897	12	14	44	1	4	66.0	0
L1050E150S	112	0	98	4	532	14	4	26	1	4	85.2	12
L1050E200S	98	2	88	6	667	11	7	32	1	4	56.4	13
L1050E250S	452	5	78	9	1170	16	12	61	0	3	88.1	28
L1050E300S	159	1	87	4	600	13	1	33	0	0	95.0	19
L1050E350S	188	1	88	8	333	16	2	21	0	2	83.6	16
L1050E400S	358	2	94	3	758	12	8	59	0	4	120.1	24
L1050E450S	487	0	153	6	789	6	1	61	0	7	97.4	54
L1050E500S	536	0	139	7	784	16	0	58	0	7	88.2	59
L1050E550S	65	0	116	5	228	9	0	22	0	2	91.3	9
L1050E650S	358	2	74	10	422	15	6	49	1	3	69.1	78
L1050E700S	170	5	68	7	724	14	11	52	2	2	96.1	15
? L1050E750S	549	0	75	8	714	14	10	55	1	5	210.2	48
L450E 0	167	0	69	0	648	6	8	43	3	2	175.8	2
L450E 050N	454	1	65	0	733	8	9	50	3	4	152.3	83
L450E 150N	227	0	104	0	600	1	1	37	1	3	169.1	22
L450E 200N	119	1	39	6	363	22	9	30	3	4	125.3	18
L450E 250N	340	1	93	5	602	16	9	45	3	4	112.4	26
L450E 300N	392	2	79	4	853	13	14	50	4	3	112.4	1
L450E 350N	235	3	55	4	509	66	12	42	6	5	120.5	50
L450E 400N	308	1	89	0	447	15	7	44	3	5	175.6	18
L450E 450N	166	2	92	1	468	80	12	51	2	4	130.6	14
L450E 500N	176	1	89	5	383	13	7	38	3	3	110.1	11
L450E 550N	1340	4	73	7	732	58	10	46	2	5	96.7	100
L450E 600N	371	4	61	5	672	68	18	65	3	5	93.0	110
L450E 650N	866	3	76	6	791	24	9	49	1	4	107.3	101
L450E 700N	660	3	85	7	649	14	5	32	1	4	85.6	32
L450E 750N	1750	4	70	0	3070	23	17	51	6	7	89.1	103
L450E 800N	108	0	86	7	296	9	3	30	1	2	115.2	4
L450E 850N	544	2	70	3	1350	12	11	44	2	3	88.0	18
L450E 900N	3370	4	82	11	1550	20	16	51	3	6	97.6	90
L450E 950N	327	3	72	9	599	17	15	47	4	4	74.1	31
L450E1000N	378	3	74	5	876	9	12	60	0	5	111.7	7

PORT VALUES IN PPM)		BA	SE	AU-PPB
L750E 050N		32	0	4
L750E 100N		30	0	7
L750E 150N		26	0	5
L750E 200N		68	0	18
L750E 250N		37	0	11
L750E 300N		37	0	2
L750E 350N		28	0	19
L750E 400N		44	0	23
L750E 450N		25	0	6
L750E 500N		47	0	30
L750E 550N		41	0	4
L750E 600N		40	0	8
L750E 650N		33	0	5
L750E 700N		63	0	13
L750E 750N		59	0	15
L750E 800N		51	0	3
L750E 850N		66	0	4
L750E 900N		87	0	12
L750E 950N		58	0	7
L1050E050N		33	0	11
L1050E100N		35	0	17
L1050E150N		60	0	5
L1050E200N		31	0	18
L1050E250N		53	0	33
L1050E300N		37	0	9
L1050E350N	N/S			
L1050E050S		26	0	14
L1050E100S		19	0	13
L1050E150S		20	0	8
L1050E200S		28	0	9
L1050E250S		34	0	4
L1050E300S		30	0	5
L1050E350S		22	0	2
L1050E400S		32	0	4
L1050E450S		51	0	2
L1050E500S		55	0	29
L1050E550S		24	0	2
L1050E650S		32	0	3
L1050E700S		28	0	7
L1050E750S		63	0	27
L450E 0		36	0	1
L450E 050N		53	0	2
L450E 150N		53	0	1
L450E 200N		29	0	1
L450E 250N		38	0	1
L450E 300N		38	0	1
L450E 350N		41	0	8
L450E 400N		61	0	2
L450E 450N		28	0	2
L450E 500N		33	0	1
L450E 550N		49	0	2
L450E 600N		35	0	8
L450E 650N		56	0	1
L450E 700N		46	0	2
L450E 750N		133	0	2
L450E 800N		38	0	1
L450E 850N		31	0	1
L450E 900N		109	0	1
L450E 950N		64	0	2
L450E1000N		39	0	2

COMPANY: FALCONBRIDGE LTD.
PROJECT No: 30301-608-100
ATTENTION: K. HUDSON

NIN-EN LABS ICP REPORT
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:GE03B) PAGE 1 OF 3
FILE No: 4-11695/P1+2
TYPE SOIL GEOCHEM DATE: OCTOBER 19, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
9+75WBL	.2	23900	5	0	6	834	.0	5	2	25800	493	1230
9+75W0+25N	.0	31400	18	2	4	1390	.2	7	5	30700	991	2150
9+75W 0+50N	.2	41900	6	9	2	406	.8	4	11	19800	855	1030
9+75W 0+75N	.0	16700	24	0	2	896	.0	3	5	20000	1230	926
9+75W 1+00N 40M	.7	44200	0	11	7	1790	.8	9	12	40000	1000	1950
9+75W 1+25N	.2	60700	19	21	6	322	1.2	10	10	38900	1370	3040
9+75W 1+50N	.4	33700	21	4	4	689	.0	5	4	21000	1350	1320
9+75W 1+75N	.1	35400	14	5	4	490	.2	4	2	23200	1210	1260
9+75W 2+00N	.0	42200	6	7	3	303	.7	4	3	20700	856	1160
9+75W 2+25N	.0	21100	27	0	0	352	.1	2	4	8000	1400	653
9+75W 2+50N	.0	21000	145	0	5	450	.0	8	9	16200	2110	769
9+75W 2+75N	.3	50700	77	14	3	535	1.7	6	2	33200	1080	1040
9+75W 3+00N	.1	38600	12	6	3	256	.2	4	2	21800	707	924
9+75W 3+25N	.7	54200	34	16	7	269	1.9	7	4	38900	1060	1400
9+75W 3+75N	1.0	44000	12	12	12	1300	1.2	23	8	43000	1230	2630
9+75W 4+00E	.7	61200	0	22	10	1540	2.0	8	6	45000	489	1370
9+75W 4+25N	1.0	44400	7	11	9	9580	1.5	12	20	30500	1920	3400
9+75W 4+50N	.5	48200	21	13	9	1110	1.1	9	6	40300	608	1660
9+75W 4+75N	1.1	61300	0	22	13	3080	.8	16	17	44600	829	4370
9+75W 5+25N	.8	62600	47	24	11	576	2.1	11	5	51800	1150	2300
9+75W 5+50N	.6	28200	33	0	3	253	.0	4	6	12500	748	700
9+75W 5+75N	.7	54500	17	16	4	576	.9	7	12	26200	640	1080
9+75W 6+00N	.5	59700	2	20	10	687	1.4	11	8	37600	772	1450
9+75W 6+25N	1.1	93800	0	42	12	545	2.9	13	10	45900	1160	1830
9+75W 6+50N	1.0	84800	0	36	11	379	2.7	10	12	39400	1020	2190
9+75W 6+75N 40M	.5	37700	39	7	9	1270	.9	10	10	33600	1340	1940
9+75W 7+00N	.5	60900	7	23	12	2050	2.4	13	14	37100	1660	3040
9+75W 7+25N	.7	59700	0	21	7	1190	1.9	14	9	33100	1070	2190
9+75W 7+50N	.3	41700	6	37	8	1440	1.1	7	3	31400	520	1410
9+75W 8+00N	.2	20800	38	0	3	381	.1	4	2	20200	519	732
9+75W 8+50N	.1	20800	20	12	2	476	.0	3	1	16700	387	931
9+75W 8+75N	.3	25400	19	13	2	303	.0	4	2	21400	678	1170
9+75W 9+00N	.7	61300	0	39	8	670	1.2	15	5	68900	1260	6120
9+75W 9+50N	1.0	69800	0	42	8	1070	1.2	10	11	59900	398	1970
6+75W 0+25S	.2	15900	41	9	1	283	.0	2	3	7030	627	570
6+75W 0+00N	.9	53900	15	32	5	325	.7	9	5	32100	924	2530
6+75W 0+25N	.7	34500	30	20	4	576	.5	8	9	32100	801	1600
6+75W 0+50N	.7	48800	6	29	5	568	1.1	11	11	44700	611	1880
6+75W 0+75N	.9	44200	10	25	4	591	.7	10	9	35300	652	1950
6+75W 1+25N	.9	40600	14	23	4	402	.5	8	6	32700	433	1590
6+75W 1+50N	.9	58100	16	35	4	393	1.2	10	14	46600	696	2650
6+75W 1+75N	1.0	52200	6	31	5	268	1.4	10	10	39200	626	2590
6+75W 2+00N	.8	50900	10	30	6	333	1.0	10	10	47900	664	3010
6+75W 2+25N	.4	37500	24	21	3	931	.6	10	10	40000	639	1900
6+75W 2+50N	.4	31300	36	18	3	552	.4	9	6	40800	598	1310
6+75W 2+75N	1.3	96000	0	90	15	4100	15.7	13	12	38200	368	1470
6+75W 3+00N	1.0	50000	11	29	3	229	1.0	9	7	39700	465	1010
6+75W 3+25N	2.3	68200	16	42	8	1780	3.5	15	10	42700	550	2570
6+75W 4+00N	1.1	34000	145	20	5	294	.1	10	11	44800	435	1500
6+75W 4+25N	2.1	48500	95	31	8	782	1.4	13	14	72000	553	3140
6+75W 4+50N	.8	22400	40	14	3	587	.0	5	11	23300	595	1170
6+75W 4+75N	2.0	33100	71	22	11	637	2.5	21	40	55000	927	1610
6+75W 5+00N	1.0	15900	31	14	3	1590	1.1	8	15	33400	1310	1200
6+75W 5+25N	1.0	35500	37	23	4	741	1.1	14	14	55800	627	1520
6+75W 5+50N	2.9	22800	114	13	5	1360	.4	14	17	36800	1180	1170
6+75W 5+75N	41.6	26700	125	17	10	1130	1.0	20	34	51800	1340	1200
6+75W 6+25N 40M	.7	35800	24	22	11	2820	1.6	11	15	37700	1160	2650
6+75W 6+50N	1.3	48800	16	26	9	1040	2.1	13	18	50600	276	3040
6+75W 7+00N	.7	40100	31	22	7	1100	2.1	12	10	59300	338	3540
6+75W 7+25N	.6	44100	2	24	6	518	1.5	10	20	64200	306	2290

COMPANY: FALCONBRIDGE LTD. | MIN-EN LABS ICP REPORT | (ACT:GE03B) PAGE 2 OF 3

PROJECT No: 30301-608-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-1169S/P1+2

ATTENTION: K. HUDSON | (604)980-5814 OR (604)988-4524 | *TYPE SOIL GEOCHEM* | DATE: OCTOBER 19, 1984

(REPORT VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
9+75WBL	123	1	305	2	204	8	0	23	1	0	57.7	9
9+75W0+25N	226	1	237	7	439	19	1	34	3	0	105.2	7
9+75W 0+50N	139	2	164	4	709	22	1	31	3	0	42.0	5
9+75W 0+75N	72	1	362	4	531	16	0	18	2	0	53.2	12
9+75W 1+00N 40M	249	2	190	7	1240	28	2	42	3	0	68.1	21
9+75W 1+25N	439	4	119	11	574	161	6	51	5	0	107.7	85
9+75W 1+50N	388	2	129	4	463	33	3	29	3	0	55.8	22
9+75W 1+75N	134	2	149	4	432	22	1	28	3	0	62.2	4
9+75W 2+00N	139	2	111	4	429	19	2	31	3	0	43.6	2
9+75W 2+25N	368	1	171	1	334	10	1	17	2	0	18.9	9
9+75W 2+50N	6040	6	96	5	980	99	4	16	2	0	13.4	58
9+75W 2+75N	130	4	98	7	669	68	4	38	4	0	40.5	36
9+75W 3+00N	90	2	111	5	386	32	3	28	3	0	44.2	1
9+75W 3+25N	123	4	69	6	363	105	7	41	5	0	55.4	78
9+75W 3+75N	1420	2	157	8	595	60	4	40	4	0	78.9	95
9+75W 4+00E	151	3	109	7	427	35	5	49	5	0	79.2	11
9+75W 4+25N	2020	3	167	9	740	59	4	64	4	4	55.8	123
9+75W 4+50N	436	7	158	9	327	35	5	45	4	0	88.4	26
9+75W 4+75N	355	3	143	10	473	24	1	61	4	0	92.0	22
9+75W 5+25N	183	8	113	9	552	54	9	51	7	0	79.3	28
9+75W 5+50N	51	3	160	3	286	17	3	23	2	0	40.7	2
9+75W 5+75N	189	8	91	5	691	74	5	42	3	0	51.1	46
9+75W 6+00N	373	3	109	7	755	48	4	45	4	0	64.2	26
9+75W 6+25N	674	6	93	10	839	87	10	72	5	0	58.5	80
9+75W 6+50N	319	5	104	9	645	104	8	63	5	0	57.5	59
9+75W 6+75N 40M	1890	4	165	7	1200	50	4	42	3	0	53.1	71
9+75W 7+00N	2230	5	139	10	758	67	5	55	5	0	65.4	317
9+75W 7+25N	683	5	127	6	605	74	3	48	4	0	65.6	259
9+75W 7+50N	143	5	200	6	187	39	3	41	3	0	90.3	70
9+75W 8+00N	84	3	145	5	293	30	3	19	2	0	53.9	28
9+75W 8+50N	63	1	94	2	117	18	0	19	1	0	41.0	16
9+75W 8+75N	186	1	119	3	232	10	0	22	0	0	36.7	5
9+75W 9+00N	714	4	85	8	525	35	2	53	2	2	57.9	74
9+75W 9+50N	109	2	80	5	440	24	0	62	0	1	102.0	4
6+75W 0+25S	33	1	48	2	116	18	1	14	1	1	12.3	19
6+75W 0+00N	453	3	70	5	353	67	4	45	3	1	62.0	261
6+75W 0+25N	1200	1	52	4	654	174	3	29	3	1	46.4	199
6+75W 0+50N	936	3	54	5	811	145	3	41	2	1	64.6	254
6+75W 0+75N	1690	3	64	6	827	129	3	37	3	2	59.8	211
6+75W 1+25N	568	3	48	5	587	106	2	33	2	1	57.6	190
6+75W 1+50N	745	4	46	5	624	563	3	47	4	1	66.1	630
6+75W 1+75N	538	3	52	6	421	170	3	42	3	1	57.5	310
6+75W 2+00N	376	3	52	6	428	109	3	43	5	1	70.9	179
6+75W 2+25N	1520	3	70	4	1240	92	2	31	2	1	66.1	157
6+75W 2+50N	346	3	51	5	422	39	2	25	3	0	64.8	67
6+75W 2+75N	16800	11	108	11	2030	263	5	81	0	6	23.1	1060
6+75W 3+00N	159	6	48	5	373	101	3	39	3	1	49.2	292
6+75W 3+25N	2290	10	67	8	887	431	5	61	3	3	54.8	1690
6+75W 4+00N	210	3	49	6	172	104	5	31	4	1	78.5	119
6+75W 4+25N	378	9	55	6	329	158	4	46	4	2	98.5	443
6+75W 4+50N	149	3	63	4	168	31	2	20	2	1	57.2	49
6+75W 4+75N	9430	16	52	7	968	381	5	28	3	3	42.1	607
6+75W 5+00N	366	4	83	4	465	53	3	24	3	1	38.8	83
6+75W 5+25N	645	5	54	5	660	63	2	30	3	0	77.7	118
6+75W 5+50N	4300	4	64	6	679	356	5	21	2	1	48.7	313
6+75W 5+75N	8310	5	57	8	920	1320	9	24	2	2	49.0	317
6+75W 6+25N 40M	4800	3	86	7	782	52	2	38	1	2	61.1	199
6+75W 6+50N	957	1	116	5	538	18	2	42	0	1	86.2	52
6+75W 7+00N	937	1	114	5	316	29	1	39	1	1	121.4	49
6+75W 7+25N	644	2	89	3	502	28	2	35	1	0	99.3	21

(REPORT VALUES IN PPM)	BA	SE	AU-PPB
9+75WBL	42	0	1
9+75W0+25N	53	0	10
9+75W 0+50N	41	0	2
9+75W 0+75N	43	0	6
9+75W 1+00N 40M	52	0	6
9+75W 1+25N	66	0	27
9+75W 1+50N	40	0	3
9+75W 1+75N	39	0	2
9+75W 2+00N	34	0	1
9+75W 2+25N	33	0	3
9+75W 2+50N	55	0	32
9+75W 2+75N	41	0	4
9+75W 3+00N	31	0	3
9+75W 3+25N	49	0	17
9+75W 3+75N	84	0	6
9+75W 4+00E	74	0	5
9+75W 4+25N	234	0	5
9+75W 4+50N	108	0	8
9+75W 4+75N	53	0	4
9+75W 5+25N	69	0	53
9+75W 5+50N	78	0	3
9+75W 5+75N	37	0	7
9+75W 6+00N	70	0	8
9+75W 6+25N	80	0	15
9+75W 6+50N	63	0	6
9+75W 6+75N 40M	116	0	3
9+75W 7+00N	206	0	13
9+75W 7+25N	85	0	7
9+75W 7+50N	70	0	5
9+75W 8+00N	78	0	6
9+75W 8+50N	28	0	3
9+75W 8+75N	57	0	2
9+75W 9+00N	119	0	8
9+75W 9+50N	56	0	12
6+75W 0+25S	37	0	8
6+75W 0+00N	66	0	5
6+75W 0+25N	38	0	4
6+75W 0+50N	45	0	24
6+75W 0+75N	40	0	7
6+75W 1+25N	36	0	3
6+75W 1+50N	36	0	16
6+75W 1+75N	43	1	2
6+75W 2+00N	48	1	2
6+75W 2+25N	70	0	1
6+75W 2+50N	43	0	3
6+75W 2+75N	217	2	3
6+75W 3+00N	39	0	6
6+75W 3+25N	134	1	4
6+75W 4+00N	40	0	1
6+75W 4+25N	65	0	9
6+75W 4+50N	56	0	1
6+75W 4+75N	68	1	42
6+75W 5+00N	96	0	6
6+75W 5+25N	36	0	38
6+75W 5+50N	74	1	19
6+75W 5+75N	90	1	60
6+75W 6+25N 40M	112	1	3
6+75W 6+50N	33	0	2
6+75W 7+00N	39	0	2
6+75W 7+25N	34	0	4

COMPANY: FALCONBRIDGE LTD. | MIN-EN LABS ICP REPORT | (ACT:GE03B) PAGE 1 OF 3

PROJECT No: 30301-608-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-1169S/P3+4

ATTENTION: K. HUDSON | (604)980-5814 OR (604)988-4524 | *TYPE SOIL GEOCHEM* | DATE: OCTOBER 18, 1984

(REPORT VALUES IN PPM)

		AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
6+75W7+50N		1.6	42800	80	27	6	327	.9	10	15	43800	603	1860
6+75W8+00N		.3	28000	34	18	7	702	2.3	15	12	36200	953	2910
6+75W8+25N	40M	.9	22000	15	17	6	2040	.0	9	7	42200	511	1680
6+75W8+50N		1.5	36100	0	24	15	4480	1.4	22	19	74000	750	4770
6+75W8+75N		1.4	28500	0	19	11	2600	.0	15	20	71900	443	3810
6+75W9+00N		.8	36800	27	21	4	2410	.7	10	13	29600	847	1630
6+75W9+25N		.7	26500	26	15	5	695	1.0	10	9	30300	744	2390
6+75W9+50N		.7	32400	24	19	7	1430	.0	17	11	38200	807	2820
0+75W0+00N		1.4	52400	0	31	8	1200	1.1	12	17	55500	404	2770
0+75W0+25N		.9	45400	0	27	6	1260	1.4	13	14	42500	433	2080
0+75W0+50N		.8	49300	0	28	5	1010	1.2	13	10	44500	705	2440
0+75W0+75N		1.1	46300	5	27	5	1090	1.1	10	14	44300	704	1880
0+75W1+00N		.7	25200	20	15	5	617	.2	6	5	29200	437	1600
0+75W1+50N		1.7	43000	8	26	10	1040	1.1	10	22	55800	511	2330
0+75W1+75N		2.5	40600	32	25	10	1070	1.4	15	24	48100	523	1930
0+75W2+00N		1.0	32700	29	19	7	654	.4	9	15	40600	747	1590
0+75W2+25N		3.7	35300	60	24	13	695	2.4	25	41	68400	604	2230
0+75W2+50N		4.7	62900	68	40	18	520	3.9	39	99	79900	995	4310
0+75W2+75N		2.1	37600	8	24	15	1660	.7	16	44	70400	596	2940
0+75W3+50N		2.2	32100	3	20	12	1540	.7	12	48	66600	338	2650
0+75W4+25N		1.5	30700	0	17	9	1080	.0	10	4	54200	182	1480
0+75W4+50N		1.4	32500	0	18	10	1350	.0	10	9	54600	200	1750
0+75W4+75N		1.0	28000	0	15	6	1980	.0	10	13	43300	238	2010
0+75W5+00N		1.4	40900	0	23	7	1610	.2	8	12	39300	272	1610
0+75W5+50N		1.9	47500	0	28	12	2410	.5	13	12	54800	439	3610
0+75W6+50N	40M	1.2	21400	10	12	8	4070	.1	14	9	23100	505	3900
L300N6+25N		1.4	29400	58	19	14	1900	3.9	17	42	46100	1120	3030
L300N6+75N		1.5	43700	3	27	12	2830	.8	17	27	59800	732	4550
L300N7+25N	40M	.9	7860	31	5	4	1830	.0	4	5	19500	305	935
L300N7+75N		1.0	15800	23	9	6	1400	.0	6	6	28900	453	1200
0+00 0+25N		1.6	79500	0	47	10	1320	2.8	19	22	50100	559	1870
0+00 0+75N		.6	33700	0	19	10	1660	.2	9	8	45800	365	2090
0+00 1+25N		.0	14200	28	9	1	714	.0	4	32	15200	817	575
0+00 1+75N		1.7	43100	0	26	10	2980	.9	13	23	44700	469	2630
0+00 2+75N		3.1	38100	32	24	17	2240	8.8	20	72	55700	1200	2940
0+00 3+75N		1.4	36600	53	23	12	2740	3.8	21	37	43600	925	3460
0+00 4+25N	40M	1.0	35100	49	22	8	1240	.9	12	27	45200	621	2350
0+00 4+75N		.8	53500	0	32	11	2200	1.5	10	29	49400	427	2270
0+00 5+25N		.3	18300	14	31	7	904	.0	8	10	41800	192	1060
0+00 5+75N		.3	24900	11	14	6	1770	.0	9	24	43300	243	2490
0+00 6+25N		.7	34900	0	21	14	17300	.8	16	42	51700	792	6100
0+00 6+75N		.0	19500	28	11	4	1080	.1	7	8	19500	615	1680
0+00 7+25N		.9	33600	6	23	9	1740	.0	11	17	46700	304	2370
0+00 7+75N		1.7	53800	0	33	14	1760	.8	14	33	57500	296	2730
9+00W0+25N		3.8	83600	0	51	11	1640	6.5	23	61	39700	697	2530
9+00W0+75N		.3	77300	0	47	7	1010	2.9	33	9	30100	471	1490
9+00W1+25N	40M	.0	54400	0	34	12	2450	3.1	27	9	25300	556	1650
9+00W1+75N		.3	51300	0	30	6	785	1.3	6	4	27400	658	1690
9+00W2+25N		.6	61600	0	37	11	995	1.7	12	6	56900	420	1950
9+00W2+75N		.0	38100	32	23	6	887	.5	5	3	23100	706	1210
9+00W3+25N		.5	33400	53	22	7	738	.5	9	7	40900	657	1460
9+00W3+75N		.2	47700	0	28	10	2160	2.4	12	6	27100	337	1500
9+00W4+25N		.5	32200	6	20	7	1200	.0	9	5	40400	365	1870
9+00W4+75N		.3	26600	32	15	6	290	.7	6	5	25800	394	1630
9+00W5+25N		3.6	25300	130	18	12	7290	10.3	16	15	42200	813	2690
9+00W5+75N		.7	45900	0	27	9	940	.5	8	3	40900	451	2040
9+00W6+25N		.8	60400	0	36	14	425	1.9	10	6	53100	324	1670
9+00W6+75N		.9	45200	34	28	12	243	1.5	10	15	58000	638	1920
9+00W7+25N		30.9	42100	39	27	15	3010	7.1	20	65	47400	666	2530
9+00W7+75N		1.2	49600	1	30	11	1420	1.3	14	4	52200	440	2010

COMPANY: FALCONBRIDGE LTD. | MIN-EN LABS ICP REPORT | (ACT:GEO38) PAGE 2 OF 3

PROJECT No: 30301-c08-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-1169S/P3+4

ATTENTION: K. HUDSON | (604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM* | DATE: OCTOBER 18, 1984

(REPORT VALUES IN PPM)		MN	MG	NA	NI	P	PB	SB	SR	TH	U	V	ZN
6+75W7+50N		515	5	53	9	501	43	2	36	3	0	77.3	103
6+75W8+00N		3780	3	62	9	1080	285	2	25	2	1	58.1	375
6+75W8+25N	40M	297	1	86	4	464	28	0	28	0	0	113.8	30
6+75W8+50N		1990	0	110	7	360	34	0	51	0	1	161.4	230
6+75W8+75N		281	0	90	6	340	23	0	34	0	1	161.5	32
6+75W9+00N		485	3	65	6	669	36	2	36	2	1	59.2	36
6+75W9+25N		396	3	87	6	272	32	2	27	2	1	81.5	22
6+75W9+50N		1940	3	63	7	647	36	2	37	2	1	64.7	25
0+75W0+00N		273	4	49	7	623	60	1	51	3	1	97.0	109
0+75W0+25N		3570	6	69	8	765	54	1	45	1	2	88.2	214
0+75W0+50N		614	5	68	7	542	53	2	47	3	1	77.7	175
0+75W0+75N		668	5	59	6	539	74	3	44	3	1	69.0	102
0+75W1+00N		123	2	66	4	334	33	2	26	2	1	79.6	21
0+75W1+50N		374	5	56	5	583	92	3	42	3	1	146.1	64
0+75W1+75N		2520	8	50	6	1190	132	3	39	3	2	78.2	251
0+75W2+00N		643	9	55	7	1090	85	2	31	3	1	76.2	82
0+75W2+25N		4400	11	51	9	1370	190	6	33	5	2	68.7	145
0+75W2+50N		4380	9	57	14	2160	227	6	56	6	3	61.9	498
0+75W2+75N		761	3	86	7	726	97	0	42	1	2	121.9	88
0+75W3+50N		266	3	59	7	444	56	1	49	1	1	116.8	46
0+75W4+25N		107	1	63	4	215	27	0	33	1	1	143.6	5
0+75W4+50N		178	1	72	2	427	14	0	36	0	1	116.3	1
0+75W4+75N		392	0	77	3	542	18	0	35	0	1	88.0	9
0+75W5+00N		259	1	82	2	624	12	0	41	0	1	75.6	2
0+75W5+50N		384	3	181	7	310	28	0	56	0	2	115.8	57
0+75W6+50N	40M	1800	1	94	6	807	28	0	37	0	2	41.0	137
L300N6+25N		5040	5	81	9	1150	138	5	35	3	3	58.8	550
L300N6+75N		803	3	90	7	648	55	0	58	2	2	125.0	98
L300N7+25N	40M	140	0	102	1	340	16	0	21	1	1	63.2	17
L300N7+75N		182	1	80	3	324	16	0	21	0	1	89.7	12
0+00 0+25N		504	9	64	11	747	95	4	71	5	1	85.9	378
0+00 0+75N		330	2	78	4	524	40	0	38	1	1	95.2	53
0+00 1+25N		92	3	83	3	192	25	1	15	1	1	49.9	33
0+00 1+75N		948	5	79	5	647	74	1	53	1	2	69.4	330
0+00 2+75N		5660	12	60	14	2360	369	6	39	4	3	64.2	1860
0+00 3+75N		4510	6	63	10	1270	445	5	39	3	3	56.0	816
0+00 4+25N	40M	730	6	62	8	538	197	4	37	3	1	76.7	364
0+00 4+75N		321	3	74	5	536	37	1	53	2	1	102.7	35
0+00 5+25N		108	1	99	4	259	20	0	20	1	1	125.7	12
0+00 5+75N		164	1	80	3	364	32	0	32	1	1	94.9	36
0+00 6+25N		1180	1	115	4	766	43	0	103	0	3	91.4	59
0+00 6+75N		262	2	68	6	569	27	2	24	2	1	60.8	24
0+00 7+25N		682	2	80	5	821	39	1	40	1	1	105.0	14
0+00 7+75N		1030	2	62	6	1700	58	1	52	1	2	112.7	31
9+00W0+25N		4400	9	65	11	920	283	8	75	3	4	74.2	891
9+00W0+75N		724	9	63	7	632	56	4	69	3	2	54.6	205
9+00W1+25N	40M	9410	6	61	7	1290	147	4	54	0	5	33.6	561
9+00W1+75N		115	4	46	5	764	25	5	48	2	2	53.9	21
9+00W2+25N		535	5	47	7	1150	42	4	57	3	2	72.4	16
9+00W2+75N		576	2	59	4	433	31	3	37	2	2	49.2	12
9+00W3+25N		425	4	27	6	435	74	6	32	4	2	67.7	134
9+00W3+75N		5330	4	59	7	895	56	4	48	1	3	55.0	276
9+00W4+25N		225	2	57	5	386	49	2	37	2	2	99.4	44
9+00W4+75N		75	5	24	4	277	80	3	25	3	1	47.4	31
9+00W5+25N		6270	8	75	12	969	835	6	43	3	4	56.9	1160
9+00W5+75N		247	4	67	6	228	33	2	45	2	2	88.3	18
9+00W6+25N		88	5	46	7	387	41	7	56	4	2	96.0	1
9+00W6+75N		283	0	46	7	378	72	6	43	4	2	74.3	70
9+00W7+25N		4750	12	71	9	748	2260	7	51	3	3	84.8	1550
9+00W7+75N		375	10	57	6	196	105	5	55	3	2	119.4	403

(REPORT VALUES IN PPM)		BA	SE	AU-PPB
6+75W7+50N		47	0	27
6+75W8+00N		66	0	4
6+75W8+25N	40M	44	0	3
6+75W8+50N		109	0	4
6+75W8+75N		33	0	3
6+75W9+00N		73	0	18
6+75W9+25N		96	0	10
6+75W9+50N		76	0	6
0+75W0+00N		35	0	3
0+75W0+25N		67	0	2
0+75W0+50N		85	0	5
0+75W0+75N		51	0	4
0+75W1+00N		33	0	2
0+75W1+50N		63	0	4
0+75W1+75N		64	0	7
0+75W2+00N		37	0	3
0+75W2+25N		48	1	19
0+75W2+50N		89	1	75
0+75W2+75N		46	0	2
0+75W3+50N		36	0	6
0+75W4+25N		25	0	5
0+75W4+50N		22	0	9
0+75W4+75N		19	0	2
0+75W5+00N		24	0	7
0+75W5+50N		39	0	4
0+75W6+50N	40M	54	0	5
L300N6+25N		158	0	81
L300N6+75N		63	0	3
L300N7+25N	40M	34	0	10
L300N7+75N		38	0	6
0+00 0+25N		92	0	2
0+00 0+75N		38	0	2
0+00 1+25N		31	0	1
0+00 1+75N		48	0	3
0+00 2+75N		139	1	3
0+00 3+75N		100	1	6
0+00 4+25N	40M	72	1	1
0+00 4+75N		33	0	1
0+00 5+25N		21	0	2
0+00 5+75N		28	0	1
0+00 6+25N		76	0	1
0+00 6+75N		42	0	5
0+00 7+25N		29	0	2
0+00 7+75N		32	0	2
9+00W0+25N		178	0	37
9+00W0+75N		74	0	3
9+00W1+25N	40M	121	0	2
9+00W1+75N		40	0	2
9+00W2+25N		34	0	1
9+00W2+75N		42	0	3
9+00W3+25N		39	0	16
9+00W3+75N		165	0	3
9+00W4+25N		39	0	1
9+00W4+75N		27	0	1
9+00W5+25N		126	1	112
9+00W5+75N		40	0	3
9+00W6+25N		39	0	1
9+00W6+75N		52	1	4
9+00W7+25N		110	0	32
9+00W7+75N		56	0	2

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
9+00W8+75N	.5	26400	17	15	5	502	.0	6	2	26300	311	976
9+00W9+25N	1.8	44900	0	26	4	939	1.3	10	5	39700	592	1910
9+00W9+75N	.6	37600	33	23	6	684	1.3	17	9	55900	758	1870
L075E0+25N	2.4	44200	0	26	7	1220	1.2	13	18	46100	424	1750
L075E0+50N	1.3	33800	8	21	9	3190	1.8	15	35	61100	855	4050
L075E0+75N	1.3	29400	27	52	13	3340	2.2	24	64	76200	1500	5970
L075E100N	1.4	30700	0	23	13	4510	1.0	19	51	70100	940	4880
L075E125N	1.2	37900	0	23	14	3450	1.4	20	42	78600	762	4740
L075E150N 40M	.9	15000	16	11	9	1370	.0	7	4	42100	381	1120
L075E175N	.9	18100	5	11	8	1960	.0	9	4	42100	246	1980
L075E200N	.5	14900	9	9	8	1390	.0	7	2	42700	192	1100
L075E225N	.7	20300	0	11	8	1380	.0	8	11	42100	284	1700
L075E425N	.1	8570	48	7	4	907	.0	9	10	15600	715	578
L075E450N	1.0	32800	0	20	9	1430	.4	13	7	67300	299	3160
L075E500N	1.1	43900	0	25	6	1410	1.3	11	16	53300	254	2400
L075E475N	1.2	36400	0	22	6	1610	1.0	10	13	55100	291	2230
NO TAG 1 40M	2.3	34600	50	23	10	568	1.4	17	40	76600	814	1710
NO TAG 2	3.9	37100	23	23	10	2540	5.3	20	40	53300	861	3650
L225E025N	1.3	44200	0	26	10	912	.3	12	10	73300	272	2180
L225E050N 40M	1.2	26000	3	17	12	7110	2.5	22	26	47500	866	5970
L225E075N	1.5	54900	0	34	18	763	1.0	14	30	103000	303	2210
L225E100N	.8	25700	0	16	10	1100	.0	12	10	63900	257	2210
L225E125N	.9	21700	3	13	10	793	.0	13	5	56500	225	2390
L225E150N	2.1	49100	0	30	12	2050	1.6	17	43	68700	451	3160
L225E175N	2.7	67300	0	40	19	1960	2.6	18	109	84600	553	4730
L225E200N	3.5	78100	0	47	20	2630	2.5	25	195	75800	567	5650
L225E225N 40M	1.0	30700	2	19	9	1800	.7	17	36	46900	248	2210
L225E250N	2.5	71400	0	44	33	1100	3.7	20	214	81600	687	6520
L225E275N 20M	.6	1410	55	3	3	2420	.0	1	5	3790	397	1000
L225E300N 40M	.9	31700	3	20	9	1610	.9	9	23	46100	321	2310
L225E325N 40M	.8	18400	16	12	7	1280	.0	8	9	35000	427	2040
L225E350N	.9	48300	0	29	4	856	1.8	12	54	51100	374	2940
L225E375N	1.3	60000	0	36	11	954	1.1	11	38	55800	298	2430
L225E400N	.6	40400	0	27	5	1280	.5	10	31	49000	454	2740
L225E425N	1.9	31100	7	22	6	1100	.4	9	20	49000	266	1600
L225E450N	.8	29100	0	18	10	2020	.0	8	9	33300	285	1870
L225E475N	.9	15900	11	10	7	758	.0	6	1	34800	184	732
L225E500N	.9	27900	0	17	6	1280	.0	9	6	49000	251	2000
5+25W0+50S 40M	.2	31000	7	19	7	2380	1.9	12	15	36700	1450	2390
5+25W0+75S	.5	30600	4	19	8	1350	.0	13	18	39400	970	2790
5+25W1+00S	1.0	31100	6	20	6	1160	.4	8	10	37600	546	2170
5+25W1+25S	.7	25100	19	19	5	1930	.8	9	13	26900	769	1660
5+25W1+50S	1.5	51900	0	34	6	1870	2.1	15	45	45400	737	4680
5+25W1+75S	.7	34800	0	23	5	653	.8	9	11	38600	642	1820
5+25W2+00S 40M	.3	27400	15	18	8	4290	1.9	13	19	35000	1050	3560
5+25W2+25S	1.6	52300	0	33	4	2160	1.7	15	61	50100	853	3210
5+25W2+50S	1.0	67000	0	42	9	670	1.7	16	22	71400	755	2920
6+00W1+75S	4.7	56400	0	36	11	4070	8.4	15	98	44300	857	3500
6+00W2+25S	1.2	36300	5	22	6	1840	.8	10	31	36000	650	2410
6+00W0+75N 40M	.7	25900	29	17	6	2370	1.3	10	13	28200	1380	2230
6+00W1+25N	.9	59900	0	38	6	821	3.0	15	27	44600	982	2630
6+00W1+75N	.8	33800	12	20	6	722	1.2	10	8	34200	533	1340
6+00W3+75N 40M	1.8	17600	61	13	6	359	.9	11	41	45100	931	864
6+00W4+75N	2.7	47500	0	30	9	1570	1.3	12	16	54900	450	2230
6+00W5+25N	.8	36400	16	24	12	1780	1.1	18	10	56300	635	1730
6+00W5+75N 40M	.7	16700	49	12	0	686	.2	6	6	21300	757	988
6+00W6+25N	1.2	77000	0	47	11	819	1.6	10	10	55900	468	1790
6+00W6+75N	1.3	51200	0	32	5	480	1.2	8	5	47700	401	1520
6+00W7+25N	1.4	60300	0	36	10	784	1.1	10	6	49500	281	1540
6+00W7+75N	1.5	32400	10	21	8	2380	1.0	13	23	40800	563	4110

(REPORT VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
9+00W8+75N	84	2	49	1	62	28	1	26	2	2	52.7	24
9+00W9+25N	470	6	51	6	224	52	0	43	3	2	62.2	282
9+00W9+75N	437	4	57	9	271	115	0	38	4	2	86.9	158
L075E0+25N	199	4	71	5	578	61	0	46	0	3	71.4	133
L075E0+50N	1420	4	80	5	910	83	0	46	2	4	78.3	204
L075E0+75N	2090	9	118	8	1350	262	0	45	3	4	65.4	330
L075E100N	1660	4	89	6	1130	82	0	52	0	3	80.8	203
L075E125N	2090	5	88	7	1360	95	0	51	0	4	95.0	135
L075E150N 40M	206	2	57	1	323	23	0	22	0	3	103.2	11
L075E175N	637	1	92	3	365	15	0	30	0	3	77.8	12
L075E200N	68	0	97	0	155	10	0	24	0	3	74.1	3
L075E225N	156	0	65	1	207	10	0	28	0	2	88.6	10
L075E425N	104	2	33	4	146	12	1	13	1	3	36.8	7
L075E450N	274	3	72	4	404	40	0	39	1	3	137.0	21
L075E500N	245	2	64	4	613	29	0	49	1	3	99.0	33
L075E475N	260	2	70	2	499	22	0	43	0	3	96.1	9
? NO TAG 1 40M	2270	5	42	5	692	86	2	34	7	4	59.7	171
? NO TAG 2	4920	6	57	7	1650	372	3	44	3	5	55.9	1030
L225E025N	208	3	52	5	506	35	0	45	1	4	119.0	12
L225E050N 40M	4330	2	140	8	764	64	0	57	0	6	69.0	190
L225E075N	134	4	41	4	416	61	0	52	4	3	156.7	24
L225E100N	168	2	74	3	279	28	0	31	0	3	133.0	15
L225E125N	180	1	47	3	71	23	0	27	0	3	142.1	14
L225E150N	832	5	84	6	556	55	0	56	2	4	119.2	100
L225E175N	591	5	65	6	773	81	0	72	3	4	112.8	114
L225E200N	1090	4	80	8	1260	78	0	86	3	5	82.7	171
L225E225N 40M	638	3	50	5	451	32	0	37	2	4	87.9	91
L225E250N	1600	6	51	10	624	92	2	75	7	4	108.6	271
L225E275N 20M	228	1	57	2	492	22	3	22	1	3	4.9	24
L225E300N 40M	224	3	51	6	467	38	0	39	1	3	88.2	39
L225E325N 40M	182	1	97	5	360	19	0	27	1	0	88.6	26
L225E350N	396	4	89	6	490	41	0	50	3	0	104.8	64
L225E375N	201	3	79	6	533	29	0	60	2	1	96.3	57
L225E400N	380	2	98	5	535	37	0	49	2	0	97.1	51
L225E425N	126	3	102	5	412	32	0	43	2	1	101.5	26
L225E450N	324	1	87	4	365	19	0	39	0	0	63.0	28
L225E475N	64	1	94	2	265	15	0	22	0	0	94.3	10
L225E500N	125	1	100	0	233	18	0	38	1	0	100.6	10
5+25W0+50S 40M	3220	4	91	6	1190	44	1	35	2	1	48.1	214
5+25W0+75S	994	6	64	5	648	33	0	36	2	1	64.5	34
5+25W1+00S	334	3	69	4	381	45	0	36	3	1	64.1	72
5+25W1+25S	1950	5	72	3	564	48	1	32	3	1	45.4	277
5+25W1+50S	1590	7	112	11	788	104	1	58	3	1	59.6	827
5+25W1+75S	556	3	73	4	421	47	0	36	3	0	69.7	112
5+25W2+00S 40M	4190	4	95	7	860	62	1	38	3	1	50.7	263
5+25W2+25S	1940	3	82	8	997	115	0	57	4	1	73.5	400
5+25W2+50S	977	5	56	8	811	48	2	68	6	1	82.1	148
6+00W1+75S	6750	6	86	8	1020	333	2	66	3	3	63.2	2330
6+00W2+25S	762	4	72	3	528	58	0	43	3	1	64.8	118
6+00W0+75N 40M	2770	2	83	6	1010	105	1	31	2	1	47.1	199
6+00W1+25N	3190	5	76	9	1280	128	2	56	4	1	59.4	771
6+00W1+75N	1070	3	65	4	605	150	2	35	2	1	60.3	547
6+00W3+75N 40M	356	4	57	4	612	50	1	22	3	1	39.3	241
6+00W4+75N	590	3	74	6	690	50	0	56	2	1	109.5	106
6+00W5+25N	6130	4	82	6	872	48	2	45	3	2	86.9	184
6+00W5+75N 40M	356	2	81	4	404	36	2	22	2	1	47.9	54
6+00W6+25N	136	4	79	4	692	31	0	72	3	1	91.5	60
6+00W6+75N	456	2	76	4	535	34	0	48	3	1	80.2	13
6+00W7+25N	242	3	65	4	527	31	0	59	3	2	94.5	2
6+00W7+75N	1020	2	97	9	665	57	0	44	3	1	84.6	159

(REPORT VALUES IN PPM)	BA	SE	AU-PPB
9+00W8+75N	45	0	1
9+00W9+25N	49	0	1
9+00W9+75N	49	0	2
L075E0+25N	37	0	1
L075E0+50N	68	0	3
L075E0+75N	73	0	7
L075E100N	70	0	2
L075E125N	79	0	2
L075E150N 40M	25	0	2
L075E175N	31	0	1
L075E200N	21	0	2
L075E225N	24	0	3
L075E425N	42	0	3
L075E450N	39	0	1
L075E500N	32	0	1
L075E475N	27	0	1
NO TAG 1 40M	65	0	44
NO TAG 2	93	0	3
L225E025N	32	0	2
L225E050N 40M	119	0	5
L225E075N	37	0	1
L225E100N	33	0	4
L225E125N	37	0	2
L225E150N	45	0	9
L225E175N	42	0	23
L225E200N	46	0	53
L225E225N 40M	41	0	2
L225E250N	63	0	46
L225E275N 20M	51	0	8
L225E300N 40M	37	0	2
L225E325N 40M	24	0	7
L225E350N	39	0	10
L225E375N	39	0	10
L225E400N	40	0	4
L225E425N	35	0	5
L225E450N	30	0	10
L225E475N	26	0	3
L225E500N	23	0	8
5+25W0+50S 40M	67	0	3
5+25W0+75S	37	0	3
5+25W1+00S	36	0	5
5+25W1+25S	102	0	3
5+25W1+50S	67	0	5
5+25W1+75S	43	0	4
5+25W2+00S 40M	98	0	2
5+25W2+25S	72	0	2
5+25W2+50S	60	0	3
6+00W1+75S	206	1	5
6+00W2+25S	53	0	2
6+00W0+75N 40M	65	0	8
6+00W1+25N	85	1	8
6+00W1+75N	54	0	9
6+00W3+75N 40M	77	0	178
6+00W4+75N	39	0	10
6+00W5+25N	81	0	9
6+00W5+75N 40M	31	0	7
6+00W6+25N	36	0	5
6+00W6+75N	37	0	10
6+00W7+25N	36	0	5
6+00W7+75N	53	0	6

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PROJECT No: 30301-608-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-1169S/P7+8
ATTENTION: K. HUDSON | (604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM* | DATE: OCTOBER 19, 1984

(REPORT VALUES IN PPM)		AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
6+00W8+25N		.0	36300	0	22	7	1270	.5	8	5	43700	522	2400
6+00W8+75N		1.5	57300	0	35	9	1450	1.1	14	35	51900	445	3020
6+00W9+25N		1.1	53300	0	33	7	1390	1.3	12	16	56600	521	2250
6+00W9+75N		.9	56300	0	37	11	1500	1.8	14	18	65400	846	2590
L3+75W0+00		.0	16800	53	15	5	893	.0	6	6	25600	575	835
L3+75W0+25N		3.1	80400	0	50	10	1150	2.8	14	15	62600	747	3470
L3+75W1+25N	40M	.2	48300	0	30	13	1500	1.4	18	7	70400	448	4290
L3+75W1+50N		2.2	65800	0	42	11	622	2.2	19	23	51500	565	1900
L3+75W2+00N		.0	21300	47	14	7	1420	.6	10	7	36300	1070	1810
L3+75W2+25N		.3	33700	43	21	6	998	1.4	13	10	48100	688	1420
L3+75W2+75N		1.3	40200	39	27	11	11900	3.8	16	16	43800	580	3310
L3+75W3+00N	20M	.8	19600	78	17	9	2460	.8	8	12	26600	810	1480
L3+75W3+50N		2.8	92500	0	59	14	726	4.4	34	45	85700	847	4120
L3+75W3+75N		1.6	48300	0	32	12	1630	.4	17	35	75500	580	2360
L3+75W4+25N		11.1	26200	254	22	15	1860	4.1	32	38	81100	1430	5920
L3+75W4+50N	40M	.5	45800	0	28	12	2530	1.2	14	20	60200	516	3610
L3+75W4+75N	40M	.3	23000	25	16	7	3960	1.0	13	10	41900	1030	2020
L3+75W5+00N		.4	37600	13	25	12	3050	3.1	21	12	56800	948	3420
L3+75W5+25N		2.5	43500	29	28	13	1450	3.0	28	29	71300	877	3720
L3+75W5+50N		1.6	67600	0	43	10	1100	2.8	22	18	62700	697	2010
L3+75W5+75N		.5	42600	0	27	11	2430	1.5	16	21	52100	822	2660
L3+75W6+00N		.7	50600	0	31	11	1590	1.3	15	14	53100	426	2090
L3+75W6+25N		1.5	57700	0	37	19	4300	2.1	23	40	66500	754	5310
L150E025N	20M	.8	2860	39	5	1	3350	.0	2	5	3520	489	1030
L150E075N		.7	22800	6	14	7	867	.0	8	7	39900	277	1220
L150E125N	20M	.3	17300	12	11	6	4240	1.0	7	10	22700	528	1750
L150E175N	40M	.5	18700	12	11	5	1190	.0	5	4	24100	373	1190
L150E225N		.6	29300	0	20	7	1760	.0	8	7	37100	215	1310
L150E275N	20M	.2	3220	37	6	1	6090	.0	2	8	3520	399	459
L450W025N		1.1	32500	15	21	9	1690	.0	11	13	50000	219	1450
L450W075N	40M	.0	2350	34	1	1	2000	.0	1	3	2140	412	353
L450W125N	20M	.2	24900	30	15	6	1460	.5	12	5	27200	875	1930
L450W175N	20M	.1	14000	34	10	5	4010	.2	9	4	20000	894	2310
L450W225N	20M	.0	21200	30	15	7	2920	.6	11	5	25100	1090	2320
L450W275N	20M	.2	20600	43	14	7	3100	.3	11	8	24600	1310	2100
L450W325N	20M	.4	9380	39	7	5	1360	.0	5	2	17800	818	930
L450W375N	40M	2.5	39300	27	25	8	1150	.8	14	17	36600	536	1880
L450W425N	40M	2.9	42600	21	27	7	1340	.9	13	17	38800	535	1760
L450W475N		.8	32700	30	20	7	627	.1	11	9	30300	572	1010
L450W525N		.7	33500	29	21	6	646	.7	10	7	31500	703	1070
L450W575N	40M	.7	34900	22	22	7	581	.6	11	7	34200	690	1050
L450W625N		1.2	35400	26	24	7	1460	1.2	11	14	34200	762	2260
L450W675N	40M	.9	31900	29	21	7	1880	1.6	12	14	34000	700	2150
L450W725N	20M	.8	9190	33	7	4	2710	.0	4	8	18400	474	1720
L450W775N		1.0	20300	38	13	7	1380	.0	8	13	37100	412	1410
L300W025N	20M	2.6	26900	118	17	8	2230	.5	13	13	36100	848	1640

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PROJECT No: 30301-608-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-1169S/P7+8

ATTENTION: K. HUDSON | (604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM* | DATE: OCTOBER 19, 1984

(REPORT VALUES IN PPM)		MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
6+00W8+25N		178	2	105	4	268	25	0	41	0	0	99.4	13
6+00W8+75N		669	3	81	8	327	67	0	60	1	0	117.0	326
6+00W9+25N		466	3	77	9	604	101	0	58	2	1	103.6	176
6+00W9+75N		718	5	77	10	947	54	3	60	4	2	85.7	313
L3+75W0+00		108	2	80	3	207	55	1	22	1	1	63.9	28
L3+75W0+25N		383	7	84	7	524	271	1	77	3	1	90.7	329
L3+75W1+25N	40M	1210	4	71	7	873	58	0	51	2	1	127.3	102
L3+75W1+50N		5820	6	68	8	1940	181	1	60	2	2	63.3	228
L3+75W2+00N		1090	4	74	5	850	65	2	27	2	1	68.3	51
L3+75W2+25N		1680	4	80	7	935	153	1	41	3	1	81.3	77
L3+75W2+75N		3900	5	79	8	1370	216	3	65	2	3	55.1	573
L3+75W3+00N	20M	696	4	77	7	683	70	3	26	2	1	48.3	87
L3+75W3+50N		2490	9	63	20	706	455	7	87	6	3	118.6	1040
L3+75W3+75N		358	4	73	7	625	121	0	58	3	2	128.6	220
L3+75W4+25N		2170	6	95	10	1310	1530	4	43	3	1	66.9	413
L3+75W4+50N	40M	308	4	89	9	563	56	1	52	3	1	106.1	62
L3+75W4+75N	40M	1260	4	95	6	738	94	3	38	2	2	67.6	396
L3+75W5+00N		4350	5	97	10	889	96	4	52	3	2	79.5	847
L3+75W5+25N		5160	7	83	9	1150	189	6	50	5	2	58.3	291
L3+75W5+50N		1730	7	61	10	1140	83	2	66	4	2	64.3	512
L3+75W5+75N		3120	5	88	9	723	81	2	51	3	2	81.5	457
L3+75W6+00N		838	5	83	7	623	50	1	54	3	1	95.0	195
L3+75W6+25N		1330	4	113	11	1590	112	0	74	1	2	114.2	138
L150E025N	20M	244	0	110	4	557	9	1	22	0	0	7.5	51
L150E075N		146	1	50	4	293	21	0	25	1	0	103.9	4
L150E125N	20M	3950	2	83	7	1190	31	2	26	1	1	48.1	37
L150E175N	40M	396	1	83	3	443	24	0	22	1	0	57.6	5
L150E225N		281	1	66	3	436	16	0	32	0	1	79.1	7
L150E275N	20M	210	1	106	4	796	38	2	33	1	0	6.5	56
L450W025N		278	4	44	6	456	140	5	43	2	1	105.4	100
L450W075N	40M	246	1	68	2	356	18	2	9	0	0	2.3	37
L450W125N	20M	3050	4	59	7	573	46	5	25	2	1	49.6	70
L450W175N	20M	3310	3	60	5	608	35	5	22	2	1	32.7	72
L450W225N	20M	3340	3	65	6	624	38	5	25	2	1	41.9	79
L450W275N	20M	3520	3	77	5	595	45	6	25	2	2	42.4	71
L450W325N	20M	730	1	64	4	728	35	3	13	2	0	21.8	40
L450W375N	40M	1010	3	51	9	850	87	8	36	3	1	77.2	161
L450W425N	40M	955	2	53	8	960	87	7	39	3	1	82.0	145
L450W475N		1050	4	42	6	280	65	9	32	3	1	68.9	124
L450W525N		856	4	43	5	271	62	7	32	3	1	71.5	82
L450W575N	40M	1260	4	38	6	326	68	7	33	2	1	72.2	100
L450W625N		1100	4	54	8	458	57	7	37	3	1	61.3	252
L450W675N	40M	1550	5	53	7	474	56	6	34	2	1	56.5	245
L450W725N	20M	285	1	76	3	599	41	2	15	1	0	42.6	50
L450W775N		217	2	52	5	411	83	3	27	2	1	96.0	52
L300W025N	20M	1600	5	58	7	671	305	9	31	3	2	58.5	211

(REPORT VALUES IN PPM)		BA	SE	AU-PPB
6+00W8+25N		31	0	2
6+00W8+75N		53	0	5
6+00W9+25N		51	0	2
6+00W9+75N		57	0	6
L3+75W0+00		32	0	3
L3+75W0+25N		63	0	5
L3+75W1+25N	40M	65	0	3
L3+75W1+50N		67	0	2
L3+75W2+00N		52	0	3
L3+75W2+25N		63	0	5
L3+75W2+75N		160	1	10
L3+75W3+00N	20M	59	0	4
L3+75W3+50N		76	1	14
L3+75W3+75N		62	0	9
L3+75W4+25N		64	0	36
L3+75W4+50N	40M	82	0	3
L3+75W4+75N	40M	78	0	5
L3+75W5+00N		138	0	3
L3+75W5+25N		106	1	2
L3+75W5+50N		85	1	8
L3+75W5+75N		105	0	10
L3+75W6+00N		59	0	8
L3+75W6+25N		53	0	12
L150E025N	20M	21	1	2
L150E075N		23	0	1
L150E125N	20M	103	0	1
L150E175N	40M	39	0	1
L150E225N		25	0	2
L150E275N	20M	41	1	1
L450W025N		33	0	2
L450W075N	40M	27	1	1
L450W125N	20M	92	1	3
L450W175N	20M	112	1	1
L450W225N	20M	111	1	2
L450W275N	20M	128	1	2
L450W325N	20M	40	1	1
L450W375N	40M	57	0	2
L450W425N	40M	65	1	2
L450W475N		54	1	2
L450W525N		60	1	1
L450W575N	40M	61	1	3
L450W625N		75	0	2
L450W675N	40M	84	1	2
L450W725N	20M	38	0	1
L450W775N		37	0	4
L300W025N	20M	94	1	15

COMPANY: FALCONBRIDGE LTD. | MIN-EN LABS ICP REPORT | (ACT:GE038) PAGE 1 OF 3

PROJECT No: 30301-608-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-1169S/P9

ATTENTION: K. HUDSON | (604)980-5814 OR (604)988-4524 | *TYPE SOIL GEOCHEM* | DATE: OCTOBER 19, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L300W075N 20M	2.8	39800	98	27	3	1190	1.7	15	13	52400	872	2560
L300W125N 20M	1.7	29400	54	24	6	3260	.4	11	8	36900	1080	2290
L300W175N 20M	2.1	28700	58	21	7	2530	1.6	13	10	41800	1270	3290
L300W225N 20M	2.5	28300	55	22	5	2570	1.2	12	10	38300	1420	2230
L300W275N 20M	1.8	33200	64	23	6	2360	1.3	14	9	44000	1370	2710
L300W325N 20M	2.5	36100	64	24	4	1390	1.5	15	11	49000	1090	3230
L300W375N 20M	.2	19500	13	13	7	2530	.1	9	2	34000	790	2780
L300W425N 20M	.6	20500	16	14	7	3560	.5	9	4	32800	626	2710
L300W475N 20M	.2	25900	5	18	9	5300	3.1	15	13	36500	983	2530
L300W525N 20M	.1	24600	0	17	9	5110	3.1	15	11	36500	1020	2450
L450W025S	1.2	41200	0	28	12	2810	.4	13	11	62600	388	2170
L450W075S	1.2	39600	0	26	11	2960	.0	13	10	60800	376	2140
L450W125S	.1	25200	0	17	5	1880	.0	7	0	31600	500	1540
L450W175S	.2	23800	0	16	6	1540	.0	7	0	30100	400	1270
L375W6+50N 20M	.2	19800	5	15	9	1960	2.4	21	26	53200	780	6000
L375W6+75N 40M	.1	22000	1	18	11	2290	2.0	29	39	76200	707	5490
L375W7+00N	.2	25100	0	20	13	2720	2.4	32	41	94700	1010	5500
L375W7+25N 40M	.7	12400	17	9	6	1470	.0	5	3	23400	353	1090
L375W7+50N 20M	1.1	22000	0	15	6	1850	.0	9	2	47600	415	1600
L375W8+00N 20M	1.1	19800	9	14	8	1590	.5	8	1	41800	384	1390
L375W025S 40M	.9	48500	0	33	12	3130	4.2	15	17	43100	1310	2710
L375W050S	.2	44400	0	28	7	1280	.7	11	5	39400	475	1910
L375W075S 20M	1.2	33200	0	22	8	1670	.6	9	4	37100	359	1630
L375W100S 40M	.7	24600	8	17	9	984	.5	8	0	36500	335	1420
L375W150S 40M	.5	41400	0	28	3	995	.7	13	7	53500	1350	4010
L375W125S 20M	1.2	36300	0	25	8	2340	1.1	9	3	38900	757	2420

(REPORT VALUES IN PPM)

	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
L300W075N 20M	1580	6	62	7	642	451	0	49	3	1	70.0	260
L300W125N 20M	1560	3	74	6	749	271	0	42	2	1	53.4	188
L300W175N 20M	1410	4	70	7	735	316	0	41	2	1	58.7	220
L300W225N 20M	1160	5	74	6	778	289	0	40	2	1	52.2	192
L300W275N 20M	1660	4	77	7	710	315	0	45	2	1	61.1	213
L300W325N 20M	1660	5	65	7	635	359	0	46	2	1	67.5	232
L300W375N 20M	898	2	79	4	557	50	0	34	2	1	57.0	61
L300W425N 20M	1290	3	107	6	753	50	0	35	1	2	57.5	76
L300W475N 20M	10900	6	71	10	1290	137	1	48	1	3	50.5	258
L300W525N 20M	11100	5	83	9	1250	132	1	46	1	3	50.7	228
L450W025S	363	4	65	4	558	164	0	73	1	2	117.0	128
L450W075S	323	5	66	5	474	145	0	74	1	2	116.2	118
L450W125S	193	2	79	3	197	12	0	37	1	1	84.9	5
L450W175S	144	2	59	3	167	13	0	34	1	1	79.7	3
L375W6+50N 20M	1920	4	61	9	952	62	2	39	3	2	28.8	240
L375W6+75N 40M	2520	5	62	10	1330	85	1	48	3	2	38.7	286
L375W7+00N	2110	5	68	12	1540	94	0	57	4	2	47.5	301
L375W7+25N 40M	116	1	97	3	574	20	0	29	0	1	47.6	19
L375W7+50N 20M	226	1	68	6	570	27	0	41	1	2	96.2	18
L375W8+00N 20M	191	2	71	6	572	30	0	35	1	1	87.0	17
L375W025S 40M	4570	8	119	7	1840	259	0	61	2	3	61.6	747
L375W050S	899	4	65	5	717	65	0	51	4	2	51.9	110
L375W075S 20M	420	3	65	5	494	65	1	46	3	2	59.3	75
L375W100S 40M	132	2	53	5	309	32	1	34	2	2	81.3	25
L375W150S 40M	615	4	50	10	432	39	1	51	5	2	97.5	23
L375W125S 20M	720	2	62	6	796	49	2	55	3	3	76.6	51

(REPORT VALUES IN PPM)		BA	SE	AU-PPB
L300W075N	20M	68	0	28
L300W125N	20M	102	0	13
L300W175N	20M	85	0	12
L300W225N	20M	100	0	10
L300W275N	20M	95	0	14
L300W325N	20M	64	0	19
L300W375N	20M	78	0	23
L300W425N	20M	85	0	2
L300W475N	20M	150	1	4
L300W525N	20M	152	1	1
L450W025S		44	0	3
L450W075S		40	0	6
L450W125S		32	0	1
L450W175S		28	0	2
L375W6+50N	20M	61	0	8
L375W6+75N	40M	75	0	9
L375W7+00N		82	0	11
L375W7+25N	40M	23	0	5
L375W7+50N	20M	35	0	3
L375W8+00N	20M	36	0	4
L375W025S	40M	116	0	3
L375W050S		59	0	6
L375W075S	20M	72	0	2
L375W100S	40M	43	0	4
L375W150S	40M	53	1	1
L375W125S	20M	59	0	3

COMPANY: FALCONBRIDGE LTD. MIN-EN LABS ICP REPORT (ACT:GE038) PAGE 1 OF 3
PROJECT No: 30301-608-100 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE No: 4-11965/P3
ATTENTION: K. HUDSON (604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM* DATE: OCTOBER 19, 1984

(REPORT VALUES IN PPM)

		AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L825W-4+25N	40M	.0	18700	0	7	1	1580	.5	5	6	23000	636	819
L825W-4+50N	20M	.0	2960	14	1	0	3940	.7	0	11	1080	609	860
L825W-4+75N	20M	.0	20100	0	8	2	377	.6	3	5	22100	532	1030
L825W-5+00N		.2	50800	0	25	7	1370	2.1	9	15	46600	601	2860
L825W-5+25N	20M	.0	23700	0	10	5	1560	.8	5	7	32900	598	2020
L825W-5+50N	20M	.1	2440	15	0	1	4810	.6	0	14	0	448	1030
L825W-5+75N	20M	.2	17400	0	7	715	2620	1.5	5	6	24800	963	1510
L825W-6+00N	20M	1.4	14400	0	5	713	3170	1.6	4	9	18500	816	1140
L825W-6+25N	20M	.8	20700	5	10	7	381	1.0	2	5	10900	687	499
L825W-6+50N	20M	.9	20000	11	12	6	692	1.2	2	6	11500	703	550
L825W-6+75N	40M	18.9	54100	1	28	16	460	4.9	13	27	39900	798	1030
L825W-7+00N	20M	.1	40700	0	22	7	1060	1.8	11	35	52900	1150	3830
L825W-7+25N	40M	2.6	51800	0	26	9	542	2.1	10	17	53600	687	1580
L825W-7+50N	20M	1.8	44300	0	22	7	598	2.1	8	15	46200	678	1530
L825W-7+75N	20M	1.4	36300	0	18	5	983	1.7	7	15	39200	619	1340
L825W-8+00N	20M	.0	18900	7	7	5	1370	1.5	10	11	32900	666	895
L825W-8+25N	40M	1.9	31000	0	14	6	1420	1.6	8	13	39400	550	1620
L825W-8+50N	40M	3.6	36300	0	18	7	1320	2.2	9	17	43300	626	1800
L825W-8+75N	20M	1.1	4520	25	3	1	6170	1.9	2	8	7930	766	635
L825W-9+00N	20M	.0	5500	49	3	6	4100	3.1	6	6	25500	1630	1030
L825W-9+25N	20M	.5	5770	34	3	4	4870	1.6	4	8	14700	1330	595
L825W-9+50N	20M	.4	20900	1	8	6	1370	1.3	8	8	27200	536	1870
L825W-9+75N	20M	.3	21100	0	10	5	1450	.8	7	8	26000	684	1360
L825W-10+00N	20M	1.0	26800	0	17	7	1580	1.1	11	9	36400	505	2400

PORT VALUES IN PPM)		MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
L825W-4+25N	40M	689	1	59	2	242	47	0	16	1	0	44.0	47
L825W-4+50N	20M	361	0	84	1	1150	18	0	18	0	0	3.7	49
L825W-4+75N	20M	115	1	89	1	300	19	0	16	1	0	48.4	5
L825W-5+00N		373	1	88	6	342	39	0	47	3	0	92.8	75
L825W-5+25N	20M	214	1	134	2	341	25	0	27	0	0	73.3	12
L825W-5+50N	20M	37	0	132	0	628	9	0	40	0	0	2.1	29
L825W-5+75N	20M	2470	1	88	2	630	75	0	23	1	0	50.1	59
L825W-6+00N	20M	4260	1	86	2	1010	95	0	22	1	0	29.2	54
L825W-6+25N	20M	455	4	61	1	230	84	0	15	0	0	17.5	77
L825W-6+50N	20M	602	4	60	1	311	86	0	15	1	0	17.7	103
L825W-6+75N	40M	11600	12	60	2	545	1140	2	42	2	0	37.3	924
L825W-7+00N	20M	1300	2	67	4	468	103	0	34	2	0	72.0	228
L825W-7+25N	40M	859	3	71	3	462	159	0	43	3	0	54.8	295
L825W-7+50N	20M	765	4	73	4	396	140	0	36	3	0	48.1	246
L825W-7+75N	20M	790	3	65	4	472	121	0	33	2	0	44.0	201
L825W-8+00N	20M	1940	3	67	4	578	138	0	19	2	0	33.4	136
L825W-8+25N	40M	1410	2	70	6	387	130	0	31	1	0	70.9	120
L825W-8+50N	40M	1470	3	70	4	413	163	0	35	2	0	74.3	151
L825W-8+75N	20M	1530	1	92	1	819	47	0	16	1	0	7.1	190
L825W-9+00N	20M	7310	1	80	0	730	70	0	16	1	0	7.9	427
L825W-9+25N	20M	2700	1	71	1	685	71	0	13	1	0	9.1	281
L825W-9+50N	20M	1390	2	80	4	305	40	0	21	1	0	56.2	96
L825W-9+75N	20M	1120	2	87	3	337	34	0	22	2	0	59.1	82
L825W-10+00N	20M	1470	2	94	5	320	49	0	28	2	0	78.3	108

ORT VALUES IN PPM)

		BA	SE	AU-PPB
L825W-4+25N	40M	36	0	3
L825W-4+50N	20M	67	0	2
L825W-4+75N	20M	31	0	6
L825W-5+00N		38	0	9
L825W-5+25N	20M	67	0	2
L825W-5+50N	20M	48	1	5
L825W-5+75N	20M	48	0	2
L825W-6+00N	20M	51	0	2
L825W-6+25N	20M	48	0	3
L825W-6+50N	20M	49	0	7
L825W-6+75N	40M	58	0	72
L825W-7+00N	20M	53	0	3
L825W-7+25N	40M	57	0	4
L825W-7+50N	20M	56	0	1
L825W-7+75N	20M	63	0	2
L825W-8+00N	20M	40	0	5
L825W-8+25N	40M	54	0	3
L825W-8+50N	40M	58	0	2
L825W-8+75N	20M	57	0	1
L825W-9+00N	20M	90	0	2
L825W-9+25N	20M	54	0	12
L825W-9+50N	20M	58	0	5
L825W-9+75N	20M	65	0	4
L825W-10+00N	20M	77	0	6

COMPANY: FALCONBRIDGE LTD. | MIN-EN LABS ICP REPORT | (ACT:6E03B) PAGE 1 OF 3

PROJECT No: 30301-608-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-1196S/P1+2

ATTENTION: K. HUDSON | (604)980-5814 OR (604)988-4524 *TYPE SOIL GEOCHEM* | DATE: OCTOBER 19, 1984

(REPORT VALUES IN PPM)		AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
L525W-0+00	20M	.0	4220	37	0	1	2290	.5	4	10	8000	1260	1010
L525W-0+25N	20M	.0	22300	0	3	3	1430	1.3	8	7	25700	618	1330
L525W-0+50N	20M	.0	1930	34	0	0	4610	.5	1	16	1090	425	675
L525W-0+75N	20M	.7	23800	21	5	6	3010	2.3	12	16	33900	1050	3070
L525W-1+00N	20M	.0	33000	0	11	7	3280	5.5	16	16	39400	881	2130
L525W-1+25N	20M	.2	6880	39	0	1	5090	1.3	4	17	10200	626	872
L525W-1+50N	20M	.2	7120	39	0	0	6650	2.2	4	15	11500	837	1010
L525W-1+75N	20M	.0	14200	24	1	7	5740	4.4	10	10	19500	583	1170
L525W-2+00N		3.1	39900	0	15	4	895	2.0	12	19	46000	565	2040
L525W-2+25N	20M	1.5	11600	37	0	3	4760	1.2	10	16	22100	702	1850
L525W-2+50N	20M	.9	14100	31	2	3	4450	1.0	12	11	22200	623	1750
L525W-2+75N	40M	.9	32000	13	10	8	832	2.2	15	79	52800	623	1590
L525W-3+00N	20M	.5	16600	25	0	5	2040	1.2	8	7	31300	430	1570
L525W-3+25N	20M	.6	11600	31	0	0	2730	.5	5	8	19400	417	824
L525W-3+50N	20M	.6	11500	36	0	5	2760	.8	8	7	25900	410	2440
L525W-3+75N	40M	2.2	49300	0	21	4	1140	2.9	20	26	44400	373	2450
L525W-4+00N		2.3	67800	0	31	12	1050	2.9	16	26	50000	437	2010
L525W-4+25N	40M	1.8	56300	0	25	11	1140	3.9	15	25	45400	495	2560
L525W-4+50N	40M	1.4	35800	7	12	6	1550	1.7	12	15	39000	561	2190
L525W-4+75N	40M	.6	51300	0	21	7	2130	3.6	18	8	38200	641	1880
L525W-5+00N	40M	1.0	56000	0	24	6	2120	3.6	19	7	39200	613	1900
L525W-5+25N	20M	.7	42700	0	17	8	2400	3.0	17	6	34400	599	1820
L525W-5+50N	20M	.9	34400	2	11	7	5200	2.7	10	17	37800	627	2770
L525W-5+75N	20M	1.0	33000	6	10	7	5110	2.1	11	17	38900	650	3540
L525W-6+00N	20M	.9	33500	2	11	7	5210	2.5	10	17	38000	623	2800
L525W-6+25N	20M	.7	34300	0	12	7	7000	2.4	10	23	38600	659	2230
L525W-6+50N	20M	1.1	35200	13	12	6	6480	3.8	12	20	41000	610	2580
L525W-6+75N	20M	.5	19400	28	2	7	1620	1.4	11	5	29500	626	2080
L525W-7+00N	40M	.9	40700	29	16	9	2510	2.7	18	13	47200	852	2080
L525W-7+25N	40M	.6	35200	31	13	6	3420	2.6	16	14	42100	887	2140
L525W-7+50N	40M	.6	31500	0	14	7	2880	2.3	14	12	39800	783	1950
L525W-7+75N	20M	1.3	16600	9	7	6	5560	2.1	7	13	24900	1120	1550
L525W-8+00N		2.3	45700	0	22	8	881	2.8	14	24	52300	453	1520
L825W-0+00BL	40M	.7	8000	0	2	1	1110	.3	5	4	13300	632	1110
L825W-0+25S		.9	4440	22	2	2	805	.3	3	4	7450	339	225
L825W-0+50S	20M	.4	1350	17	0	2	4590	.5	1	10	361	850	509
L825W-0+75S	20M	3.1	20000	0	9	9	1580	2.7	24	14	20400	921	1540
L825W-1+00S		.6	34000	0	15	4	667	1.4	5	4	21400	382	535
L825W-1+25S	20M	.4	9950	8	3	1	1870	.4	8	6	11900	965	842
L825W-1+50S	20M	.6	11000	0	3	2	1380	.8	8	5	9010	557	616
L825W-1+75S	20M	.3	41900	0	22	9	2160	6.0	25	18	13000	575	2320
L825W-2+00S	20M	.3	17800	0	8	7	1680	1.4	11	3	25200	963	4100
L825W-2+25S	20M	1.3	38600	0	20	15	876	4.8	15	27	32100	768	2080
L825W-2+50S	20M	.2	1880	13	0	2	769	.0	1	7	481	614	1030
L825W-0+25N	20M	.7	8140	22	3	3	1170	.6	4	6	7450	811	318
L825W-0+50N	20M	.3	2380	12	0	1	3190	.2	2	6	4090	1520	923
L825W-0+75N	20M	.0	1200	15	0	4	5200	.5	1	8	320	1470	673
L825W-1+00N	20M	.0	5910	10	1	10	1950	1.1	5	7	7690	914	766
L825W-1+25N	20M	.8	20000	0	7	6	887	.8	8	6	22100	386	2060
L825W-1+50N	20M	.4	12900	0	4	6	4490	1.3	7	10	11500	632	1450
L825W-1+75N	20M	.4	20400	0	8	9	2530	1.2	7	12	16600	714	766
L825W-2+00N	20M	.0	27200	0	13	14	2240	2.3	15	10	21000	630	1120
L825W-2+25N	20M	.3	7210	13	2	2	2380	.3	9	5	10100	1170	927
L825W-2+50N	20M	.0	12400	0	6	15	2060	1.8	8	7	18600	977	1160
L825W-2+75N	20M	.4	16600	0	5	6	923	1.1	5	4	17800	592	939
L825W-3+00N	20M	.6	7570	12	3	3	1580	.3	4	5	8650	744	686
L825W-3+25N	20M	.7	14200	0	5	2	2380	.5	3	8	9130	591	601
L825W-3+50N	20M	.1	5590	5	0	2	8600	.3	2	6	1560	443	507
L825W-3+75N	40M	.5	27800	3	12	4	836	1.0	10	5	32100	499	827
L825W-4+00N	20M	.7	7190	53	4	1	1270	.7	8	11	14700	486	288

(T VALUES IN PPM)

		MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
L525W-0+00	20M	447	1	82	4	793	31	0	10	1	0	9.3	31
L525W-0+25N	20M	965	3	70	4	782	26	0	25	2	0	39.7	41
L525W-0+50N	20M	476	1	87	1	805	12	0	14	1	0	3.5	55
L525W-0+75N	20M	4070	3	87	10	1660	58	0	32	2	0	38.5	445
L525W-1+00N	20M	8200	5	79	10	2230	124	0	40	2	1	47.1	531
L525W-1+25N	20M	677	3	95	4	958	56	0	24	1	0	17.1	163
L525W-1+50N	20M	739	3	119	4	1200	60	0	26	1	0	17.8	185
L525W-1+75N	20M	6450	5	108	6	1230	173	1	32	1	1	30.9	353
L525W-2+00N		1010	9	65	8	728	155	0	39	3	0	70.0	210
L525W-2+25N	20M	751	3	114	6	810	59	0	26	2	0	38.7	38
L525W-2+50N	20M	574	2	129	7	634	55	0	27	2	0	44.3	29
L525W-2+75N	40M	1210	5	61	6	645	48	1	35	4	0	57.7	42
L525W-3+00N	20M	235	2	78	4	463	35	0	24	2	0	87.6	25
L525W-3+25N	20M	232	1	77	3	545	29	0	21	1	0	53.3	26
L525W-3+50N	20M	496	2	77	6	543	31	1	21	2	0	66.9	36
L525W-3+75N	40M	2010	5	82	10	956	112	0	48	3	0	69.0	181
L525W-4+00N		746	4	75	9	1610	62	0	62	2	0	88.0	128
L525W-4+25N	40M	935	5	84	10	1300	73	1	52	3	0	88.6	162
L525W-4+50N	40M	739	3	88	9	682	49	0	37	2	0	75.2	279
L525W-4+75N	40M	4430	11	86	9	835	96	0	51	3	1	70.4	354
L525W-5+00N	40M	4530	12	81	9	850	108	3	55	3	2	71.1	435
L525W-5+25N	20M	4580	9	79	8	733	92	1	44	2	1	62.5	314
L525W-5+50N	20M	713	4	93	9	397	54	0	50	3	1	68.3	233
L525W-5+75N	20M	700	5	105	12	337	53	0	46	3	1	72.6	219
L525W-6+00N	20M	697	5	93	7	385	51	1	47	3	1	72.4	230
L525W-6+25N	20M	975	6	95	8	550	56	2	51	3	1	70.3	250
L525W-6+50N	20M	1230	7	91	10	517	61	1	51	3	1	73.3	263
L525W-6+75N	20M	2450	4	89	9	550	64	2	29	2	1	56.5	114
L525W-7+00N	40M	2590	5	77	9	716	134	4	47	3	2	80.0	259
L525W-7+25N	40M	2440	4	96	9	815	129	3	41	4	1	74.5	226
L525W-7+50N	40M	2260	4	80	5	614	102	0	31	2	0	58.0	196
L525W-7+75N	20M	1710	3	105	5	1010	72	0	23	1	0	43.4	178
L525W-8+00N		663	4	66	7	470	228	0	39	2	0	88.4	193
L825W-0+00BL	40M	467	2	51	3	225	13	0	7	0	0	34.6	17
L825W-0+25S		41	2	37	2	153	14	0	5	0	0	19.5	35
L825W-0+50S	20M	224	2	115	3	678	13	0	13	0	0	2.3	43
L825W-0+75S	20M	7200	6	99	5	1360	266	0	24	0	0	10.6	328
L825W-1+00S		151	5	59	4	228	45	0	27	1	0	22.6	89
L825W-1+25S	20M	2370	6	75	2	419	105	0	11	0	0	5.7	70
L825W-1+50S	20M	393	3	105	2	687	42	0	13	0	0	9.9	51
L825W-1+75S	20M	6910	4	108	5	1140	174	0	41	0	0	8.8	316
L825W-2+00S	20M	3450	4	73	7	566	42	0	17	1	0	26.8	110
L825W-2+25S	20M	12200	13	71	8	704	49	0	31	1	0	38.6	337
L825W-2+50S	20M	110	2	275	3	453	11	0	16	0	0	1.2	35
L825W-0+25N	20M	641	3	49	2	348	124	0	7	0	0	12.9	69
L825W-0+50N	20M	380	2	150	2	848	21	0	8	0	0	7.5	36
L825W-0+75N	20M	3570	2	115	2	1210	18	0	7	0	0	2.3	34
L825W-1+00N	20M	11500	3	85	2	1380	34	0	8	0	0	7.9	26
L825W-1+25N	20M	1290	3	87	3	614	27	0	19	0	0	53.3	24
L825W-1+50N	20M	2780	3	101	4	1400	47	0	22	0	0	18.9	110
L825W-1+75N	20M	5720	4	97	3	1600	37	0	25	0	0	20.7	43
L825W-2+00N	20M	11900	5	80	6	1670	51	0	26	0	0	24.3	105
L825W-2+25N	20M	2200	3	87	4	927	32	0	12	1	0	6.3	36
L825W-2+50N	20M	17400	4	102	5	1470	43	0	18	0	0	14.6	32
L825W-2+75N	20M	408	3	57	4	389	22	0	16	1	0	43.6	19
L825W-3+00N	20M	306	3	61	2	331	28	0	9	1	0	19.9	23
L825W-3+25N	20M	153	4	123	4	761	18	0	20	1	0	23.1	28
L825W-3+50N	20M	734	2	96	2	568	17	0	24	0	0	3.2	48
L825W-3+75N	40M	674	5	53	6	238	61	0	21	3	0	44.6	106
L825W-4+00N	20M	302	7	45	5	386	38	0	6	1	0	23.0	135

T VALUES IN PPM)		BA	SE	AU-PPB
L525W-0+00	20M	26	0	1
L525W-0+25N	20M	65	1	1
L525W-0+50N	20M	72	1	1
L525W-0+75N	20M	89	1	3
L525W-1+00N	20M	163	1	2
L525W-1+25N	20M	92	1	3
L525W-1+50N	20M	99	1	1
L525W-1+75N	20M	160	1	1
L525W-2+00N		43	0	16
L525W-2+25N	20M	115	1	4
L525W-2+50N	20M	95	1	3
L525W-2+75N	40M	54	1	11
L525W-3+00N	20M	67	0	13
L525W-3+25N	20M	74	1	1
L525W-3+50N	20M	65	1	2
L525W-3+75N	40M	56	0	2
L525W-4+00N		48	0	3
L525W-4+25N	40M	54	0	2
L525W-4+50N	40M	57	0	1
L525W-4+75N	40M	75	1	3
L525W-5+00N	40M	81	1	5
L525W-5+25N	20M	67	1	2
L525W-5+50N	20M	107	1	4
L525W-5+75N	20M	105	1	2
L525W-6+00N	20M	108	1	3
L525W-6+25N	20M	123	1	3
L525W-6+50N	20M	127	1	1
L525W-6+75N	20M	89	1	2
L525W-7+00N	40M	86	0	2
L525W-7+25N	40M	84	1	1
L525W-7+50N	40M	69	0	1
L525W-7+75N	20M	60	0	2
L525W-8+00N		38	0	2
L825W-0+00BL	40M	16	0	1
L825W-0+25S		20	0	3
L825W-0+50S	20M	26	1	1
L825W-0+75S	20M	77	0	1
L825W-1+00S		33	0	4
L825W-1+25S	20M	47	0	17
L825W-1+50S	20M	52	0	1
L825W-1+75S	20M	111	0	5
L825W-2+00S	20M	42	0	2
L825W-2+25S	20M	116	0	3
L825W-2+50S	20M	18	1	3
L825W-0+25N	20M	16	0	6
L825W-0+50N	20M	19	1	2
L825W-0+75N	20M	18	1	1
L825W-1+00N	20M	52	1	3
L825W-1+25N	20M	50	0	3
L825W-1+50N	20M	111	0	1
L825W-1+75N	20M	143	0	2
L825W-2+00N	20M	144	0	1
L825W-2+25N	20M	49	0	4
L825W-2+50N	20M	132	1	3
L825W-2+75N	20M	34	0	1
L825W-3+00N	20M	56	0	2
L825W-3+25N	20M	67	0	2
L825W-3+50N	20M	142	1	1
L825W-3+75N	40M	52	0	8
L825W-4+00N	20M	29	0	14

COMPANY: FALCONBRIDGE LTD. | MIN-EN LABS ICP REPORT | (ACT:GE03B) PAGE 1 OF 3

PROJECT No: 30301-608-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-11696

ATTENTION: K. HUDSON | (604)980-5814 OR (604)988-4524 *TYPE ROCK GEOCHEM* | DATE: OCTOBER 11, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
20423-306	2.1	20900	107	15	12	5980	1.3	16	108	84800	1970	6590
20424-307	.9	37600	0	23	12	15800	3.1	18	14	61200	821	10900
20425-308	1.0	38300	0	26	14	20900	.3	28	91	74000	947	10900
20426-309	.4	27400	26	19	10	23800	1.7	24	40	51200	1790	17800
20427-313	1.0	25400	0	18	15	24100	.0	32	23	73100	1760	12600
20428-314	406.2	24700	405	31	1300	12500	34.4	265	75400	237000	244	8920
20429-315	1.7	20200	13	16	13	13200	1.3	16	277	61600	2340	5840
20430-317	6.0	13700	33	12	22	995	1.1	10	798	41100	4370	4100
20431-318	.8	5320	39	6	4	1400	.7	13	27	45800	2650	645
20432-320	.7	21000	7	13	7	828	1.5	7	140	24900	1930	12200
20433-321	.0	11100	12	6	0	879	.2	4	19	15900	1090	5750
20434-316B	2.0	20100	0	17	22	34300	.0	34	48	117000	1350	12000
20435-322	68.1	31600	725	32	368	1700	8.3	227	20700	219000	365	13200
20436-323	2.3	31400	8	24	22	25300	2.6	28	723	52600	2440	16100
20437-324	.6	12600	14	12	8	13300	1.6	15	106	38600	2720	6310
20438-325	1.4	17400	23	17	7	5500	5.2	20	38	50800	3660	8240
20439-326	1.1	45700	0	31	19	12500	3.6	28	183	83500	1770	17900

/ No: 30301-608-100 | 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE No: 4-11696

/ION: K. HUDSON | (604)980-5814 OR (604)988-4524 *TYPE ROCK GEOCHEM* | DATE: OCTOBER 11, 1984

ORT VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
20423-306	1340	2	234	7	634	93	0	28	2	1	89.1	193
20424-307	1250	2	2230	8	920	20	0	70	0	2	53.3	176
20425-308	860	0	1760	14	349	27	0	80	0	2	155.2	24
20426-309	2440	2	437	29	1110	50	0	46	4	2	86.1	72
20427-313	1170	0	379	6	624	13	0	34	0	1	119.0	60
20428-314	5210	54	53	83	1730	305	134	37	2	2	69.7	3560
20429-315	1020	3	292	6	1010	38	1	34	4	2	14.0	80
20430-317	713	2	158	4	643	73	0	13	2	1	17.2	232
20431-318	72	5	66	5	604	51	0	8	2	1	5.8	52
20432-320	1180	2	316	6	264	32	0	23	2	1	18.2	90
20433-321	498	1	415	3	235	15	0	13	1	1	7.1	55
20434-316B	1640	0	369	2	1980	18	0	28	0	1	157.6	131
20435-322	6730	5	20	56	341	191	46	40	6	2	157.3	1360
20436-323	2830	3	562	32	1050	47	3	63	4	3	131.0	119
20437-324	2810	2	94	8	1120	46	0	19	3	2	16.8	352
20438-325	1340	3	162	9	1180	428	2	23	4	2	24.5	831
20439-326	4210	3	1650	18	1090	56	0	118	2	4	205.3	343

JOB No: 30301-608-100
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
ATTN: K. HUDSON
(604)980-5814 OR (604)988-4524

FILE No: 4-11696
TYPE ROCK GEOCHEM DATE: OCTOBER 11, 1984

(PORT VALUES IN PPM)	BA	SE	HG-PPB	AU-PPB
20423-306	52	0	120	21
20424-307	20	0	20	38
20425-308	44	0	10	7
20426-309	68	0	25	4
20427-313	62	0	20	1
20428-314	53	0	430	495
20429-315	233	0	30	3
20430-317	152	0	135	6
20431-318	85	0	20	8
20432-320	113	0	60	5
20433-321	38	0	25	2
20434-316B	52	0	10	27
20435-322	88	0	60	230
20436-323	66	0	25	2
20437-324	93	0	20	3
20438-325	118	1	80	2
20439-326	110	0	35	1

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
112	.0	12700	0	14	2	171000	.0	8	2	32500	1670	7870
13	1.1	23100	0	23	6	17500	.0	24	28	104000	468	13000
229	1.0	14400	9	19	4	6960	.0	18	45	49600	3560	8200
232	.1	23000	0	24	4	6210	.0	16	16	46000	3190	11700
233	.9	8410	117	15	3	2520	4.1	11	19	54200	4260	1380

30301-608-100 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE No: 4-934R

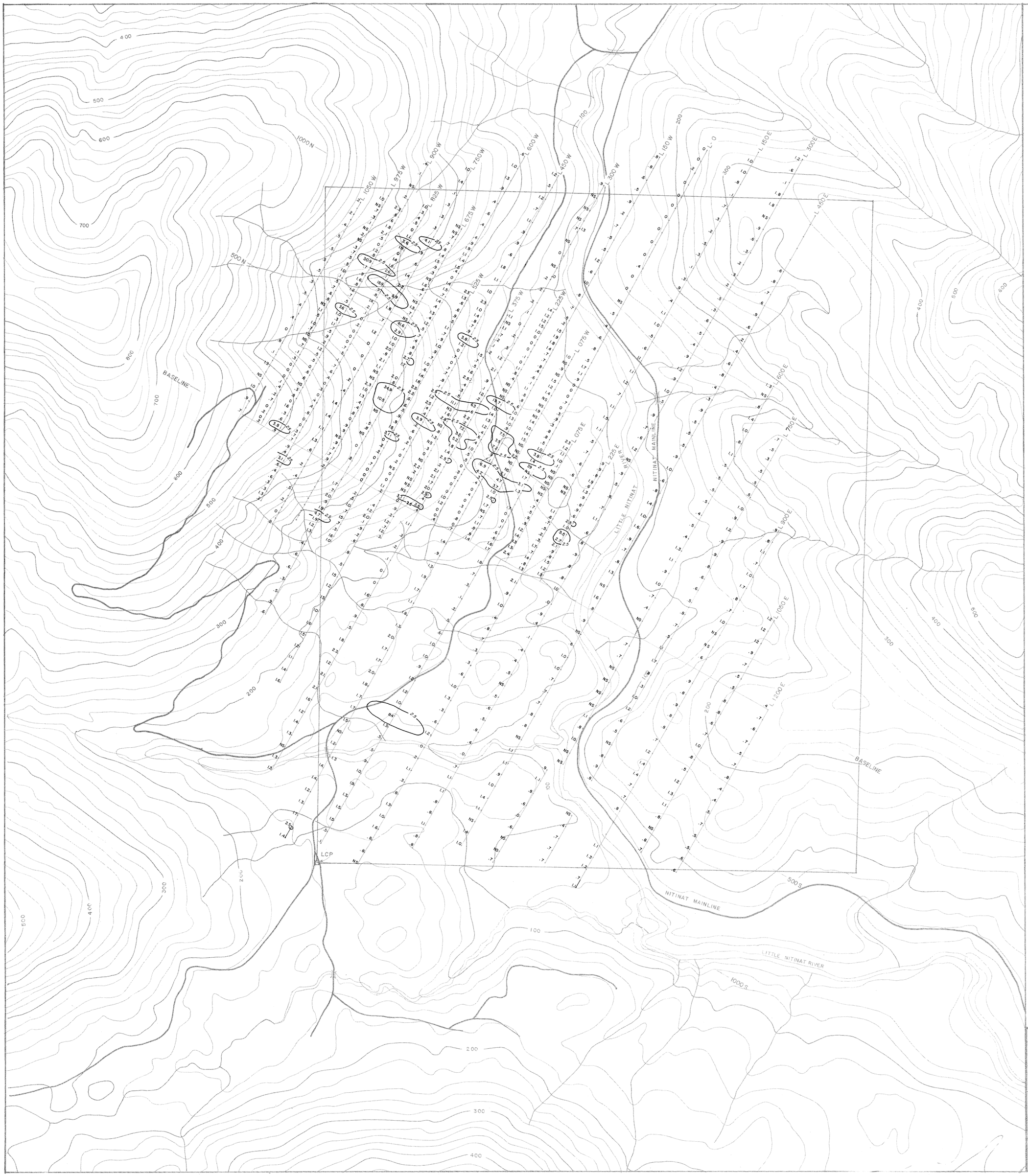
...: T. CHANDLER/K. HUDSON (604)980-5814 OR (604)988-4524 *TYPE ROCK GEOCHEM* DATE: SEPTEMBER 7, 1984

...T VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
112	190	0	525	1	668	7	5	175	0	2	25.7	9
13	782	0	637	0	1250	0	0	18	0	4	104.5	12
229	386	1	224	0	900	464	12	23	5	4	38.1	46
232	2680	1	207	0	1100	39	14	33	1	5	52.5	108
233	85	2	77	0	702	96	12	13	9	3	16.5	699

30301-608-100 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE No: 4-934R

M: T. CHANDLER/K. HUDSON (604)980-5814 OR (604)988-4524 *TYPE ROCK GEOCHEM* DATE: SEPTEMBER 7, 1984

NT VALUES IN PPM)	BA	SE	AU-PPB	HG-PPB
112	25	0	6	15
13	28	0	10	25
229	154	0	11	40
232	97	0	7	20
233	135	0	35	60


N
BASELINE
NITINAT MAINLINE
LITTLE NITINAT RIVER
LCP
500 N
1000 N
500 S
1000 S
L 1050 W
L 975 W
L 900 W
L 825 W
L 750 W
L 675 W
L 600 W
L 525 W
L 450 W
L 375 W
L 300 W
L 225 W
L 150 W
L 075 W
L 0
L 150 E
L 225 E
L 300 E
L 450 E
L 600 E
L 750 E
L 900 E
L 1050 E
L 1200 E
Anomaly Threshold Level
> 2.5 ppm
GEOLOGICAL BRANCH
ASSESSMENT REPORT
13,706
SCALE: 1 : 5 000
FALCONBRIDGE LIMITED
PROPERTY: Ni Claims
LOCATION: Port Alberni M.D.
TYPE OF MAP: Soil Geochemistry Ag in ppm
WORKING PLACE: Vancouver Island B.C.
BASED ON: Contract sampling: Bill Chase & Assoc.
DATE OF WORK: Aug.84
DRAWN BY: Ines Tomscak
DATE: October 1984
MAP REF. NO.:
N.T.S. NO.: 92 C/15
FIG. NO.: 8

N

LEGEND:

Station direction

Station - Seattle Wash. 24.8 KHz
Co-ordinates 121° W - 48° N 12'
Kw - 125

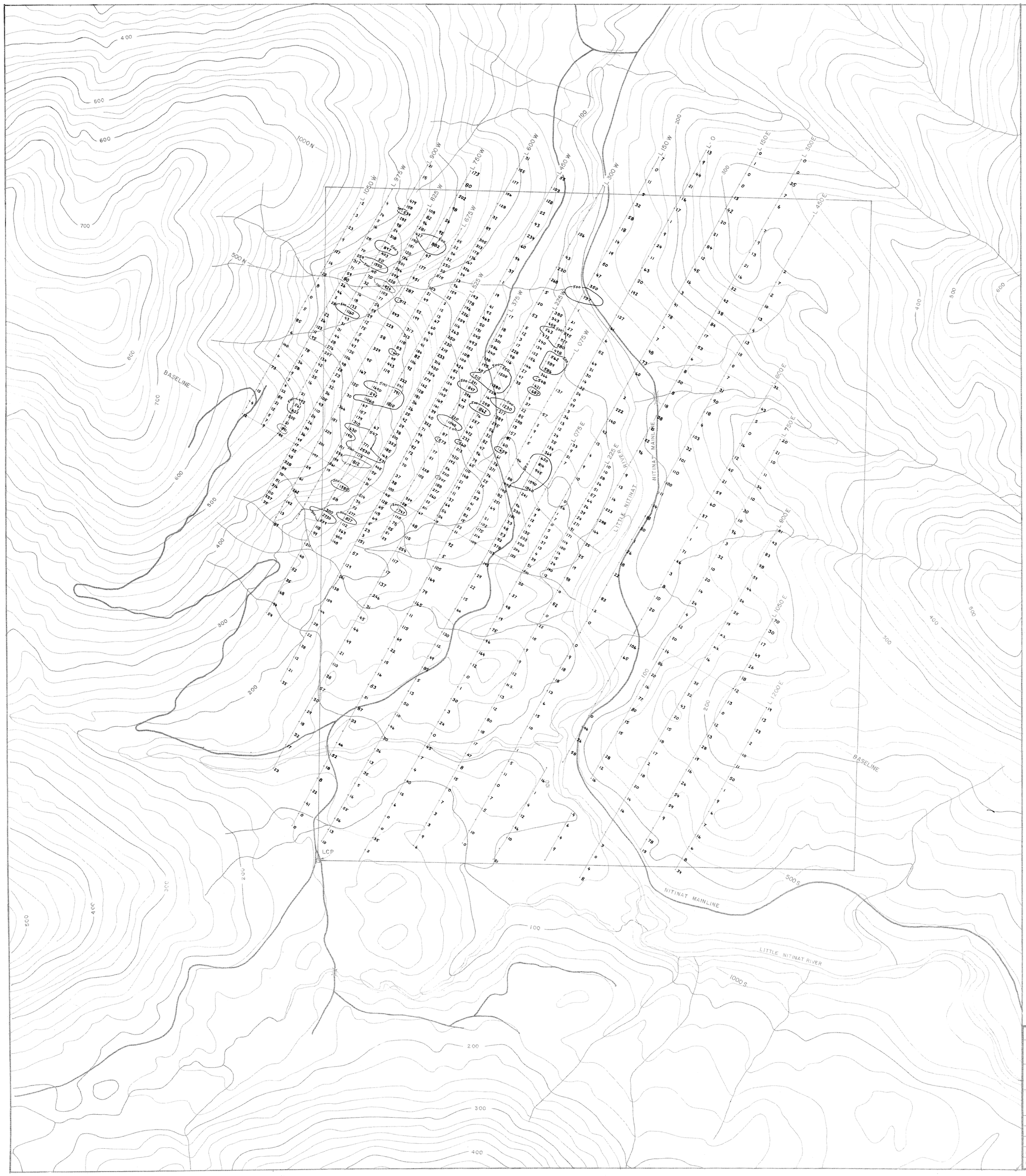
Contour Interval in 20's

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,706

100 0 100 200 300
SCALE: 1 : 5 000

FALCONBRIDGE LIMITED	
PROPERTY: Ni Claims	
LOCATION: Port Alberni M.D.	
TYPE OF MAP: VLF - Fraser Filter	
WORKING PLACE: Vancouver Island B.C.	
BASED ON: Field work by A.McArthur	
DATE OF WORK: Aug.84	MAP REF. NO.:
DRAWN BY: Ines Tomecek	FIG. NO.: 11
DATE: October 1984	N.T.S. NO.: 92 C/15



Anomaly Threshold Level

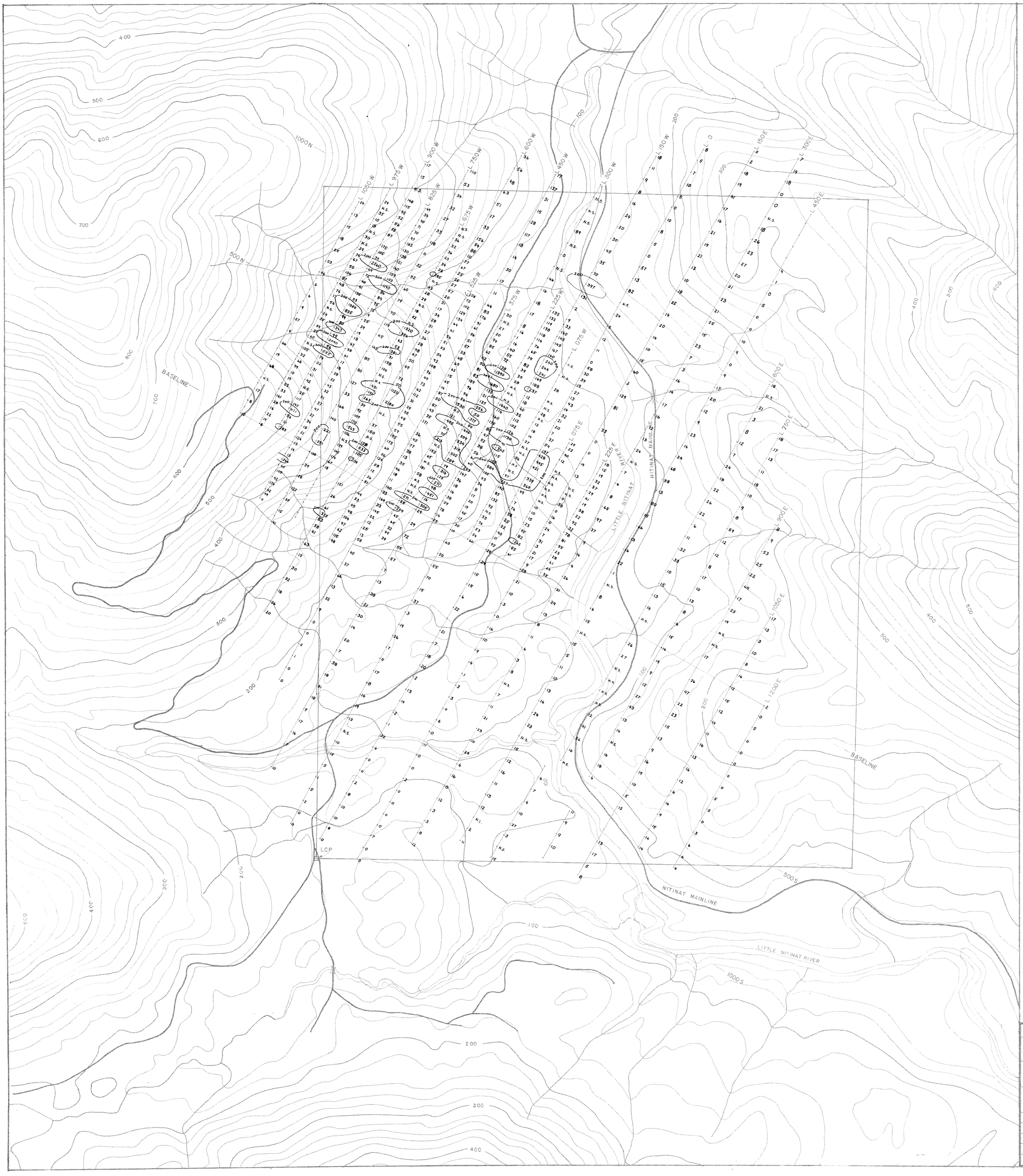
> 500 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,706

SCALE: 1: 5 000

FALCONBRIDGE LIMITED	
PROPERTY: Ni Claims	
LOCATION: Port Alberni M.D.	
TYPE OF MAP: **Soil Geochemistry Zn in ppm**	
WORKING PLACE: **Vancouver Island B.C.**	
BASED ON: **Contract sampling: Bill Chase& Assoc.**	
DATE OF WORK: **Aug.84**	MAP REF. NO.:
DRAWN BY: Ines Tomecek	FIG. NO. **9**
DATE: October 1984	N.T.S. NO.: 92 C/15



N

Anomaly Threshold Level

> 200 ppm

100 0 100 200 300
SCALE: 1:5 000

FALCONBRIDGE LIMITED

PROPERTY: Ni Claims

LOCATION: Port Alberni M.D.

TYPE OF MAP: **Soil Geochemistry Pb in ppm**

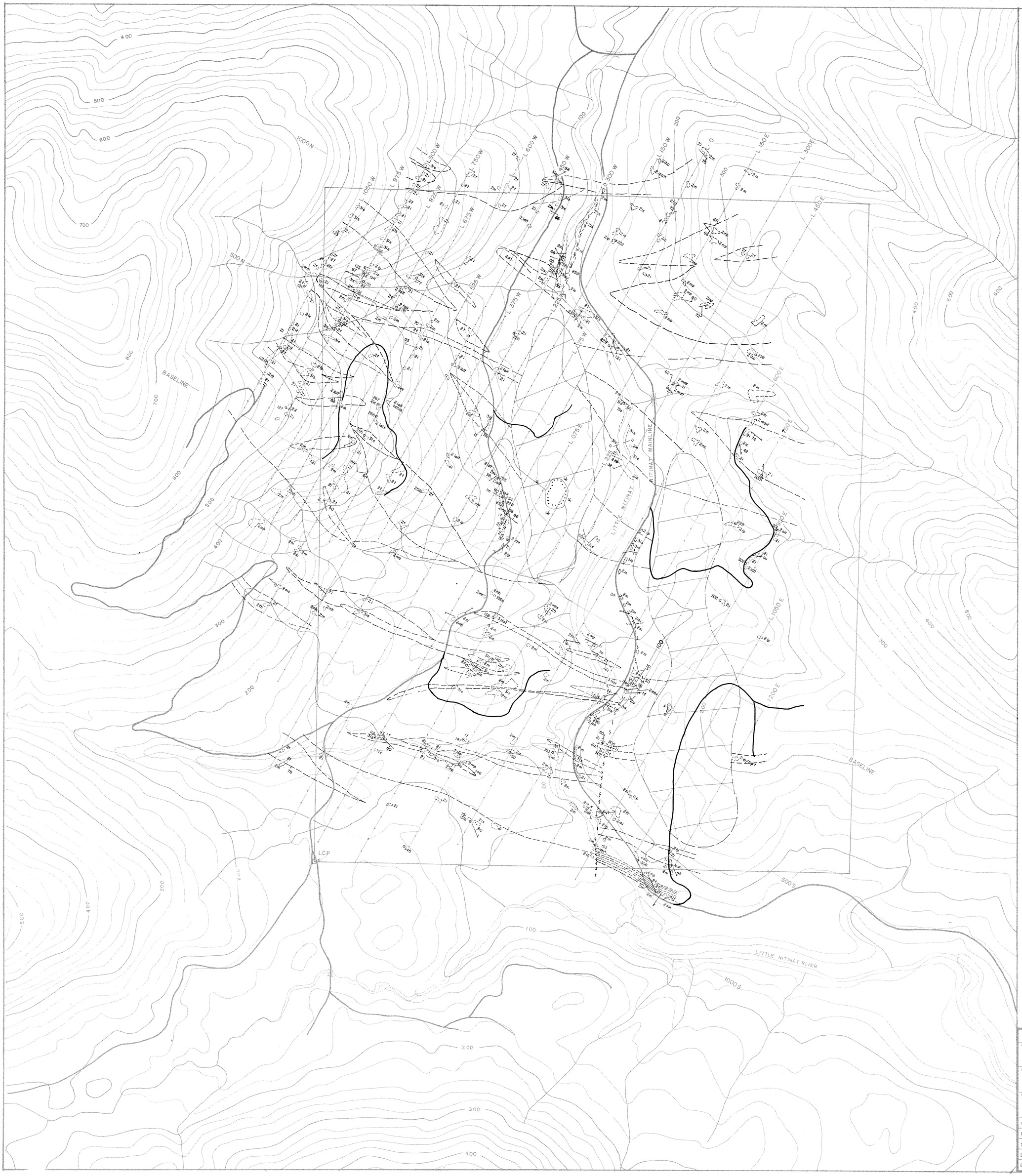
WORKING PLACE: Vancouver Island B.C.

BASED ON: Contract sampling: Bill Chase& Assoc.

DATE OF WORK: Aug.84 | MAP REF. NO.: | FIG. NO.: 7

DRAWN BY: Ines Tomecek

DATE: October 1984 | N.T.S. NO.: 92 C/15



N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,706

LEGEND

Symbols

- Mafic tuffs and flows (2m)
- Intermediate tuffs and flows (2i)
- Silicified intermediate volcanics (2is)
- Felsic tuff (2f)
- Felsic volcanic tuffs and flows (2f)
- Limestone (31s)
- Marble (31m)
- Diorite sill (2dp)
- Intrusive dykes
- Thick unsorted overburden

Symbols

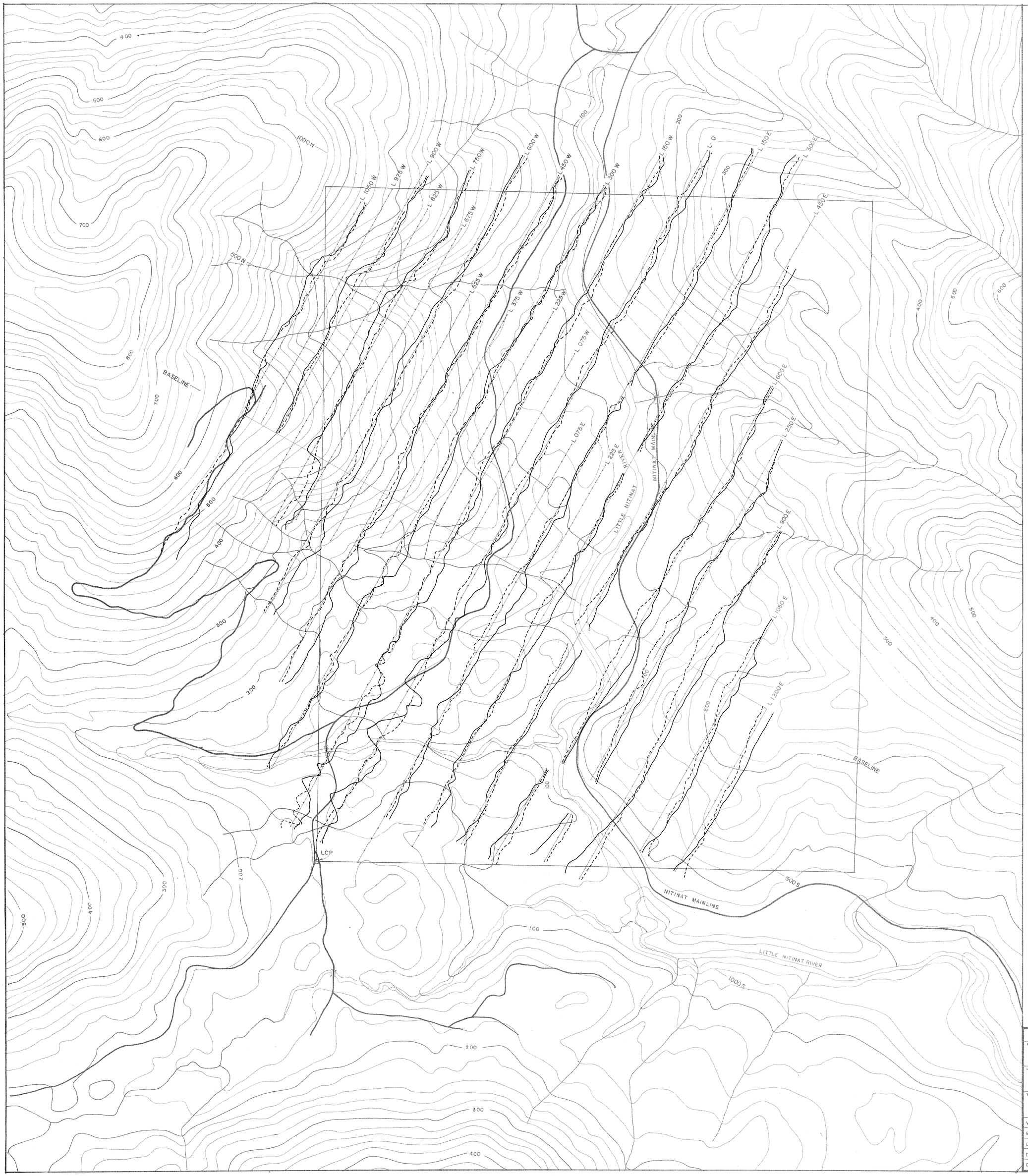
- Mineralized
- Argillically altered zones
- Faults
- Shear
- Fracture
- Bedding
- Approximate contacts
- o 17 rock sample locations

p – porphyritic
c – chloritized
e – epidotized
v – vesicular
bx – brecciated
s – silica enriched
h – hematized
m – mafic composition
i – intermediate composition
f – felsic composition

100 0 100 200 300
SCALE: 1: 5 000

FALCONBRIDGE LIMITED

PROPERTY:	
Ni Claims	100
LOCATION: Port Alberni M.D.	
TYPE OF MAP: Geological Map	
WORKING PLACE: Vancouver Island, B.C.	
BASED ON: FIELD WORK BY K HUDSON & D.O'NEIL	
DATE OF WORK: Aug. 84	MAP REF. NO.:
DRAWN BY: Ines Tomecek	FIG. NO.: 3
DATE: October 1984	N.T.S. NO.: 92 C/15



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,706

FALCONBRIDGE LIMITED	
PROPERTY: Ni Claims	
LOCATION: Port Alberni M.D.	
TYPE OF MAP: Profile of Inphase & Quad VLF-EM 16	
WORKING PLACE: Vancouver Island B.C.	
BASED ON: Field work by A.McArthur	
DATE OF WORK: Aug.84	MAP REF. NO.:
DRAWN BY: Ines Tomecek	FIG. NO.: 10
DATE: October 1984	N.T.S. NO.: 92 C/15