Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
Geological + Geochemical	$202,588.94

AUTHOR(S) D. RUSSELL BARNES SIGNATURE(S) D. Russell Barnes

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED Nov. 30/89 YEAR OF WORK 89

PROPERTY NAME(S) Foremore

COMMODITIES PRESENT Au

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

MINING DIVISION Liard NTS 104 G/2

LATITUDE 57° 02' LONGITUDE 130° 54'

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

Fore 1-19, More 1-4
Fore 20-23

OWNER(S)

(1) Cominco Ltd (2)

MAILING ADDRESS

700-409 Granville St.
Vancouver

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

(1) (2)

MAILING ADDRESS

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

Mapping indicates that the property is underlain by a sequence of foliated felsic volcanic breccias and tuffs, greenstones (andesite fragmentals) limestone breccia or sharpstone conglomerate, hematite schists and pyroclastics. This sequence is overlain by a thick section of massive bedded dark green andesite in turn overlain by undifferentiated volcanics and a thick limestone. The rock units generally trend northwesterly with moderate to steep dips to the southwest.

REFERENCES TO PREVIOUS WORK

(over)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground	1:20,000 1:5000	Fore 1-6, 10, 12, 14 More 2	
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ....)			
Soil	154	Fore 1-6, 10, 12, 14 More 2	
Silt	14		
Rock	242		
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)			
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
		TOTAL COST	202,588.94

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted .... Date	Rept. No.			Information Class

COMINCO LTD

EXPLORATION

WESTERN CANADA

NTS: 104G/2 & 3

1 November 1989

ASSESSMENT REPORT

GEOLOGICAL - GEOCHEMICAL REPORT

FOREMORE GROUP

LIARD MINING DISTRICT

LATITUDE: $57^{\circ}02'$N LONGITUDE: $130^{\circ}54'$W

WORK PERFORMED

JUNE - SEPTEMBER, 1989

REPORT BY:

D.R. BARNES

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COMINCO LTD

EXPLORATION | WESTERN CANADA

NTS: 104G/2, 104G/3 | 1 November 1989

ASSESSMENT REPORT - FOREMORE GROUP

SUMMARY

In August of 1989 two full size claims (Fore 20 and Fore 21) and one 15 unit (Fore 22) claim were added to the north of Fore 1, 4 and 5 to acquire previously held ground that had lapsed. The claim block presently consists of 515 units and covers an area of approximate size 18 km east-west and 10 km north-south.

Prospecting in the north edge of the south terminal and lateral moraine (on Fore 2 and 3 claims) has located 828 mineralized boulders ranging in size from <10 cm up to 2.8 m in diameter and located over a strike length of 2.2 km. The areal distribution of the boulders would suggest that the source is to the west-northwest under the main ice sheet of More glacier.

Textures within the mineralized boulders range from medium banding to swirled fine wispy laminations and banding around limestone breccia, carbonated fragmental (volcanoclastics?) siliceous fragments and tuffaceous material. Mineralization consists of very fine grained pyrite, barite and carbonate breccia with variable amount of light grey to yellow-brown sphalerite, minor galena and tetrahedrite. Sampling of 112 boulders in the South Boulder Field gave the following results: nil to 2800 ppb Au, trace to 9.19 oz/t Ag, trace to 19% Zn, trace to 6.5% Pb, trace to 30.7% Ba and nil to 1.17% Cu. The numerical average of the Ag, Pb and Zn assays gave the following results: 2.3 oz/t Ag, 1.0% Pb, 6.2% Zn, with the sulphide boulders averaging 23% Fe and 3.5% Ba.

To the east on Fore 16, 17 and 18 located in a moraine to the north of the Foremore east glacier ten mineralized boulders were located in the east boulder field. Sampling of the east boulder field gave the following results: nil Au, trace to 5.8 g/t Ag, trace Pb, trace to 11.9% Zn, 0.2% to 0.9% Cu.

In June 1989 an exploration grid was established on the Foremore east glacier, south of the east boulder field, with UTEM and MAG surveys being conducted. The survey did not detect any UTEM conductors, and a weak MAG feature was located in the northeast corner. Geological mapping adjacent to the ice sheet has located undifferentiated volcanics (unit 5), in areas of silicified and coarse grained, epidotized granodiorite.

To the north of camp, approximately 2.0 km (L32W/51N), two styles of boulder mineralization were found. Chalcopyrite rich quartz vein boulders and to the northeast (200 m) boulders of altered, sheared felsic tuff mineralized with pyrite, galena, sphalerite and minor chalcopyrite. Eight boulders of the altered felsic material returned results of: 0.12 oz/t Au, 58 g/t Ag, 0.17% Cu, 1.7% Pb and 7.6% Zn.

To the northwest on the Foremore property, on More 1 and Fore 20, 41 mineralized boulders were located in the north boulder field. Sampling analysis of 29 sphalerite rich boulders averaged: 1.0 g/t Au, 96 g/t Ag, 0.22% Cu, 3.5% Pb, 10.2% Zn and 16% Fe. Twelve chalcopyrite rich boulders yielded average grades of: 1.5 g/t Au, 186 g/t Ag, 2.3% Cu, 0.5% Pb, 6.2% Zn and 16% Fe.

In September 1989 a geologic grid was established over the North Zone. Mapping and prospecting located finely laminated galena and sphalerite in felsic (quartz eye) volcanics and pyrite within the volcanics and graphitic/carbonaceous argillaceous phyllites. Outcrop sampling in the North Zone averaged 87 ppb Au, 8 g/t Ag, 0.1% Cu, 0.3% Pb and 2.7% Zn over an average sample width of 0.4 m.

The 1989 geological and geophysical programs on the Foremore property have defined the North Zone as an area of favourable rocks, Stikine assemblage, to host the mineralization found within the north and south boulder fields. Extrapolating the geology under the main ice sheet, More glacier, correlates with a zone of multiple UTEM conductors found during the Phase I geophysical program.

It is recommended that a continuation of detailed structural geological mapping be continued in the North Zone area and around the toe of the glacier on More 1, 2 and 3. Geophysical programs should be continued to the south, up the main ice sheet on More 2 and Fore 11. A core drilling phase will proceed to test the existing geophysical anomalies located on the western part of the North Zone area.

INTRODUCTION

This report describes development work on the Foremore Group of 26 claims (515 units) situated within the Liard Mining Division of B.C. During 1989 the exploration program consisted of detailed prospecting, regional and detailed geological mapping, rock and boulder sampling, contour soil sampling, silt sampling and an extensive geophysical program, performed by Cominco Ltd.

PROPERTY

The Foremore group comprises 515 units in 26 contiguous claims located by perimeter staking.

Claims	No. of Units	Record No.	Recorded	Assessment Work Due
More 1	20	4400	December 1, 1987	December 1, 1993
2	20	4401	December 1, 1987	December 1, 1993
3	20	4402	December 1, 1987	December 1, 1993
4	20	4403	December 1, 1987	December 1, 1993
Fore 1	20	4404	December 1, 1987	December 1, 1993
2	20	4405	December 1, 1987	December 1, 1993
3	20	4406	December 1, 1987	December 1, 1993
4	20	4407	December 1, 1987	December 1, 1993
5	20	4604	June 3, 1988	June 3, 1993
6	20	4605	June 3, 1988	June 3, 1993
7	20	4606	June 3, 1988	June 3, 1993
8	20	4606	June 3, 1988	June 3, 1993
9	20	4608	June 3, 1988	June 3, 1993
10	20	4609	June 3, 1988	June 3, 1993
11	20	4610	June 3, 1988	June 3, 1993
12	20	5349	September 25,1988	September 25, 1993
13	20	5350	September 25,1988	September 25, 1993
14	20	5351	September 25,1988	September 25, 1993
15	20	5352	September 25,1988	September 25, 1993
16	20	5353	September 26,1988	September 25, 1993
17	20	5354	September 26,1988	September 25, 1993
18	20	5355	September 26,1988	September 25, 1993
19	20	5356	September 26,1988	September 25, 1993
20	20	6237	August 23,1989	August 23, 1990
21	20	6238	August 23,1989	August 23, 1990
22	15	6239	August 23,1989	August 23, 1990

Note: Assessment credits for work reported herein and in the Geophysical Report shall extend these dates.

OWNERSHIP

The Foremore group of 26 claims (515 units) is 100% owned by Cominco Ltd, 700-409 Granville Street, Vancouver, B.C., V6C 1T2.

LOCATION AND ACCESS (refer to Fig. 1)

The Foremore group is located within the Liard Mining Division at Latitude 57°02'N and Longitude 130°54'W to 131°02'W, (NTS Sheets 104G/2 and 104G/3). The claims are situated on a divide covering headwaters of easterly and southerly flowing branches of More Creek. The area is above timberline and is 50% covered

Drawn by:		Traced by:	
Revised by	Date	Revised by	Date

LOCATION MAP
FOREMORE GROUP

Scale: *1 inch : 84 miles*	Date: *Nov. 2, 1989*	Figure: *1*

by glaciers or permanent snowfields. A small amount of scrub timber occurs on gravel flats near the headwaters of the west branch of More Creek. Access to the property is by helicopter from air strips at Bronson Creek (45 km), Forrest Kerr (13 km) and emergency strips at Bob Quin (40 km) and Burrage (50 km).

During the 1989 program a camp was established on the Fore 3 claim at the toe of the main glacier at elevation 3400'. The camp was supported by helicopter from the Forrest Kerr airstrip and supplies were expedited from Smithers by fixed-wing aircraft via the Forrest Kerr strip.

HISTORY AND DEVELOPMENT

In September 1987 helicopter reconnaissance in the headwaters of south flowing and westerly flowing branches of More Creek located mineralized boulders in terminal and lateral glacial moraines.

In December 1987 the Foremore group of eight claims were located over these occurrences and in June of 1988 seven additional claims were added to fill in the area between the two claim blocks.

In July 1988 preliminary geological mapping, prospecting and sampling were done in the area of the gold bearing quartz float and the south boulder areas. This work located the probable source of the gold bearing quartz veins, and located an extensive field of pyrite-barite and silver-zinc-lead bearing sulphide boulders. An additional eight claims were added to the east to cover areas of mineralized float.

In late September 1988 a limited program of ground geophysics (HLEM) was attempted in the south boulder field. The results of this preliminary survey did not indicate any significant conductors in the area surveyed.

In 1989, between June and September, detailed and regional geological mapping, prospecting and sampling were conducted. The south boulder field was prospected and mapped in detail, and upwards of 800 mineralized boulders were located.

On Foremore East 2, 1988 and 1989 prospecting located mineralized float in the east boulder field. In July 1989 a geophysical grid was established on the glacier to the south of the east boulder field. Ground geophysics (UTEM & Mag) located a weak mag feature. Between July and mid-September a large area of the Foremore was covered by a two phase geophysical program covering the main ice sheet, south boulder field and west side of Bear Valley.

In August and September 1989 regional geological mapping of the Foremore property established a detailed stratigraphic section for the property and favourable host rocks related to the mineralized boulders.

In August 1989 three new claims Fore 20, Fore 21 and Fore 22 were added to cover favourable geology north of Fore 1, 4 and 5.

In September 1989 detailed geologic mapping was completed over the North Zone and in the area of the North boulder field.

GEOLOGY

Regional (refer to Plate 1)

The Stikine assemblage in the western Mess Creek area consists of variably altered, deformed, metamorphosed and mineralized schists, phyllites, limestones and greenstones. Original lithologies were mafic pyroclastics and epiclastics, felsic volcanic breccias and tuffs, graphitic argillaceous sediments and gabbroic sills (P.M. Holbeck-1988; paper presented at Smithers Conference).

The Hickman batholith of Triassic-Jurassic age lies to the north. Other small plutons of quartz-monzonite-granodiorite are likely related to the same intrusive event. Numerous northwest trending faults of unknown offset transect the area. Holbek (1988) recognized four phases of folding within Stikine Assemblage rocks to the north of the Foremore property. In the Galore Creek area to the west, Logan and Koyanagi (1989) tentatively recognized three phases of deformation for Stikine Assemblage rocks and one phase for Upper Triassic and Younger strata.

J.M. Logan and V.M. Koyanagi (British Columbia Ministry of Energy, Mines and Petroleum Resources) conducted regional geological mapping south of the Foremore property in 1989. The north edge of their 1989 map sheet adjoins the south Foremore claim boundary. A proposed 1990 regional BCMEMPR geological mapping program will include the Foremore property area.

Units of the Paleozoic stratigraphy are favourable hosts for volcanogenic massive sulphide deposits. Holbeck (1988) noted small stratiform lenses of massive sulphides and pyroclastic sulphide fragments in Paleozoic felsic fragmental rocks in the Mess Creek area north of the Foremore property.

Property (refer to Plates 3,6 and 7)

Regional geological mapping, (at 1:20,000), of the Foremore property indicates that the oldest package of rocks is the Stikine Assemblage of probable Devonian age (Units 1 and 2). They are located to the northwest of the property and are complexly deformed, folded and faulted. The oldest rocks of the Stikine Assemblage, on the property, are universally well foliated, phyllitic to schistose volcanics, commonly with well developed crenulations and a crenulation cleavage. These are felsic to mafic intermixed and interfolded phyllites and schists with minor limestone lenses. This package of rocks is the most favourable for hosting the mineralization observed in the south and north boulder fields. Felsic (quartz eye) volcanics contain disseminated to laminated pyrite, sphalerite and galena mineralization in outcrop.

A thick package of volcanic tuffs, flows, flow breccias, pillowed flows, variably thick limestone and limestone lenses and minor volcaniclastics, (Units 3,4 and 5) overlie the phyllitic to schistose volcanics. The middle package of rocks (Units 3,4 and 5), Stikine Assemblage of Mississippian to Permian(?) in age, are defined and characterized on the property by:

6.

(i) a weak to well developed penetrative foliation ($So=S_1$, as observed in well bedded sequences). Continuous, conformable volcanic members exhibit very different degrees of foliation development over distances of a few meters.

(ii) intercalated and intermixed relationships between flows and tuffs, with tuffaceous beds often found within good flows.

(iii) compositionally the rocks are dominated by intermediate to mafic volcanics. Felsic tuffs are present in lesser amounts, predominantly on the west side of Bear Valley.

(iv) irregularly dispersed in the tuffs are discontinuous lenses and beds of limestone and occasionally argillaceous beds. Two types of limestone are found: crinoidal white to light green coloured and medium to dark grey with argillic and tuffaceous laminations and thin interbeds. These two types of limestone are found within the same volcanic sequences, thus the Mississippian limestone is not solely defined by the presence of crinoids.

(v) Differential (calcareous) weathering tuffs and flow breccias, locally common.

The contact of the oldest and middle packages trends northeast-southwest with a shallow to moderate southeasterly dip. The contact is most likely an unconformity based on a change in the general foliation trends from northeast with moderate dips to the southeast and strongly foliated (Devonian, Units 1 and 2), to northwest with moderate dips to the southwest and moderately foliated (Mississippian/Permian(?), Units 3,4 and 5). The Mississippian package of Paleozoic rocks covers the majority of the Foremore property.

Unconformably overlying this sequence is a well bedded sequence of tuffs and minor volcaniclastics, of probable Triassic age (Unit 6), of the Stuhini group. The youngest package of rocks on the property are defined and characterized as:

(i) well bedded, non-folded tuffaceous sequences
(ii) weakly foliated to non-foliated
(iii) general composition of dacitic to mafic volcanic tuffs
(iv) a diagnostic, massive, medium to dark green coloured, pyroxene (augite?) and feldspar crystal tuff.

This sequence generally trends southeast, the same as the thick bedded volcanics but it is non-foliated to weakly foliated and has opposing dips to the underlying package. Generally this youngest package (Unit 6) occurs on the higher peaks in the central, south central and eastern areas of the Foremore property.

On the Foremore property the rocks are locally intruded by post Triassic dykes, sills and plugs. To the west is a granodiorite plug (approximately 1.0 km by 0.6 km), that has intruded the Devonian package (Units 1 and 2) of black argillaceous phyllites, chloritic phyllites and felsic to intermediate volcanics. North of camp, on the eastern edge of More-Side glacier is a small (0.2 by 0.4 km) monzodiorite plug and syenodiorite sill, (approximately 30 m in width), which has intruded the Mississippian/Permian(?) and Triassic(?) rocks.

Lithologies observed on the Foremore property are summarized as follows:

POST TRIASSIC INTRUSIVES

11 Basalt dykes - vesicular, weakly magnetic
10 Lamprophyre dykes - micaceous
9 Diorite - fine to medium grained, dark green coloured
8 Granodiorite - medium grained, +/- epidote altered
7 Syenodiorite to Monzodiorite
7a areas flooded with plagioclase & potassic feldspar, small veinlets and vein swarms with host rock alteration. Salmon pink feldspar and chloritized mafics
7b Dykes, sills and plugs
Light pink to orange coloured

TRIASSIC?

6 Undifferentiated pyroclastics - massive, thick bedded tuffs
6a Ash to lapilli tuffs - thin bedded, careous weathered, minor volcaniclastics
6b Crystal tuff - feldspar & pyroxene (augite), massive, medium to dark green
6c Dacitic tuff - massive
6d Volcanic conglomerate - green & maroon clasts, subangular to well rounded commonly clast supported (2 cm to 50 cm diameter clasts)

PALEOZOIC

PERMIAN/MISSISSIPPIAN?

5 Undifferentiated volcanics - massive to weakly foliated, medium to dark green coloured, occasional mafic phenocrysts and crystals.
5a Ash, crystal and lapilli tuffs - thick bedded, medium to dark green/grey, weak to well foliated, commonly careous weathered.
5b Andesite to basalt, flow breccias, pillowed flows, massive flows and swirled flows - flow breccia, commonly careous weathered bombs, dark green-grey. Swirled flows, dark green and purple.
5c Pyroxene & feldspar porphyritic flows - massive to weakly foliated, phenocrysts 2-6 mm, pervasively epidotized.
5d Felsic tuffs - white to light green coloured, ash to lapilli size; moderately to well foliated.
5e Dust & ash tuffs - light to medium green, thin bedded, weak foliation parallel bedding.

4a Limestone +/- chert, argillite and tuff - medium to dark grey interbedded with tuffs
4b Crinoidal limestone - white to light green, well preserved crinoids
4c Carbonaceous argillite, cherty argillite and chert pebble conglomerate

3a Swirled green & maroon tuff & flow breccia - well foliated, wavy foliation around fragments and bombs
3b Swirled green & maroon tuff & flow breccia - weakly foliated

DEVONIAN?

2 Undifferentiated phyllitic to schistose volcanics
2a Felsic tuffs - well foliated, ash to lapilli. Locally thin bands pyrite, sphalerite, galena & chalcopyrite
2b Intermediate to mafic volcanics - moderately to well foliated, careous weathering
2c Limestone - +/- crinoids

1a Black siliceous phyllite - +/- cherty bands, minor black quartzite. Locally pyritic, minor marcasite
1b Grey to black argillaceous phyllite - +/- carbonaceous. Laminated, blebby and disseminated pyrite
1c Maroon phyllite
1d Silver to buff phyllite. Locally minor pyrite, sphalerite & galena.
1e Chloritic phyllite/schist - light green coloured
1f Quartz-sericite-schist - white, light yellow coloured, talc, +/- quartz eyes
1g White ash phyllite - talc, +/- quartz eyes Minor pyrite, sphalerite, galena

(a) Stratigraphy (Refer to Figures 2 and 3)

A stratigraphic column for Stikine Assemblage rocks, located approximately 10 miles to the north of the Foremore property, was established by Holbek (1988), for the Upper Mess Creek area (Figure 2).

Regional geological mapping on the Foremore claim group in 1989 has established a stratigraphic column specific to the Foremore property (Figure 3). Three age packages containing 6 units have been defined with the location of individual members within units uncertain due to intermixed relationships and complex structure. The oldest package of rocks, (Units 1 and 2) of Devonian(?) age, are complexly folded and faulted, intermixed phyllites and schists of felsic to mafic composition. A chloritic phyllite (1e), silver to buff phyllite (1d), maroon phyllite (1c) and grey to black argillaceous phyllite are inferred to be the oldest lithologies on the property, though this sequence of stratigraphy is presently uncertain. Within this sequence are quartz-sericite-schist (1f), white ash phyllite (1g), minor limestone (2c), intermediate to mafic volcanics (2b) and well foliated felsic tuffs (2a).

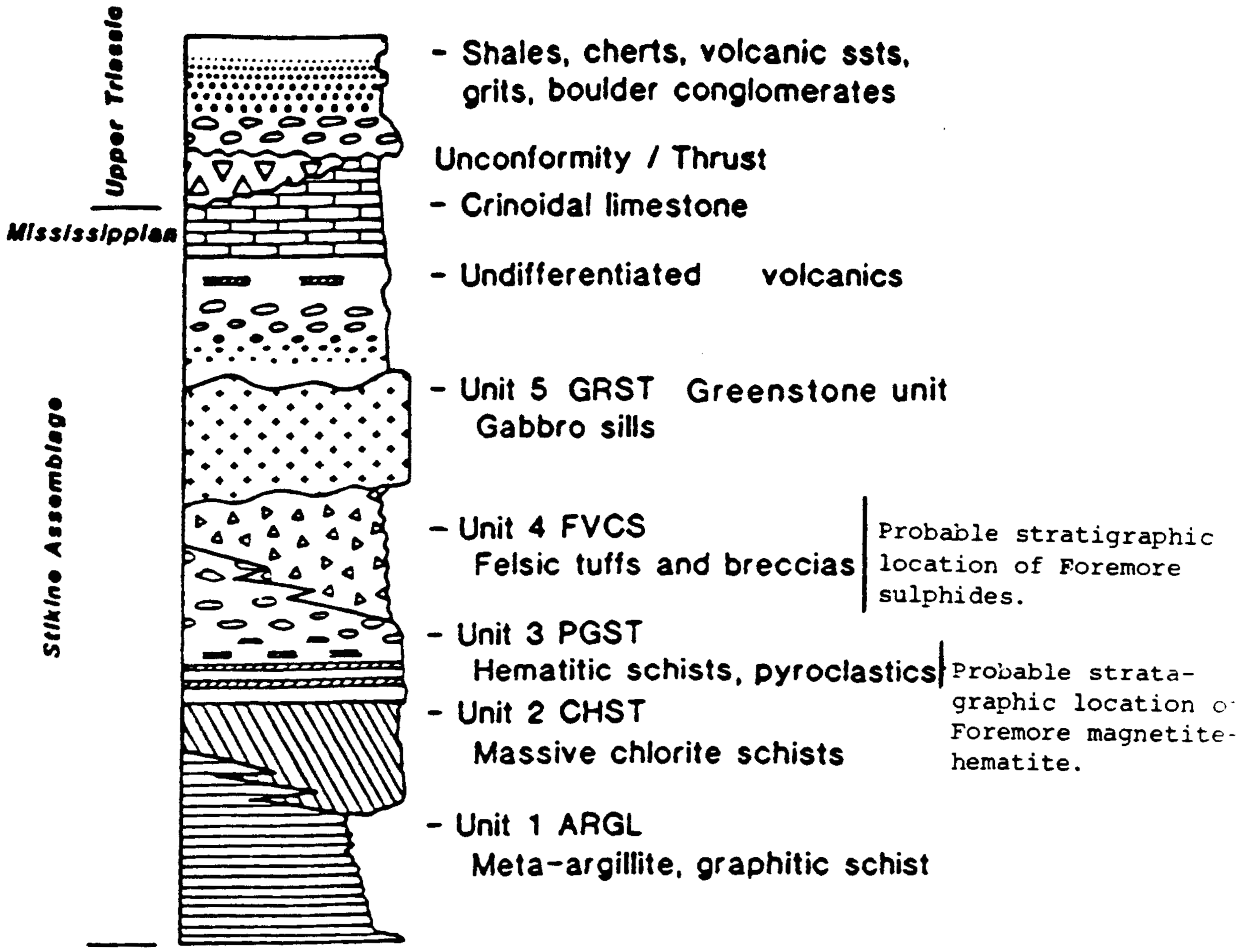
The Mississippian to Permian package, (Units 3, 4 and 5) include foliated dust, ash, lapilli and crystal tuffs, intermediate to mafic flows, flow breccias, epiclastics, and paleozoic limestones. Limestones (4a) occur predominantly as lenses (up to several tens of meters) and as discontinuous beds intercalated within weakly to moderately foliated volcanics (5) and clastics (4c).

The youngest rocks observed on the Foremore property, are of possible Triassic age and form a well bedded sequence of ash to lapilli tuff, crystal tuff, undifferentiated pyroclastics and a volcanic conglomerate.

(b) Structure (Refer to Plates 3, 6 and 7)

The Foremore property covers a structurally complex region of folding and faulting. The regional extent and amount of movement or offset on some of the larger structures is not known at this time.

To the east, on Fore 12-19, in Bear Valley is a general bedding parallel foliation that trends northeast-southwest and dips moderately to the southeast (commonly strikes between 020^0-050^0, dips 15^0-45^0 SE). On the west side of Bear Valley a limestone unit (4a) is isoclinally recumbently folded, with fold axes plunging 6^0-15^0 towards 330^0-340^0. A possible southwest trending open fold occurs in Bear Valley as indicated by similar outcroppings on the east and west valley sides. The southern end of Bear Valley is fault controlled, with a northeast-southwest fault occurring along the central part of the valley, with a moderate southeast dip.



Schematic stratigraphic column of Stikine Assemblage rocks, Mess Creek area, northwestern B.C. - P.M. Holbeck - 1988

FIGURE 2

SCHEMATIC STRATIGRAPHIC SECTION - FOREMORE PROPERTY
MORE CREEK AREA - NORTHWESTERN B.C.

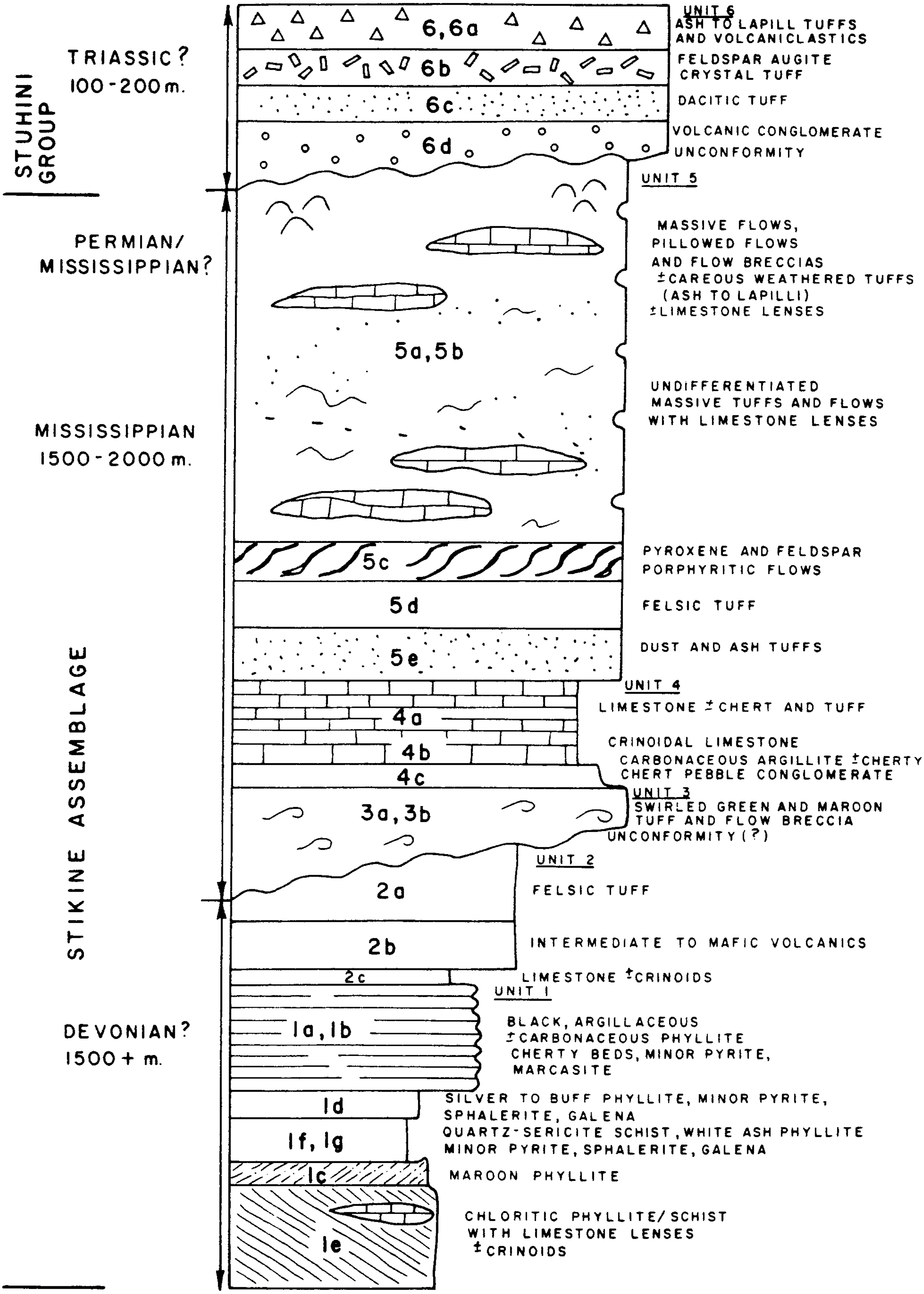


Figure 3

To the north of camp (approximately 200 metres) there is a 200-500 meter band of swirled green and maroon tuffs and flow breccias (3a and 3b) that trend southeast. This band of strongly foliated tuffs and flow breccias appears to have been isoclinally folded, is upright and vertical to southwest steeply dipping. Small scale folds indicate a shallow plunge towards the southeast (approximately 10^{0} towards 150^{0}). This unit is truncated to the northwest by More-Side glacier, which would appear to be a northeast-southwest fault of unknown magnitude.

To the northeast of More-Side glacier, approximately 1.5 km through the saddle on the north-south claim boundary of Fore 20 and Fore 21 there is a strong north-south trending, steeply dipping fault zone. This fault marks the northeastern extent of the oldest, Devonian(?), package of rocks (Units 1 and 2) found in this area. On the eastern side of this major fault there is a thick sequence of undifferentiated volcanics, tuffs and flows (5a, 5b).

The oldest package of rocks (Units 1 and 2), specifically in the North Zone, are complexly interfolded and faulted. Three sets of faults are evident from the detailed mapping of the North Zone:

(i) the predominant faults are northeast-southwest trending, moderately southeast dipping (commonly $035^{0}/50^{0}$ SE);
(ii) north-south trending vertical faults;
(iii) variably east-west trending, moderately south dipping ($080^{0}/63^{0}$S).

Associated with the faults on the property are iron carbonate alteration zones.

In the North Zone the general trend of bedding parallel foliation is to the northeast-southwest with moderate southeast dips (commonly strikes 035^{0} - 050^{0}, dips 30-45^{0} SE). A second crenulation cleavage foliation trends east-west and dips steeply to the north (commonly strikes 075^{0}-105^{0}, dips 55-80^{0}N). Fold axes are consistent, trending southeast with shallow to moderate plunges (plunging 20-38^{0} towards 140^{0}).

(c) Metamorphism

The Foremore property has in general been affected by a greenschist facies level of metamorphism. In 1988 skarn development was noted to the west on claim Fore 11 and to the east on Fore 17-18, in September 1989 skarn development was found to the north on claim Fore 22. Epidote, tremolite and diopside are the commonly developed skarn minerals developed adjacent to small plutons, with mineralization consisting of pyrite, magnetite, pyrrhotite, chalcopyrite and sphalerite.

(d) Mineralization (Refer to Plates 3, 4 and 7)

In August of 1989 geological property mapping and prospecting located numerous discontinuous quartz veins, veinlets and lenses within a tightly folded limestone (4a), on the west side of Bear Valley. These small quartz veins and discontinous lenses are mineralized with galena, chalcopyrite and pyrite. Outcrop sampling returned the following results: 0.97 oz/t Au, 0.8 oz/t Ag, 0.5% Cu, 8.5% Pb and 0.3% Zn. While an adjacent 1.0 meter outcrop chip sample (WR210) of a discontinuous quartz lense, returned results of: 2.732 oz/t Au, 1.0 oz/t Ag, 1.1% Cu, 11.7% Pb and 0.8% Zn.

Approximately 2.0 km north of camp (L32W/51N), below the More-Side glacier ice sheet, two types of mineralized boulders were noted. One type being chalcopyrite rich, quartz vein float which appear as angular float up to 1.5 meters in diameter. Sampling of four quartz boulders returned the following results: 573 ppb Au, 19.7 ppm Ag, 5.25% Cu, 353 ppm Pb and 290 ppm Zn. A second group of boulders, approximately 200 metres to the northeast were distinguished as altered, sheared and silicified felsic tuff (5d). These boulders range in size from 0.15 to 1.0 meter in diameter. They are variably mineralized with pyrite, galena, sphalerite and minor chalcopyrite. Sampling of eight boulders of the altered felsic material returned the following results: 0.12 oz/t Au, 58 g/t Ag, 0.17% Cu, 1.7% Pb and 7.6% Zn. Fire assays for four of the eight boulders returned an average value of 0.235 oz/t Au. One mineralized boulder (WR9217), of angular dark grey-black argillite (0.6 metre diameter), with massive patches of banded sulphides assayed at: 0.162 oz/t Au, 6.1 oz/t Ag, 0.7% Cu, 0.8% pb, 26.0% Zn and 1.1% As.

2(d-1) Foremore South (Refer to Plate 4)

In 1988, prospecting of the south boulder field located several hundred boulders of very fine grained pyrite, very fine to medium grained sphalerite, barite, minor galena and tetrahedrite. Sampling of 69 boulders in 1988, returned assay results: nil to trace Au, 1 to 8 oz/t Ag, trace to 2.6% Pb, trace to 16% Zn, trace to 28% Ba and generally trace Cu. Numerical averaging yielded results of 2.7 oz/t Ag, 0.7% Pb and 6.8% Zn. In 1989 detailed prospecting in the south boulder field has located 828 boulders ranging in size from 0.15 m up to 2.8 meters in diameter, which can be found over a distance of 2.2 km and a width of 0.75 km. Sulphide textures in the boulders range from finely laminated, banded, swirly around carbonate or siliceous fragments and a combination of the above textures. The predominant sulphides are pyrite and sphalerite with minor galena, chalcopyrite and tetrahedrite. The following table of results gives a range and numerical average for 112 boulders sampled in the south boulder field in 1989:

	Ag oz/t	% Pb	% Zn	% Ba	% Fe
Range	tr to 9.19	tr. to 6.5	tr. to 19	tr. to 30.7	1.22 to 33.7
Numerical Average	2.3 oz/t	1.0%	6.2%	3.5%	23%

The majority of the boulders contained nil to trace Au, with six boulders showing elevated Au results ranging from 206 ppb to 2800 ppb Au. The boulders returning anomalous gold values are felsic or siliceous boulders and are variably mineralized with chalcopyrite and marcasite as well as pyrite, sphalerite and galena. The average values of the six boulders are: 1230 ppb Au, 56.6 ppm Ag, 0.2% Cu, 0.8% Pb, 5.8% Zn.

2(d-2) North Zone (see Plates 3 and 7)

To the northwest, on claims More 1, More 2 and Fore 20, prospecting has located mineralized boulders over a distance of 1.4 km and a width of 400 metres. The boulders are mineralized with pyrite, sphalerite, chalcopyrite, galena and minor tetrahedrite and bornite. Sulphide textures within the boulders range from disseminated and blebby to laminated to crudely banded, with some boulders containing interbanded quartz eye felsic volcanics and feldspathic quartz crystal tuffs. A total of 41 boulders were sampled in the north boulder field, with boulder size ranging from 0.15 to 1.0 meter in diameter. The mineralized boulders were classified into two types, a chalcopyrite rich population and a sphalerite rich population. Of the 41 boulders sampled 12 were of the chalcopyrite rich variety and returned assay results as follows: 0.7 to 8.7% Cu, 0.07 to 3.2% Pb, 0.16 to 14.4% Zn, 19 to 578 g/t Ag, trace to 3.4 g/t Au and 8 to 22% Fe. Numerical averaging of the twelve boulders gave the following: 2.3% Cu, 0.5% Pb, 6.2% Zn, 186 g/t Ag, 1.5 g/t Au and 16% Fe. Sampling analyses of the 29 sphalerite rich boulders returned the following results: trace to 0.68% Cu, trace to 14.3% Pb, trace to 30.3% Zn, trace to 337 g/t Ag, nil to 5.7 g/t Au and 5.1 to 31.5% Fe. Numerical averaging of the 29 mineralized boulders yielded: 0.22% Cu, 3.5% Pb, 10.2% Zn, 96 g/t Ag, 1.0 g/t Au and 16% Fe.

In the North Zone detailed mapping and prospecting located pyritic felsic volcanics, sometimes containing quartz eyes, with thin laminations and disseminations of pyrite, sphalerite and galena in outcrop. The felsic volcanics are situated within a sequence of interfolded intermediate to mafic phyllitic volcanics and pyritic black argillaceous phyllites. Outcrop sampling of the pyritic felsic volcanics returned the following results:

Outcrop Width	% Cu	% Pb	% Zn	g/t Ag
0.3 m	-	0.2	2.9	12
0.2 m	-	0.05	0.6	5
0.25m	0.2	0.7	3.2	5
0.16m	0.2	0.3	4.5	13
1.0 m	-	-	2.1	5

Geological mapping and prospecting in the North Zone area would suggest that the source of the mineralized boulders is located to the south and would be covered by More glacier. A possible source for the boulders is believed to be the UTEM conductors situated under More glacier at the western end of the geophysics grid.

2(d-3) Foremore East (Refer to Plate 4)

To the east, on claims Fore 16-18, boulders and blocks of epidote and calc-silicates with variable amounts of magnetite, pyrrhotite, chalcopyrite and sphalerite were found by prospecting in the 1988 field season. Results of 1988 boulder sampling for 29 boulders returned the following results: nil Au, trace to 7.2% g/t Ag, trace Pb, trace to 18% Zn, trace to 2.8% Cu and trace to 246 ppm Co.

In 1989 prospecting and geological mapping located an additional ten boulders in the East Boulder Field which returned: nil Au, trace to 5.8 g/t Ag, trace Pb, trace to 11.9% Zn and 0.2 to 09.9% Cu. One boulder of quartz vein material (0.2 meter diameter) mineralized with pyrite and chalco-pyrite returned results of 360 ppb Au, 55.5 g/t Ag and 11.6% Cu.

2(d-4) Foremore West (Refer to Plate 4)

Geological mapping and prospecting in 1988, to the west on More 2 and More 3, located gold bearing quartz veins, between 0.1 and 1.0 meter in width, within a granodiorite intrusive. The quartz veins are predominantly white bull quartz with patchy mineralization of pyrite, galena, sphalerite and chalcopyrite. In 1989 outcrop sampling in the quartz zone area did not return any significant results. One float boulder of vein quartz (0.1 m diameter) mineralized with pyrite and galena returned a value of 20,000 ppb Au.

To the south of claim Fore 11, outcrops on an exposed nunatak consist of altered limestone, calc-silicates and felsite dykes. One boulder, from 1988 field work of calc-silicate-epidote-sphalerite contained: 332 ppb Au, 1.6 ppm Ag, tr Pb, 24% Zn, and 0.6% Cu.

GEOCHEMISTRY

A total of 154 soil samples and 14 silt samples were taken from the Foremore property in 1989.

Soil samples were collected along three soil contour lines, totalling 7.2 km in length, and were controlled by hip chain and altimeter. Samples were collected at 50 m intervals to depths of 5-30 cm, generally the soil is poorly developed.

Contour soil line DRB, to the north of camp, was designed to test an area of limited outcrop exposure between More-Side glacier, to the north, and the south boulder field. Soil contour line KB, on the west side of Bear Valley, was designed to assess the potential mineralization below scattered outcrops of interfolded felsic volcanics (5d) and limestone (4a). Soil line KA was designed to assess the potential of volcanogenic massive sulphide mineralization of unexposed rocks under More-Side glacier, to the north of camp.

Silt samples were collected from the creeks that drain Bear Valley and into the south boulder field.

Numerous mineralized boulders are located approximately 2 km north of camp (L32W/51N) on trend with a soil and silt anomaly on the southwestern flank of Bear Valley adjacent to the ice sheet. In all 168 silt and soil samples were collected and stored in kraft paper bags, shipped to Cominco Research Laboratory, 1486 E. Pender St., Vancouver, B.C.

The 14 silt samples were processed and the -80 mesh fraction was analyzed for Cu, Pb, Zn, Ag and As. The 154 soil samples were similarly processed and analysed for Au, Ag, Cu, Pb, Zn, As and Ba.

All rock samples were analysed geochemically and consisted of measured rock or boulder chip samples. The samples were collected in 20 cm x 30 cm plastic bags and shipped to Cominco Research Laboratory at 1486 E. Pender St.,Vancouver, B.C. Rock samples were crushed, split and pulverized to -200 mesh. All samples returning geochemical values at or above the following levels were re-analysed by fire and/or standard assay methods: Au 1000 ppb, Ag 30 ppm, Cu 10,000 ppmn, Pb 10,000 ppm, Zn 10,000 ppm. See Appendix IV for description of the analytical methods.

GEOPHYSICS (Refer to Plates 2 and 3)

In late June a geophysical grid was established over the south boulder field and over the main ice sheet, More glacier. A geophysical program (Phase I) was conducted over the area consisting of UTEM and MAG with selected areas of HLEM in the south boulder field. The geophysical program was conducted in order to locate the source of the mineralized boulders in the south boulder field and assess the potential for a volcanogenic massive sulphide deposit.

A series of significant geophysical conductors were located by UTEM near the western limit of the geophysical grid, on claim More 2. The anomalous responses were further detailed by UTEM and interpreted to be a zone of multiple conductors that are complicated by faulting. In September 1989, detailed geologic mapping and prospecting located numerous sulphide boulders, approximately 1.5 km to the north of the conductive zone. Interfolded felsic volcanics with laminated to disseminated pyrite, sphalerite and galena were located in outcrop. The felsic volcanics (quartz eye) are in a package of strongly deformed, faulted and folded, pyritic black argillaceous phyllites and intermediate to mafic phyllitic volcanics. This package extends to the south, is a favourable host for a volcanogenic massive sulphide deposit and is a probable source of the UTEM conductors on the western part of the geophysical grid.

In July 1989, a small reconnaissance grid was established on Foremore East glacier to test for the possible source of mineralized boulders in the east boulder field. A geophysical program of UTEM and MAG did not indicate any significant conductors in the area surveyed, with only a weak MAG feature being located in the northeast corner.

A second phase of geophysics was conducted from mid-August to mid-September to the north of camp, over More-Side glacier and into Bear Valley. This phase was designed to assess the potential for a volcanogenic massive sulphide deposit to the north of the south boulder field. The existing grid from phase I was extended to the north and a program of UTEM, MAG and selected HLEM was conducted. A low conductivity UTEM anomaly was located under More-Side glacier, approximately 57N between L26W to L30W, and was further delineated by HLEM. Geologic mapping to the east has located outcrops of pyritic argillite (4c) and interbanded tuffs (5a) and limestone (4a). Prospecting and geological mapping, approximately 500 m to the southwest (L32W/51N), has located several mineralized boulders of pyrite, sphalerite and galena with altered and sheared(?) felsic volcanics (5d).

See geophysical report for a detailed analysis of the phase I and phase II geophysics programs conducted on the Foremore property between July and September 1989.

CONCLUSIONS AND RECOMMENDATIONS

The 1989 program of geological mapping and prospecting successfully located sphalerite and galena laminations and disseminations in outcrops of felsic (quartz eye) volcanics in the North zone. Mineralization occurs in the oldest package of rocks on the property, the Stikine Assemblage, of probable Devonian age (Units 1 and 2). The Devonian package of felsic to mafic phyllitic volcanics contains Au, Ag, Pb, Zn and Cu mineralization within the felsic volcanics.

The high barium and total iron values, with the Ag, Pb, Zn results would indicate a volcanogenic massive sulphide deposit as a source. This deposit is most likely zoned as some boulders returned good Au and Cu results.

The interpretation of the south and north boulder fields suggests a source under More glacier, in an area which correlates with a zone of multiple conductors located by UTEM.

It is recommended that the Foremore property continue to be prospected and geologically detailed mapped in the North Zone area. In particular, a structural interpretation of the mineralized folded and faulted Devonian (Units 1 and 2) rocks around More glacier ice sheet should be completed.

The regional extent of the favourable rock units should be delineated by mapping and prospecting to the north, south and west on the western section of the Foremore property.

A geophysical program (UTEM and MAG) over the western and southwestern parts of More glacier is recommended along with further definition of the conductive zone located in 1989.

This work will be followed up by a core drilling program.

Report by: D. Russell Barnes
D. Russell Barnes
Geologist

Endorsed by: A.B. Mawer
A.B. Mawer,
Senior Geologist

Approved for
Release by: W.J. Wolfe
W.J. Wolfe,
Manager, Exploration-
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Distribution:
Mining Recorder
Files

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APPENDIX I

IN THE MATTER OF THE B.C. MINERAL ACT AND IN THE MATTER OF A GEOLOGICAL AND GEOCHEMICAL SURVEY CARRIED OUT ON MINERAL CLAIMS OF THE FOREMORE PROPERTY IN THE MORE CREEK AREA, BRITISH COLUMBIA MORE PARTICULARLY N.T.S. 104G/2, 104G/3.

AFFIDAVIT

I, D. RUSSELL BARNES of the City of Vancouver, in the Province of British Columbia, make oath and say:

1. THAT I am a Geologist employed by Cominco Ltd, 700-409 Granville Street, Vancouver, British Columbia, and as such have knowledge of the facts deposed to herein.

2. THAT hereto and marked Appendix II to this my Affidavit is a true copy of expenditures on Geological mapping and Geochemical sampling on the Foremore property;

3. THAT the said expenditures were incurred between the 14th day of June and the 17th day of November 1989 for the purpose of mineral exploration on the above noted property.

Dated at Vancouver, British Columbia, this 17th day of November, 1989.

D. Russell Barnes

D. RUSSELL BARNES

APPENDIX II

STATEMENT OF EXPENDITURES

FOREMORE PROPERTY

During the period June 14 - November 17,1989 Cominco Ltd incurred the following expenditures.

Salaries

A.B. Mawer	June 14-July 21, Sept. 11-23,	51 days @ $394/day	$20,094.00	
I.A. Paterson	Aug. 22-26,	5 days @ $390/day	1,950.00	
I. Elliott	Aug. 9,10,11	3 days @ $390/day	1,170.00	
M.O.B. Kellerhals	Aug. 26,28,29, 30,31, Sept. 1-14	19 days @ $196/day	3,724.00	
D.R. Barnes	June 26-Aug.16, Aug.23-Sept.19	80 days @ $190/day	15,200.00	
M.G. Westcott	Aug.22-Sept.13	23 days @ $190/day	4,370.00	
R.A. VanEgmond	Aug. 22,23,28,29, 30,31, Sept.1-7	13 days @ $157/day	2,041.00	
A.W. Lee	Aug.22-31	7 days @ $157/day	1,099.00	
T. Plommer	July 1-Aug.16	47 days @ $136/day	6,392.00	
T. Muraro	June 14-July 21	38 days @ $136/day	5,168.00	
D. Johannsen	Aug.22,26,27,28, 29,30	6 days @ $136/day	816.00	62,024.00

Report Writing and Map Preparation

A.B. Mawer	Oct. 23-27, 30,31, Nov. 1-3, 6-10,	15 days @ $394/day	5,910.00
D.R. Barnes	Sept.25-29, Oct.2-6 10-13, 16-20, 23-27, 30,31, Nov. 1-3, 6-10, 13-17	39 days @ $190/day	7,410.00

Communications – B.C. Tel and Traeger Camp Radio Rental		$ 2,691.77
– Mobile hand operated Walkie Talkie 2 units @ $20/day for 80 days, 2 units for 19 days		1,980.00
Geological Supplies, Maps and Field Gear		5,946.65
Geological Analysis		
Rocks 242 @ $38/sample –	9196.00	
Soils 154 @ $16/sample –	2464.00	
Silts 14 @ $11.75/sample –	164.50	
Fire assays 117 Au or Ag @ $12.75	1491.75	
Fire assays 24 Au/Ag @ $20/sample	480.00	13,796.25
Transport – Helicopter (geological & geophysical support)		32,805.03
– Fixed Wing (Smithers to Forrest Kerr)		11,737.87
– Freight		11,965.41
Transport – Toyota 4x4 Rental plus Fuel		4,929.77
Domicile – 146 man days @ $168/day		24,528.00
Camp construction – (supplies & contracting)		12,770.48
Drafting, reproduction, salaries and supplies		4,093.75
TOTAL ESTIMATED EXPENDITURE FOR 1989		$ 202,588.94

A P P E N D I X III

FOREMORE GROUP ASSESSMENT REPORT

GEOCHEMICAL AND ASSAY RESULTS

FOREMORE GROUP ASSESSMENT REPORT

OUTCROP AND BOULDER SAMPLING

GEOCHEMICAL AND ASSAY RESULTS

FOREMORE-WD

JOB V 89-0233R
REPORT DATE 11 OCT 1989

LAB NO	FIELD NUMBER	AU PPB	WT AU GRAM	AG PPM	CU PPM	PB PPM	ZN PPM	BA(4) PPM	ZN(1) %	PB(1) %	AG(1) G/T	AG(1) OZ/T	DESCRIPTION (SIZE IN METERS)	LOCATION
R8908594	M89 R24	<10	5	E165.5	220	E21350	E71900	E9745	7.22	2.24	161.86	4.721	FLOAT 0.2 SULPHIDES FLOURESCENT	SOUTH BOULDER FIELD
R8908595	M89 R26	<10	5	E217.5	25	E12100	E109000	322	11.34	1.20	216.64	6.319	FLOAT 0.4 MASSIVE PY-Sph BANDED	SOUTH BOULDER FIELD
R8908596	M89 R27	<10	5	64.3	53	E10170	E48100	E102262	5.05	1.13	65.127	1.900	FLOAT 0.25 BANDED SILICEOUS, BARITE Sph-GL	SOUTH BOULDER FIELD
R8908597	M89 R28	<10	5	47.9	184	7910	E29400	E305785	3.30		43.230	1.261	FLOAT 0.2 BARITE PY-GL- tr. Sph	SOUTH BOULDER FIELD
R8908598	M89 R29	<10	5	76.1	167	9960	E65600	2723	6.70		71.816	2.095	FLOAT 0.4 BANDED SILICEOUS PY-GL-[illegible], Sph	SOUTH BOULDER FIELD
R8908599	M89 R30	<10	5	E106.1	215	E33950	E101500	2044	10.62	3.44	114.90	3.351	FLOAT 0.4 BANDED Sph-GL	SOUTH BOULDER FIELD
R8908600	M89 R31	<10	5	E109.1	132	E50050	E133500	1783	13.19	5.11	123.42	3.600	FLOAT 0.2 BANDED Sph-GL	SOUTH BOULDER FIELD
R8908601	M89 R32	<10	5	40.5	127	7670	E50900	2591	5.36		42.166	1.230	FLOAT 0.3 x 0.4 LMST BANDED PY-Sph	SOUTH BOULDER FIELD
R8908602	M89 R33	<10	5	66.1	126	E15400	E35300	1486	3.61	1.38	61.608	1.797	FLOAT 0.2 x 0.3 SULPHIDES	SOUTH BOULDER FIELD
R8908603	M89 R34	<10	5	101.3	219	5270	E55900	1046	6.08		108.35	3.160	FLOAT 0.2 x 0.3 SULPHIDES	SOUTH BOULDER FIELD
R8908604	M89 R35	7120	5	56.3	454	8070	E18700	346	2.16		55.710	1.625	RESAMPLE M88-R360	SOUTH BOULDER FIELD
R8908605	M89 R36	<10	5	E220	16	E28650	E119000	2314	12.16	2.92	213.35	6.223	FLOAT 0.4 SULPHIDES	SOUTH BOULDER FIELD
R8908606	M89 R37	<10	5	E187	13	E12150	E94000	233	9.48	1.28	180.00	5.250	FLOAT 0.4 SULPHIDES	SOUTH BOULDER FIELD
R8908607	M89 R38	<10	5	72.3	64	E14900	E149000	1273	14.95	1.52	74.773	2.181	FLOAT 0.15 SULPHIDES	SOUTH BOULDER FIELD
R8908608	M89 R39	<10	5	68.1	50	E16050	E71700	121	7.01	1.65	74.280	2.167	FLOAT 0.2 x 0.3 SULPHIDES	SOUTH BOULDER FIELD
R8908609	M89 R40	<10	5	E124	244	E22750	E73300	3186	7.42	2.21	130.25	3.799	FLOAT 0.2 SULPHIDE	SOUTH BOULDER FIELD
R8908610	M89 R41	<10	5	23.6	41	4610	E26300	562	2.83				FLOAT 0.7 x 0.4 SULPHIDE	SOUTH BOULDER FIELD
R8908611	M89 R42	<10	5	69.4	174	5610	E70000	E12055	7.01		71.112	2.074	FLOAT 0.6 x 0.3 SULPHIDE	SOUTH BOULDER FIELD
R8908612	M89 R43	<10	5	51.7	153	2210	E48300	469	4.54		48.370	1.411	FLOAT 0.2 SULPHIDE fine gr. PY-Sph	SOUTH BOULDER FIELD
R8908613	M89 R44	<10	5	90.1	18	E13300	E74400	32	7.22	1.39	96.670	2.820	FLOAT 0.18 SULPHIDE Sph-PY	SOUTH BOULDER FIELD
R8908614	M89 R45	<10	5	E122	28	E21250	E128000	133	12.58	2.12	123.07	3.590	FLOAT 0.3 x 0.3	SOUTH BOULDER FIELD
R8908615	M89 R46	<10	5	E159	12	E37750	E147000	541	14.43	3.75	159.61	4.655	FLOAT 0.2 x 0.2 Sph	SOUTH BOULDER FIELD
R8908616	M89 R47	<10	5	83.5	102	6550	E97100	4678	9.90		80.546	2.349	FLOAT 0.2	SOUTH BOULDER FIELD
R8908617	M89 R48	<10	5	E133	195	E24300	E137500	466	13.19	2.50	145.67	4.249	FLOAT 0.15 Sph	SOUTH BOULDER FIELD
R8908618	M89 R49	26	5	90.2	E11700	5360	E37000	1198	3.92		93.300	2.721	FLOAT 0.3	SOUTH BOULDER FIELD
R8908619	M89 R50	<10	5	72	95	E13650	E48300	1052	5.05	1.31	71.746	2.093	FLOAT 0.2 LMST BANDED PY-Sph FLUORESCENT	SOUTH BOULDER FIELD

FOREMORE—WD

JOB V 89-0233R
REPORT DATE 11 OCT 1989

LAB NO	FIELD NUMBER	Au PPB	Wt Au GRAM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Ba(4) PPM	Zn(1) %	Pb(1) %	Ag(1) G/T	Ag(1) OZ/T	DESCRIPTION SIZE IN METERS	LOCATION
R8908620	M89 R51	<10	5	14	32	1110	E117000	487	12.16				FLOAT 0.2×0.3 SULPHIDE	SOUTH BOULDER FIELD
R8908621	M89 R52	<10	5	72.8	27	E15900	E105000	970	10.51	1.51	75.055	2.189	FLOAT 0.2×0.2 SULPHIDE	SOUTH BOULDER FIELD
R8908622	M89 R53	<10	5	82.1	181	7480	E93200	E19688	9.69		87.339	2.547	FLOAT 0.15	SOUTH BOULDER FIELD
R8908623	M89 R54	2600	5	E132	329	E36300	E82900	E7959	8.45	3.65	137.57	4.012	FLOAT 0.10 COARSE GR. GL, Sph-MARCASITE	SOUTH BOULDER FIELD
R8908624	M89 R55	<10	5	30.5	29	7530	E42400	374	4.64				FLOAT 0.2×0.2 FINE PY-Sph BANDS	SOUTH BOULDER FIELD
R8908625	M89 R56	<10	5	.7	6	E13300	E81800	1642	8.49	1.41			FLOAT 0.3×0.3 RUSTY, GREY Sph BANDS	SOUTH BOULDER FIELD
R8908626	M89 R57	<10	5	E260	19	E25400	E141000	808	14.95	2.76	225.58	6.579	FLOAT 0.2×0.2 BANDED PY, GREY Sph	SOUTH BOULDER FIELD
R8908627	M89 R58	<10	5	33.7	34	E10160	E106000	1032	10.51	1.15			FLOAT 0.2×0.3 SULPHIDE PY-Sph	SOUTH BOULDER FIELD
R8908628	M89 R59	<10	5	8	37	E15400	E79100	48	8.04	1.61			RESAMPLE 88-R364	SOUTH BOULDER FIELD
R8908629	M89 R60	<10	5	37.5	108	2190	E22900	E58841	2.53		32.388	0.945	FLOAT 0.4×0.4 BANDED PY-BARITE, MINOR Sph-GL	SOUTH BOULDER FIELD
R8908630	M89 R61	<10	5	46.2	134	1510	E29300	E122008	3.20		42.179	1.230	FLOAT 0.2 BANDED PY-BARITE, SILICEOUS, MINOR Sph	SOUTH BOULDER FIELD
R8908631	M89 R62	<10	5	90.1	195	864	E19200	E114211	2.32		90.319	2.634	FLOAT 1.0×0.6 BANDED SILICEOUS, BARITE, PY-Sph	SOUTH BOULDER FIELD
R8908632	M89 R63	<10	5	80.8	136	1050	E55600	921	6.39		91.805	2.678	FLOAT 0.2×0.3 SILICEOUS PY-Sph	SOUTH BOULDER FIELD
R8908633	M89 R64	<10	5	49.1	141	958	E20300	E97274	2.27		46.610	1.359	FLOAT 0.15 LAMINATED PY-BARITE, tr. Sph	SOUTH BOULDER FIELD
R8908634	M89 R65	340	5	50.4	191	4500	E86100	E48787	8.25		48.140	1.404	FLOAT 0.2×0.3 SULPHIDE MINOR Sph	SOUTH BOULDER FIELD
R8908635	M89 R66	<10	5	56.9	72	8630	E36500	1023	3.61		60.243	1.757	FLOAT 0.3 SULPHIDE	SOUTH BOULDER FIELD
R8908636	M89 R67	<10	5	12.2	24	489	4200	1062					FLOAT 0.25 SULPHIDE WITH BRECCIA CLASTS	SOUTH BOULDER FIELD
R8908637	M89 R68	<10	5	22.4	21	5860	E39100	100	4.23				FLOAT 0.25×0.2 SULPHIDE BANDED GREY Sph	SOUTH BOULDER FIELD
R8908638	M89 R69	<10	5	57.6	113	8960	E41200	783	3.92		50.905	1.485	FLOAT 0.2 MASSIVE PY STREAKY Sph-GL	SOUTH BOULDER FIELD
R8908639	M89 R70	<10	5	4.1	42	832	7090	29					FLOAT 0.4×0.3 MARCASITE, SILICEOUS	SOUTH BOULDER FIELD
R8908640	M89 R71	<10	5	62.2	33	7770	E32300	E46398	3.20		61.818	1.803	FLOAT 0.3 SULPHIDE fine gr. PY-Sph	SOUTH BOULDER FIELD

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
IF REQUESTED ANALYSES ARE NOT SHOWN ,RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS

Wt Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)

FOREMORE—WD

Job V 89-0249R
Report date 11 OCT 1989

LAB NO	FIELD NUMBER	Au PPB	Wt Au GRAM	Ag PPM	Pb PPM	Zn PPM	Cu PPM	Ba(4) PPM	Cu(1) %	Pb(1) %	Zn(1) %	Ag(1) G/T	Ag(1) OZ/T	DESCRIPTION	LOCATION
R8909293	B89 R1	40	5	12.3	248	528	4450	298						FLOAT 0.5x0.5 PY (50%) QUARTZ-CARBONATE	SOUTH BOULDER FIELD
R8909294	B89 R2	106	5	16.4	101	128	E22800	627	2.26					O/C 0.5 CHIP MALACHITE, AZURITE, PY, tr. Cpy	SOUTH BOULDER FIELD
R8909295	B89 R3	<10	5	<.4	<4	88	294	146						FLOAT 0.7 MALACHITE, tr. PY, tr. AZURITE	SOUTH BOULDER FIELD
R8909296	B89 R4	120	5	1	20	48	1240	167						FLOAT 0.5x0.4 PY (10-15%) STRONGLY ALTERED	SOUTH BOULDER FIELD
R8909297	B89 R5	<10	5	E237	E14300	E81000	32	E55552		1.45	8.90	242.25	7.066	FLOAT 0.5x0.5 PY-Sph, BARITE	SOUTH BOULDER FIELD
R8909298	B89 R6	<10	5	2.7	41	382	5490	204						FLOAT 0.3x0.5 PY-MAG-PO-Sph	EAST BOULDER FIELD
R8909299	B89 R7	<10	5	2.7	127	1120	3660	571						FLOAT 0.4x0.5 PO-Cpy-Sph	EAST BOULDER FIELD
R8909300	B89 R8	40	5	2.2	18	110	8660	<20						FLOAT. 0.4x0.4 PY (15%) MALACHITE, WEAK AZURITE	EAST BOULDER FIELD
R8909301	B89 R9	<10	5	3	14	8830	1790	309						O/C 1.5 CHIP PY, MALACHITE, Mn STAINED, MINOR LMST	FOREMORE EAST 2
R8909302	M89 R72	<10	5	<.4	727	E12100	46	369			1.30			FLOAT 0.3x0.4 PY - minor Sph	SOUTH BOULDER FIELD
R8909303	M89 R73	<10	5	56.4	8550	E50200	51	178			5.10	66.910	1.952	FLOAT 0.2x0.2	SOUTH BOULDER FIELD
R8909304	M89 R74	<10	5	89.4	1410	E50800	158	E151453			5.00	92,997	2,712	FLOAT 0.4	SOUTH BOULDER FIELD
R8909305	M89 R75	48	5	3.1	276	9800	1600	2612						FLOAT 0.3 QUARTZ VEIN Sph-GL-Cpy	SOUTH BOULDER FIELD
R8909306	M89 R76	206	5	24.3	1980	6400	488	916						FLOAT 0.2 PY-MARCASITE, MINOR GL	SOUTH BOULDER FIELD
R8909307	M89 R77	<10	5	E120	2490	E44300	163	E156067			4.40	120.98	3.529	CHIP 1.0 BOULDER	SOUTH BOULDER FIELD
R8909308	M89 R78	<10	5	E143	6740	E59800	171	E184125			6.40	137.97	4.024	CHIP 1.0 BOULDER	SOUTH BOULDER FIELD
R8909309	M89 R79	<10	5	E162	6330	E97500	174	E128037			9.80	173.72	5.067	CHIP 0.8 (R-77 to R-79 2.8m chip across boulder)	SOUTH BOULDER FIELD
R8909310	M89 R80	<10	5	E135	E40300	E122000	346	1955		4.20	13.40	132.26	3.858	FLOAT 0.4 Py-Sph-GL	SOUTH BOULDER FIELD
R8909311	M89 R81	2800	5	25.8	2040	E130000	3350	317			14.00			FLOAT 0.2x0.7 FELSIC TUFF, VEINS Sph	SOUTH BOULDER FIELD
R8909312	M89 R82	812	5	52	851	E25800	2680	188			2.75	71.108	2.074	FLOAT 0.2 MASSIVE SULPHIDE, Py-Sph-GL-Cpy	SOUTH BOULDER FIELD
R8909313	M89 R83	624	5	4.2	354	7080	5000	251			0.74			FLOAT 0.3 QUARTZ VEIN Sph-GL-Cpy	SOUTH BOULDER FIELD
R8909314	M89 R84	<10	5	49.1	4130	E49700	233	E111302			5.12	50.412	1.470	FLOAT 0.6x0.5 BANDED PY-Sph-GL, BARITE	SOUTH BOULDER FIELD
R8909315	M89 R85	<10	5	6.4	7740	E41700	24	2427			4.12			FLOAT 0.2 LMST, PY, STREAKY DARK BROWN Sph	SOUTH BOULDER FIELD
R8909316	M89 R86	<10	5	76.5	E10060	E45000	60	3501		1.07	4.50	82.422	2.404	FLOAT 0.3 LMST, SULPHIDE STRINGERS	SOUTH BOULDER FIELD
R8909317	M89 R87	<10	5	65	3090	E80700	129	E114764			7.60	66.346	1.935	FLOAT 0.2 LAMINATED BARITE, Py-Sph	SOUTH BOULDER FIELD
R8909318	M89 R89	<10	5	32.5	2530	E35000	106	E285071			3.50	25.021	0.730	FLOAT 0.6x0.8 BARITE PY-Sph-GL	SOUTH BOULDER FIELD
R8909319	M89 R90	<10	5	52.7	1190	E40700	174	E8742			4.30	66.698	1.945	FLOAT 0.1x0.3 PY-Sph, BARITE	SOUTH BOULDER FIELD
R8909320	M89 R91	28	5	45.5	2780	E34700	144	E272054			3.20	44.842	1.308	FLOAT 0.8x0.3 BARITE, PY tr. Sph-GL	SOUTH BOULDER FIELD
R8909321	M89 R92	<10	5	74.2	4650	E45000	347	E100379			4.30	85.242	2.486	FLOAT 0.8x0.4 BANDED Py-Sph, BARITE	SOUTH BOULDER FIELD
R8909322	M89 R93	<10	5	4.1	1490	E12700	60	1148			1.20			FLOAT 0.2x0.2 MASSIVE fine gr. PY, Sph STREAKS	SOUTH BOULDER FIELD
R8909323	M89 R94	<10	5	1.1	3650	9700	11	1208						FLOAT 0.2x0.3	SOUTH BOULDER FIELD
R8909324	M89 R95	<10	5	34.4	4620	E23100	34	E95126			2.35			FLOAT 0.2	SOUTH BOULDER FIELD
R8909325	M89 R96	<10	5	E130	6460	E23500	222	886			2.45	123.52	3.603	FLOAT 0.2	SOUTH BOULDER FIELD

LAB NO	FIELD NUMBER	Au PPB	WT Au GRAM	Ag PPM	Pb PPM	Zn PPM	Cu PPM	Ba(4) PPM	Cu(1) %	Pb(1) %	Zn(1) %	Ag(1) G/T	Ag(1) OZ/T	DESCRIPTION (SIZE IN METERS)	LOCATION
R8909326	M89 R97	<10	5	68.5	E13150	E78600	54	3210		1.27	8.02	73.185	2.135	FLOAT 0.5x0.9 PY-Sph	SOUTH BOULDER FIELD
R8909327	M89 R98	24	5	42.3	5190	E27100	178	E306600			3.60	33.289	0.971	FLOAT 1.0x1.0 BARITE, RUSTY	SOUTH BOULDER FIELD
R8909328	M89 R99	<10	5	64.4	2470	E56700	157	E160833			5.20	68.038	1.984	FLOAT 1.0x0.8 BARITE	SOUTH BOULDER FIELD
R8909329	M89 R100	<10	5	43.3	E10500	E33000	65	1970		1.10	3.40	49.213	1.435	FLOAT 0.5 BUFF CARB. BANDED SULPHIDES	SOUTH BOULDER FIELD
R8909330	M89 R101	20	5	51.6	8080	E112000	359	705			11.80	53.795	1.569	FLOAT 1.0x0.5 PY, BROWN Sph	SOUTH BOULDER FIELD
R8909331	M89 R102	<10	5	E302	E62500	E166000	97	342		6.50	19.00	315.09	9.190	FLOAT 0.1 SMALL HIGH GRADE Sph-GL	SOUTH BOULDER FIELD
R8909332	M89 R103	20	5	E114	E40550	E105000	127	1417		4.30	12.30	120.77	3.522	FLOAT 0.2x0.3	SOUTH BOULDER FIELD
R8909333	M89 R104	<10	5	5.8	882	E119000	5110	245			12.90			FLOAT 0.2x0.3 PO, STREAKY DARK Sph	EAST BOULDER FIELD
R8909334	M89 R105	<10	5	5.1	142	E105000	7170	132			11.40			FLOAT 0.6x0.5 STRINGERS PO-Sph IN SKARN	EAST BOULDER FIELD
R8909335	M89 R106	<10	5	.6	76	2230	1900	273						FLOAT 0.2x0.3 PO STRINGERS, Cpy, tr. Sph	EAST BOULDER FIELD
R8909336	M89 R107	<10	5	2.5	49	E80300	1870	69			7.80			FLOAT 0.15x0.2 RED-BROWN Sph IN SKARN	EAST BOULDER FIELD
R8909337	M89 R108	<10	5	2.6	36	E91000	3490	112			8.90			FLOAT 0.3x0.6 PO-Sph	EAST BOULDER FIELD
R8909338	TM89 R1	<10	5	43.4	6650	E36400	49	1428			3.50	44.650	1.302	FLOAT 0.2x0.35	SOUTH BOULDER FIELD
R8909339	TM89 R2	<10	5	40.3	E28700	E121000	59	685		2.90	13.00	41.384	1.207	FLOAT 0.1x0.15	SOUTH BOULDER FIELD
R8909340	TM89 R3	<10	5	1.3	308	569	138	66						FLOAT	SOUTH BOULDER FIELD
R8909341	TM89 R4	<10	5	93.9	8560	E93000	108	E87956			9.20	111.80	3.261	FLOAT	SOUTH BOULDER FIELD
R8909342	TM89 R6	<10	5	57.4	E18250	E54200	42	574		1.90	6.00	65.236	1.903	FLOAT 0.1x0.15 MASSIVE PY, Sph	SOUTH BOULDER FIELD
R8909343	TM89 R7	<10	5	57.6	9000	E69800	39	522			7.60	60.338	1.760	FLOAT 0.25x0.4	SOUTH BOULDER FIELD
R8909344	TM89 R8	<10	5	66.2	5090	E39000	84	2651			4.10	67.082	1.957	FLOAT 0.2x0.2	SOUTH BOULDER FIELD
R8909345	TM89 R9	<10	5	49.8	7410	E32700	27	E24589			3.25	50.471	1.472	FLOAT 0.15x0.2 QUARTZ VEIN IN PY MATRIX, Sph	SOUTH BOULDER FIELD
R8909346	TM89 R10	<10	5	72	7200	E65300	126	867			7.40	79.504	2.319	FLOAT 0.15x0.15 BANDED Sph	SOUTH BOULDER FIELD
R8909347	TM89 R11	<10	5	89.9	4750	E18900	259	E52627			2.20	94.908	2.768	FLOAT 0.15x0.2 Sph, BANDED	SOUTH BOULDER FIELD
R8909348	TM89 R12	<10	5	95.3	9040	E28300	100	E58561			3.00	108.04	3.151	FLOAT 0.25x0.45	SOUTH BOULDER FIELD
R8909349	TM89 R13	40	5	75.9	E10700	E56700	122	2379		1.13	5.90	81.634	2.381	FLOAT 0.15x0.2	SOUTH BOULDER FIELD
R8909350	TM89 R14	<10	5	92.3	9510	E46600	46	E24619			5.10	101.08	2.948	FLOAT 0.2x0.3	SOUTH BOULDER FIELD
R8909351	TM89 R15	<10	5	E151	E19950	E92000	21	E8818		2.13	10.20	153.11	4.466	FLOAT 0.2x0.35	SOUTH BOULDER FIELD
R8909352	TM89 R16	<10	5	13.9	E13100	E80600	27	1221		1.38	8.80			FLOAT 0.15x0.3	SOUTH BOULDER FIELD
R8909353	TM89 R17	<10	5	17.8	2440	E11500	8	1535			1.18			FLOAT 0.1x0.15	SOUTH BOULDER FIELD
R8909354	TM89 R18	360	5	55.4	903	4620	E97900	692	11.60			55.511	1.619	FLOAT 0.2x0.2 QUARTZ WITH Cpy	FOREMORE EAST 2
R8909355	TM89 R19	<10	5	3	83	343	8610	102						FLOAT 0.15x0.15	FOREMORE EAST 2
R8909356	TM89 R20	<10	5	1.9	72	1390	5460	347						FLOAT 0.15x0.15	FOREMORE EAST 2
R8909357	M R88 → M89 R88	<10	5	.5	23	E52400	1610	173			5.20			FLOAT 0.3 BARITE WITH STREAKY Sph-PY-GL	SOUTH BOULDER FIELD

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ANALYTICAL METHODS

Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS
WT Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)

FOREMORE -WD

Job V 89-0301R
REPORT DATE 11 OCT 1989

LAB NO	FIELD NUMBER	Au PPB	Wt Au GRAM	Ag PPM	Pb PPM	Zn PPM	Cu PPM	Ba(4) PPM	Fe %	DESCRIPTION / SIZE IN METERS	LOCATION
R8910875	TM89R23	<10	5	.8	1290	E14100	23	83	32.5	FLOAT 0.3x0.3	SOUTH BOULDER FIELD
R8910876	TM89R24	<10	5	77.7	9700	E89700	200	91	23.6	FLOAT 0.2x0.4	SOUTH BOULDER FIELD
R8910877	TM89R25	<10	5	6.4	7180	E35500	23	48	27.4		SOUTH BOULDER FIELD
R8910878	TM89R26	<10	5	.9	6	70	1091	34	44.9		SOUTH BOULDER FIELD
R8910879	M89R123	<10	5	63.4	E10900	E90800	78	E48407	28.9	FLOAT 0.2x0.3 PY-Sph, STREAKY Sph in part. BARITIC	NORTH BOULDER FIELD
R8910880	M89R124	42	5	80.5	E14300	E78500	217	222	31.2	FLOAT 0.5x0.6 VERY FLUORESCENT, SULPHIDE BANDS	NORTH BOULDER FIELD
R8910881	M89R125	<10	5	2.6	188	728	40	138	32.6	PYRITE IN LMST BAND	FOREMORE EAST
R8910882	M89R126	<10	5	.8	41	E31200	886	128	6.11	SILICIFIED GREY LMST, THIN DISSEM. to LAMINATIONS PALE Sph	FOREMORE EAST
R8910883	M89R127	<10	5	4.1	21	3880	7320	328	39.7	PØ-PY Mn STAINED	FOREMORE EAST
R8910884	M89R109	<10	5	8.8	1400	5250	51	328	33.7	FLOAT 0.4 SULPHIDES, fine gr PY	SOUTH BOULDER FIELD
R8910885	M89R110	<10	5	44.6	2410	E77900	157	605	21.7	FLOAT 0.2 PY-BROWN Sph, BARITE	SOUTH BOULDER FIELD
R8910886	M89R111	<10	5	E210	E19100	E78300	30	136	31.7	FLOAT 0.15	SOUTH BOULDER FIELD
R8910887	M89R112	<10	5	47.9	8300	E73600	25	E20255	31.2		SOUTH BOULDER FIELD
R8910888	M89R113	<10	5	45.4	4810	E52400	24	E31952	31.8		SOUTH BOULDER FIELD
R8910889	M89R114	22	5	E185.5	E17000	E65700	97	808	30.8	FLOAT 0.3x0.4 BANDED	SOUTH BOULDER FIELD
R8910890	M89R115	<10	5	29.4	6310	E42500	52	424	32.6	FLOAT 0.3x0.3	SOUTH BOULDER FIELD
R8910891	M89R116	<10	5	77.5	5620	E76700	186	E104049	22.5	FLOAT 0.4x0.6 SULPHIDE	SOUTH BOULDER FIELD
R8910892	M89R117	E20000	5	42.2	4420	1830	10	495	15.5	0.1 QUARTZ PY-GL	FOREMORE WEST
R8910893	M89R118	64	5	E179	E21700	150	10	E89736	0.72	FLOAT 0.2x0.2 QUARTZ-GL-Sph	FOREMORE WEST
R8910894	M89R119	2200	5	79.6	E15100	3640	23	E8679	0.74	FLOAT 0.2x0.3 QUARTZ VEIN GL-Sph in BANDS-LAMINATED	FOREMORE WEST
R8910895	M89R120	146	5	7.4	294	130	5680	617	1.93	QUARTZ, Cpy	FOREMORE WEST
R8910896	M89R121	80	5	3.7	36	55	E11500	371	2.64	QUARTZ, Cpy	FOREMORE WEST
R8910897	M89R122	<10	5	7.3	895	47	116	1201	2.46	QUARTZ VEIN	FOREMORE WEST
R8910898	TM89R21	<10	5	E136	E31400	E90000	80	1738	28.9	FLOAT MEDIUM GR. PY-Sph	SOUTH BOULDER FIELD
R8910899	B89R10	46	5	3.4	655	2510	8	337	2.03	O/C 0.4 CHIP QUARTZ VEIN IN GRANODIORITE, tr PY	FOREMORE WEST
R8910900	B89R11	<10	5	.6	115	277	7	132	1.15	O/C 0.2 CHIP QUARTZ VEIN IN GRANODIORITE, minor PY	FOREMORE WEST
R8910901	B89R12	306	5	46.9	E29600	1770	41	166	0.62	FLOAT 0.4x0.5 QUARTZ WITH GL, Fe Carb Alt.	FOREMORE WEST
R8910902	B89R13	220	5	79.4	914	9620	6590	4070	2.12	FLOAT 0.4x0.5 QUARTZ WITH TETRAHEDRITE, Cpy, Malachite, PY	FOREMORE WEST
R8910903	B89R14	3220	5	E238	E51100	E98200	E11400	404	17.5	FLOAT 0.4x0.5 PY (50%), GL (10-15%), Sph (3%), Cpy (1-3%), minor QUARTZ	NORTH BOULDER FIELD
R8910904	B89R15	<10	5	1.7	792	8120	46	180	25.8	FLOAT 0.3x0.5 QUARTZ WITH LMST FRAGMENTS PY, GL (<1%)	NORTH BOULDER FIELD
R8910905	B89R16	<10	5	<.4	1950	E22000	104	49	31.5	FLOAT 0.2x0.1 SULPHIDE, PY-Sph	NORTH BOULDER FIELD
R8910906	B89R17	<10	5	.7	29	181	41	32	23.4	FLOAT 0.8x0.7 COARSE GR PY IN QUARTZ BOULDER 30% PY	SOUTH BOULDER FIELD
R8910907	B89R18	<10	5	<.4	618	589	26	129	33.3	FLOAT 0.2x0.1 80% PY	SOUTH BOULDER FIELD
R8910908	B89R19	84	5	31.2	371	184	817	77	33.8	FLOAT 0.2x0.4 MASSIVE PY	SOUTH BOULDER FIELD
R8910909	B89R20	24	5	E293	3500	E41000	2030	E46825	15.3	FLOAT 0.5x1.0 BARITE WITH PY BANDS, COARSE GR Sph, tr.Cpy, tr.GL	SOUTH BOULDER FIELD

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ANALYTICAL METHODS

AU AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS

FOREMORE-WD

JOB V 89-0386R
REPORT DATE 11 OCT 1989

LAB NO	FIELD NUMBER	FE %
R8908594	M89 R24	27.7
R8908595	M89 R26	25.8
R8908596	M89 R27	19.4
R8908597	M89 R28	5.92
R8908598	M89 R29	21.5
R8908599	M89 R30	23.4
R8908600	M89 R31	23
R8908601	M89 R32	23
R8908602	M89 R33	25.7
R8908603	M89 R34	23.7
R8908604	M89 R35	17.3
R8908605	M89 R36	23.7
R8908606	M89 R37	24
R8908607	M89 R38	23.9
R8908608	M89 R39	26.5
R8908609	M89 R40	27.4
R8908610	M89 R41	27.3
R8908611	M89 R42	22.2
R8908612	M89 R43	22.6
R8908613	M89 R44	25.9
R8908614	M89 R45	24.9
R8908615	M89 R46	24.4
R8908616	M89 R47	25.1
R8908617	M89 R48	24.4
R8908618	M89 R49	5.17
R8908619	M89 R50	24.8
R8908620	M89 R51	24.5
R8908621	M89 R52	23.9
R8908622	M89 R53	22.6
R8908623	M89 R54	21
R8908624	M89 R55	26.2
R8908625	M89 R56	25.2
R8908626	M89 R57	24.3
R8908627	M89 R58	25
R8908628	M89 R59	25.2
R8908629	M89 R60	17.3
R8908630	M89 R61	14.2
R8908631	M89 R62	20.5
R8908632	M89 R63	25.4
R8908633	M89 R64	16.9
R8908634	M89 R65	18.1
R8908635	M89 R66	26.6
R8908636	M89 R67	27.2
R8908637	M89 R68	27.6
R8908638	M89 R69	27.4
R8908639	M89 R70	28.5
R8908640	M89 R71	24.4
R8909293	B89 R1	29.6
R8909294	B89 R2	8.46
R8909295	B89 R3	4.82
R8909296	B89 R4	17.1

LAB NO	FIELD NUMBER	FE %
R8909297	B89 R5	24.5
R8909298	B89 R6	28.4
R8909299	B89 R7	28.7
R8909300	B89 R8	14.9
R8909301	B89 R9	7.87
R8909302	M89 R72	25
R8909303	M89 R73	24.7
R8909304	M89 R74	18.4
R8909305	M89 R75	1.54
R8909306	M89 R76	25.9
R8909307	M89 R77	19.9
R8909308	M89 R78	14.6
R8909309	M89 R79	18.4
R8909310	M89 R80	21.7
R8909311	M89 R81	12.2
R8909312	M89 R82	23.6
R8909313	M89 R83	1.22
R8909314	M89 R84	22.5
R8909315	M89 R85	23.3
R8909316	M89 R86	23.2
R8909317	M89 R87	17.1
R8909318	M89 R89	4.95
R8909319	M89 R90	24.7
R8909320	M89 R91	10.7
R8909321	M89 R92	22.4
R8909322	M89 R93	23
R8909323	M89 R94	27
R8909324	M89 R95	24
R8909325	M89 R96	25.3
R8909326	M89 R97	23.6
R8909327	M89 R98	4.64
R8909328	M89 R99	19.3
R8909329	M89 R100	23.1
R8909330	M89 R101	22.6
R8909331	M89 R102	22.5
R8909332	M89 R103	20.2
R8909333	M89 R104	22.3
R8909334	M89 R105	30
R8909335	M89 R106	24.2
R8909336	M89 R107	23.5
R8909337	M89 R108	28
R8909338	TM89 R1	25.5
R8909339	TM89 R2	24.1
R8909340	TM89 R3	26.4
R8909341	TM89 R4	23.6
R8909342	TM89 R6	25.2
R8909343	TM89 R7	26.7
R8909344	TM89 R8	21.1
R8909345	TM89 R9	25.8
R8909346	TM89 R10	22.8
R8909347	TM89 R11	26.5
R8909348	TM89 R12	26.6
R8909349	TM89 R13	24.5
R8909350	TM89 R14	25

LAB NO	FIELD NUMBER	Fe %
R8909351	TM89 R15	24.3
R8909352	TM89 R16	26.1
R8909353	TM89 R17	3.17
R8909354	TM89 R18	16.3
R8909355	TM89 R19	12.4
R8909356	TM89 R20	32.2
R8909357	M R88	18.5

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IF REQUESTED ANALYSES ARE NOT SHOWN ,RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

Fe AQUA REGIA DECOMPOSITION / AAS

FOREMORE - WD

JOB V 89-0388R
REPORT DATE 11 OCT 1989

LAB NO	FIELD NUMBER	Au PPB	Wt Au GRAM	Ag PPM	Pb PPM	Zn PPM	Cu PPM	Ba(4) PPM	DESCRIPTION (SIZE IN METERS)	LOCATION
R8913686	B89 R21	4720	5	5.2	56	56	140	4173	FLOAT 0.4x0.5 DISSEM. to BANDED PY (15-20%) ALTERED, SILICIFIED	SOUTH BOULDER FIELD
R8913687	B89 R22	<10	5	<.4	17	90	42	681	O/C 1.0 CHIP LMST/TUFF, Fe Carb. Alt, SILICIFIED 1% PY	SOUTH BOULDER FIELD
R8913688	B89 R23	<10	5	<.4	84	1090	19	324	O/C 1.5 CHIP ALTERED LMST/TUFF, Fe Carb. Alt. 1-3% PY	SOUTH BOULDER FIELD
R8913689	B89 R24	26	5	21.0	3200	E17500	411	E184880	FLOAT 0.7x0.6 ALTERED TUFF? 10-15% PY, minor GL, BARITE	SOUTH BOULDER FIELD
R8913690	B89 R25	352	5	3.8	4430	E11400	1670	1010	FLOAT 0.7x0.5 QUARTZ, GL(<1%), PY(<1%), tr. Cpy, MALACHITE/AZURITE STAIN	1.0 Km NORTH of CAMP
R8913691	B89 R26	864	5	15.1	191	1800	E51600	722	FLOAT 0.8x0.6 QUARTZ, Cpy (5%), GL (1%), PY (1%), BORNITE?	1.0 Km NORTH of CAMP

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ANALYTICAL METHODS

Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS
Wt Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)
Ag AQUA REGIA DECOMPOSITION / AAS
Pb AQUA REGIA DECOMPOSITION / AAS
Zn AQUA REGIA DECOMPOSITION / AAS
Cu AQUA REGIA DECOMPOSITION / AAS
Ba(4) X-RAY FLUORESCENCE / PRESSED PELLET

FOREMORE--WD

JOB V 89-0452R
REPORT DATE 11 OCT 1989

LAB NO	FIELD NUMBER	Au PPB	Wt Au GRAM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Ba(4) PPM	DESCRIPTION SIZE IN METERS	LOCATION
R8917449	B89 R27	80	5	3.1	1472	10	335	98	FLOAT 0.5x0.8 QUARTZ, MALACHITE STAINED	2.0 Km NORTH OF CAMP
R8917450	B89 R28	<10	5	.4	42	5	65	191	O/c 2.0 GRAB QUARTZ VEIN (?) tr. PY	NORTH BOULDER ZONE
R8917451	B89 R29	72	5	2.6	66	170	641	721	O/c 2.0 CHIP SHEARED STRONGLY Altered, Sericite, PYRITIC TUFF	NORTH BOULDER ZONE
R8917452	B89 R30	324	5	11.1	127	2840	607	789	FLOAT 0.5x1.0 Altered FELSIC TUFF PY (1%), GL (<1%)	2.0 Km NORTH OF CAMP
R8917453	B89 R31	116	5	9.5	185	E11700	5930	683	FLOAT 0.2x0.4 Altered FELSIC TUFF PY (1%), GL (1%)	2.0 Km NORTH OF CAMP

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ANALYTICAL METHODS

- Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS
- Wt Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)
- Ag AQUA REGIA DECOMPOSITION / AAS
- Cu AQUA REGIA DECOMPOSITION / AAS
- Pb AQUA REGIA DECOMPOSITION / AAS
- Zn AQUA REGIA DECOMPOSITION / AAS
- Ba(4) X-RAY FLUORESCENCE / PRESSED PELLET

FOREMORE – WD

JOB V 89-0459R
REPORT DATE 11 OCT 1989

LAB NO	FIELD NUMBER	Au PPB	WT Au GRAM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	As PPM	Cu(1) %	Pb(1) %	Zn(1) %	Ag(1) G/T	Ag(1) OZ/T	Au(1) G/T	Au(1) OZ/T	DESCRIPTION / SIZE IN METERS	LOCATION
R8917645	LR9197	<10	5	<.4	18	4	27	100								FLOAT 0.2X0.2 SILICIFIED TUFF, PY(<5%)	NORTH END FORE 22
R8917646	LR9198	<10	5	<.4	13	26	19	9								FLOAT DISSEM. PY (10%)	NORTH END FORE 22
R8917647	LR9199	<10	5	<.4	18	4	16	17								FLOAT 0.4X0.4 LMST, PY (2%)	NORTH END FORE 22
R8917648	LR9200	176	5	2.8	46	79	11	580								FLOAT 0.25X0.25 SILICIFIED, PY (15-20%)	NORTH END FORE 22
R8917649	LR9201	<10	5	3.7	201	161	1420	71								LMST, PY DISSEM. to LAMINATED (1-2%)	WEST SIDE BEAR VALLEY
R8917650	LR9202	<10	5	<.4	54	11	20	26								FLOAT, CALCITE VEIN IN SLST PY (25%)	BEAR VALLEY
R8917651	LR9203	3200	5	E128	E12550	510	590	64	1.26					3.086	0.090	FLOAT Altered PY(2%), Cpy(1%), BORNITE	WEST SIDE BEAR VALLEY
R8917652	LR9204	56	5	E314	7410	61	1057	980								FLOAT PY (7-10%), minor MALACHITE	WEST SIDE BEAR VALLEY
R8917653	LR9205	<10	5	4.1	5230	4	24	8								FLOAT LMST, MALACHITE	WEST SIDE BEAR VALLEY
R8917654	WR9206	3000	5	5.1	1523	316	45	25						1.646	0.048	O/C GRAB QUARTZ VEINLETS IN LMST PY-Cpy	WEST SIDE BEAR VALLEY
R8917655	WR9207	<10	5	35.8	1970	2500	1087	9								O/C 1.0 CHIP LMST/TUFF Cpy-GL	WEST SIDE BEAR VALLEY
R8917656	WR9208	<10	5	30.5	868	E10580	2590	10		1.17						FLOAT 0.25 LMST GL-Cpy, tr. PY	WEST SIDE BEAR VALLEY
R8917657	WR9209	E31600	5	27.8	5170	E84500	E11060	4		8.80	1.28			33.271	0.970	O/C QUARTZ LENS IN LMST GL-Cpy-Py	WEST SIDE BEAR VALLEY
R8917658	WR9210	E72200	5	34	E10630	E116500	8110	8	1.13	11.90				93.668	2.732	O/C 1.0 CHIP QUARTZ LENS GL-Cpy-PY	WEST SIDE BEAR VALLEY
R8917659	WR9211	320	5	13.2	6560	738	115	8								FLOAT 1.0 QUARTZ Cpy(1%)	1.5 Km NORTH OF CAMP
R8917660	WR9213	832	5	30.2	E115400	601	118	98	11.40							FLOAT 0.3 QUARTZ, Cpy	2.0 Km NORTH OF CAMP
R8917661	WR9214	<10	5	1.6	215	140	398	20								FLOAT 0.2 FELSIC TUFF PY(5-10%)	2.0 Km NORTH OF CAMP
R8917662	WR9215	4940	5	E209	963	4060	E31900	E1230			3.40			5.828	0.170	FLOAT 0.2 TUFF? PY(7-8%), GL(<1%)	2.0 Km NORTH OF CAMP
R8917663	WR9216	2840	5	E130	7120	E23700	E291000	E11920		2.51	30.00			5.211	0.152	FLOAT 0.4 BANDED Sph, GL, PY, Cpy	2.0 Km NORTH OF CAMP
R8917664	WR9217	4380	5	E209	7120	8240	E239000	E10920			26.00			5.554	0.162	FLOAT 0.6 ARGILLITE Sph, PY, GL	2.0 Km NORTH OF CAMP
R8917665	WR9219	E10420	5	45.8	799	E31000	E22100	E2720		2.57	2.50			11.451	0.334	FLOAT 0.15 FELSIC VOLCANIC? GL, PY	2.0 Km NORTH OF CAMP
R8917666	WR9220	9280	5	52.4	1527	E61300	E88900	E1500		7.10	9.40			9.737	0.284	FLOAT 0.15 SILICIC TUFF? GL, PY	2.0 Km NORTH OF CAMP
R8917667	WR9234	198	5	5	1301	218	4430	470								FLOAT 0.4 MASSIVE PY(70%), MAG (20%)	NORTH END MORE-SIDE GLACIER
R8917668	WR9235	24	5	.8	102	100	348	11								FLOAT 0.25 MASSIVE MAG, PY (5-10%)	NORTH END: MORE-SIDE GLACIER
R8917669	WR9236	78	5	3.7	1591	69	180	101								FLOAT 0.45 MASSIVE PY (70%), MAG (20%)	NORTH END: MORE-SIDE GLACIER
R8917670	WR9240	60	5	1	773	20	258	12								O/C 1.0 CHIP SKARN, MAG (10%), PY(1%), Cpy	NORTH END: MORE-SIDE GLACIER
R8917671	WR9241	80	5	5.3	838	41	135	204								O/C 0.75 FELSIC TUFF/LMST PY(15%), MAG	NORTH END: MORE-SIDE GLACIER

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ANALYTICAL METHODS

- Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS
- Wt Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)
- Ag AQUA REGIA DECOMPOSITION / AAS
- Cu AQUA REGIA DECOMPOSITION / AAS

FOREMORE -WD

JOB V 89-0529R
REPORT DATE 21 OCT 1989

LAB NO	FIELD NUMBER	Cu PPM	Pb PPM	Zn PPM	Au PPB	Wt Au GRAM	Ag PPM	Fe %	Ba(4) PPM	Au(1) G/T	Au(1) OZ/T	DESCRIPTION (SIZE IN METERS)	LOCATION
8921024	WR9252	102	108	157	1584	5	1.9	10.95	469	1.543	0.045	FLOAT 0.6 ANGULAR, SILICEOUS TUFF, ≈15% PY	2.0 Km SOUTH OF CAMP
8921025	WR9253	358	46	34	42	5	3.1	27.3	2547			O/C GRAB 0.75 POD OF WEATHERED OUT MASSIVE PY	2.0 Km SOUTH OF CAMP
8921026	DB9R32	74	68	54	<10	5	1.0	3.84	788			O/C 1.0 CHIP SERICITE, ALT. TUFF & LMST, PY (1%)	WEST SIDE OF BEAR VALLEY, BY ICE
8921027	DB9R33	121	136	99	<10	5	0.4	1.36	384			FLOAT 0.4 x 0.5 LMST, minor PY, tr. GL	NORTH END OF BEAR VALLEY
8921028	DB9R34	804	E13600	2920	<10	5	7.3	1.56	72			FLOAT 0.3 x 0.4 GL (1%), PY (1%), tr. Cpy, MALACHITE	EAST SIDE OF BEAR VALLEY
8921029	WR9256	68	54	88					863			O/C CHIP SAMPLE FELSIC TUFF, CHECK FOR Ba	1.0 Km NORTHWEST OF MORE-SIDE GLACIER
8921030	DB9R35	<1	9130	E50900	<10	5	<.4	24.0	150			FLOAT 0.3 x 0.5	SOUTH BOULDER FIELD
8921031	DB9R36	8	34	155					2502			O/C 1.0 CHIP FELSIC TUFF, CHECK SAMPLE FOR Ba	1.5 Km WEST OF MORE-SIDE GLACIER
8921032	MB9R346	E15400	E32300	E144000	584	5	45.5	7.97	529			FLOAT 0.2 x 0.4	NORTH ZONE 10+00N, 71+00W
8921033	MB9R347	701	E48800	E125000	460	5	39.0	5.54	581			FLOAT 0.2 x 0.3	NORTH ZONE 10+00N, 71+00W
8921034	MB9R348	182	1580	E28500	80	5	12.3	11.28	1231			O/C 0.3 CHIP	NORTH ZONE 8+65N, 71+50W
8921035	MB9R349	186	516	6220	140	5	5.4	4.56	1032			O/C 0.2 CHIP	NORTH ZONE 8+65N, 71+50W
8921036	MB9R350	1530	7370	E32300	24	5	4.5	12.04	460			O/C 0.25 CHIP	NORTH ZONE 10+50N, 68+90W
8921037	MB9R351	2390	3180	E45400	60	5	13.1	6.22	476			O/C 0.16 CHIP	NORTH ZONE 10+50N, 68+90W
8921038	MB9R352	253	59	E20900	132	5	4.8	11.70	469			O/C 1.0 CHIP	NORTH ZONE 10+60N, 68+90W
8921039	MB9R353	44	E121000	E164000	472	5	E125.0	7.19	E46161			CUT OFFS FROM R339 SPECIMEN	NORTH BOULDER FIELD
8921040	MB9R354	55	439	2210	<10	5	0.6	17.8	363			FLOAT 0.4	NORTH BOULDER FIELD
8921041	MB9R355	71	353	3310	<10	5	0.5	20.7	646			FLOAT 0.3 x 0.4	NORTH BOULDER FIELD
8921042	MB9R356	E13900	2120	E13000	532	5	33.1	19.5	258			FLOAT 0.2 x 0.2	NORTH BOULDER FIELD
8921043	MB9R357	E10300	9120	E87600	3600	5	E520.0	11.42	E64732	1.852	0.054	FLOAT 0.8 SAMPLED FROM R339 AFTER BLASTING	NORTH BOULDER FIELD
8921044	MB9R358	82	259	302	500	5	E166.0	18.5	E18449			FLOAT 0.2 x 0.3	NORTH ZONE 10+40N, 73+00W
8921045	MB9R359	3050	E103500	E187000	2600	5	E159.0	8.74	584	1.681	0.049	FLOAT 0.18 x 0.2	NORTH BOULDER FIELD
8921046	MB9R360	6050	E59500	E166000	9600	5	E153.0	16.8	E34100	5.694	0.166	FLOAT 0.2 x 0.2	NORTH ZONE 10+60N, 73+00W
8921047	MB9R361	6760	9450	E83100	3320	5	E146.0	16.7	E11182	2.675	0.078	FLOAT 0.15 x 0.2	NORTH ZONE 10+80N, 73+00W
8921048	MB9R362	806	4520	E12800	300	5	19.5	17.9	762			FLOAT 0.15 x 0.2	NORTH ZONE 9+80N, 72+90W
8921049	MB9R363	130	652	393	64	5	3.5	16.0	494			RUBBLE O/C	NORTH ZONE 9+00N, 72+70W

FOREMORE—WD

JOB V 89-0529R
REPORT DATE 21 OCT 1989

LAB NO	FIELD NUMBER	Cu PPM	Pb PPM	Zn PPM	Au PPB	Wt Au GRAM	Ag PPM	Fe %	Ba(4) PPM	Au(1) G/T	Au(1) OZ/T	DESCRIPTION (SIZE IN METERS)	LOCATION
R8921050	M89R323	2560	837	E169000	860	5	3.7	0.83	122			RUBBLE 0.2	2.0 Km NORTH of CAMP
R8921051	M89R324	E86500	62	590	1060	5	32.1	7.45	143	1.063	0.031	RUBBLE 1.0 CHIP	2.0 Km NORTH of CAMP
R8921052	M89R325	277	1590	E24600	24	5	92.7	19.5	E89259			FLOAT 1 x 1.5 (BY CAMP)	SOUTH BOULDER FIELD
R8921053	M89R326	2530	E65000	E168000	22	5	33.5	8.73	243			O/C 0.6 CHIP SMALL VEINLET GL-SPH	BEAR VALLEY
R8921054	M89R327	82	274	611	<10	5	1.6	29.6	510			OXIDE	BEAR VALLEY
R8921055	M89R328	63	7790	E52500	<10	5	2.0	24.9	177			FLOAT 1.0 x 0.6	NORTH BOULDER FIELD
R8921056	M89R329	E14900	4280	E94000	1632	5	88.9	14.81	E46566	1.646	0.048	FLOAT 0.2	NORTH BOULDER FIELD
R8921057	M89R330	E18800	315	1580	2840	5	88.7	20.1	351	2.813	0.082	FLOAT 0.6 x 0.8	NORTH BOULDER FIELD
R8921058	M89R331	4730	6890	E13600	340	5	35.1	12.34	422			FLOAT 0.4 x 0.6	NORTH BOULDER FIELD
R8921059	M89R332	E15100	E10000	E23300	604	5	71.0	14.52	153			COBBLES	NORTH BOULDER FIELD
R8921060	M89R333	E30200	2700	E51300	2800	5	E121.0	15.61	E33960	2.915	0.085	COBBLE	NORTH BOULDER FIELD
R8921061	M89R334	E27800	4420	E89500	2000	5	E138.0	14.29	E47952	1.886	0.055	COBBLE 0.2	NORTH BOULDER FIELD
R8921062	M89R335	3490	E142500	E303000	1464	5	E188.0	8.67	1730	1.406	0.041	FLOAT 0.3	NORTH BOULDER FIELD
R8921063	M89R336	4100	E106500	E163000	620	5	E129.0	16.1	1355			FLOAT 0.2	NORTH BOULDER FIELD
R8921064	M89R337	79	E81000	E249000	700	5	E162.0	8.12	E27672			FLOAT 0.4 x 0.6	NORTH BOULDER FIELD
R8921065	M89R338	E35300	748	1570	212	5	19.1	22.2	614			FLOAT 0.4	NORTH BOULDER FIELD
R8921066	M89R339	7220	1570	E108000	2400	5	E578.0	16.7	E39615	2.401	0.070	FLOAT 1.0 x 0.8	NORTH BOULDER FIELD
R8921067	M89R340	1330	1570	E123000	952	5	E156.0	18.9	388			FLOAT 0.15	NORTH BOULDER FIELD
R8921068	M89R341	244	E10800	E29800	<10	5	42.3	15.58	E82576			FLOAT LS 0.4	NORTH BOULDER FIELD
R8921069	M89R342	59	91	396	<10	5	3.8	22.4	842			FLOAT 0.15	NORTH BOULDER FIELD
R8921070	M89R343	2910	E65000	E149000	2360	5	E143.0	13.33	E51158	2.401	0.070	FLOAT 0.2 x 0.3	NORTH ZONE 10+80N, 73+00W
R8921071	M89R344	6590	9050	E167000	1282	5	E222.0	14.12	E7314	1.372	0.040	FLOAT 0.15 x 0.2	NORTH ZONE 10+80N, 73+00W
R8921072	M89R345	2430	E57500	E155000	2880	5	E179.0	13.16	E34676	2.058	0.060	FLOAT 0.1 x 0.2	NORTH ZONE 10+80N, 73+00W

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ANALYTICAL METHODS

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FOREMORE-WD

JOB V 89-0540R
REPORT DATE 21 OCT 1989

B NO	FIELD NUMBER	Au PPB	Wt Au GRAM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Fe %	Ba(4) PPM	Au(1) G/T	Au(1) OZ/T	DESCRIPTION	SIZE IN METERS	LOCATION
721674	N89R364	28	5	E110.0	288	4670	E47100	22.3				FLOAT (BY CAMP)	1.0	SOUTH BOULDER FIELD
721675	N89R365	572	5	53.3	1230	E56300	E141000	5.16				FLOAT	0.1 x 0.2	NORTH BOULDER FIELD
721676	N89R366	3840	5	E337.0	5100	2950	E63300	17.9		3.807	0.111	FLOAT	0.1 x 0.15	NORTH BOULDER FIELD
721677	N89R367	340	5	73.1	1400	E90500	E94000	7.15				FLOAT	0.2	NORTH BOULDER FIELD
721678	N89R368	672	5	27.4	358	E15600	E25800	10.47				FLOAT	0.6	NORTH ZONE 10+90N, 72+80W
721679	N89R369	530	5	50.8	1330	E31300	E186000	18.6				FLOAT	0.1	NORTH BOULDER FIELD
721680	N89R370	3920	5	E200.0	E87000	2530	E58000	15.81		3.430	0.100	FLOAT	0.2	NORTH BOULDER FIELD
721681	N89R371	1160	5	E145.0	8970	E83500	E160000	9.90		1.269	0.037	FLOAT	0.2 x 0.3	NORTH BOULDER FIELD

INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
REQUESTED ANALYSES ARE NOT SHOWN /RESULTS ARE TO FOLLOW

LYTICAL METHODS

- Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS
- Wt Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)
- Ag AQUA REGIA DECOMPOSITION / AAS
- Cu AQUA REGIA DECOMPOSITION / AAS
- Pb AQUA REGIA DECOMPOSITION / AAS
- Zn AQUA REGIA DECOMPOSITION / AAS
- Fe AQUA REGIA DECOMPOSITION / AAS
- Ba(4) X-RAY FLUORESCENCE / PRESSED PELLET
- Au(1) FIRE ASSAY /LEAD COLLECTION /AA (LOW LEVEL) OR GRAV. FINISH (HIGH LEVEL)
- Au(1) FIRE ASSAY /LEAD COLLECTION /AA (LOW LEVEL) OR GRAV. FINISH (HIGH LEVEL)

FOREMORE GROUP ASSESSMENT REPORT

SILT AND SOIL SAMPLING

GEOCHEMICAL RESULTS

FOREMORE—WD

JOB V 89-0389S
REPORT DATE 11 OCT 1989

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	#	M	O	S	COL	SZ	OR	D W	D cm	Wn S	F H	P pH	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	Wt Au GRAM
S8914139	92508					2	1	1	1G	12	1	3	02	1	1		38	16	107	<.4	7		
S8914140	92509					2	1	1	1G	15	1	3	05	1	2		25	5	66	<.4	10		
S8914141	92510					2	1	1	1G	12	1	3	05	10	2		19	4	60	<.4	3		
S8914142	92511					2	1	1	1G	12	1	3	02	1	2		61	4	72	<.4	3		
S8914143	92512					2	1	1	1G	12	2	3	05	1	2		50	4	72	<.4	7		
S8914144	92513					2	1	1	2G	15	2	3	10	10	3		46	10	65	<.4	14		
S8914145	92514					2	1	1	2G	2	1	3	15	2	3		34	5	65	<.4	11		
S8914146	92515					2	1	1	2G	13	1	3	20	4	3		38	7	64	<.4	13		
S8914147	92516					2	1	1	2G	5	2	3	10	20	2		42	11	70	<.4	23		
S8914148	92517					2	1	1	2G	35	2	3	15	1	3		52	17	92	<.4	18		
S8914149	92518					2	1	1	2G	15	1	3	10	2	2		43	7	80	<.4	6		
S8914150	92519					2	1	1	2G	12	1	3	20	2	3		126	35	172	<.4	39		
S8914151	92520					2	1	1	2G	13	1	3	10	1	3		117	60	364	<.4	68		
S8914152	92521					2	1	1	2G	12	1	3	50	5	3		66	14	103	<.4	11		
S8914153	96501					1	3	2	B	35	2	1	10	3	B		14	8	71	<.4	<2	<10	10
S8914154	96502					1	2	1	BG	45	2	2	20	2	B		5	9	40	<.4	<2	<10	10
S8914155	96503					1	2	1	BG	45	2	2	25	3	B		21	7	60	<.4	<2	<10	10
S8914156	96504					1	2	2	BR	45	1	2	30	2	C		35	13	131	<.4	5	<10	10
S8914157	96505					1	2	2	3B	4	2	1	20	3	B		24	12	116	<.4	<2	<10	10
S8914158	96506					1	2	2	BY	35	1	1	20	2	B		44	6	99	<.4	<2	<10	10
S8914159	96507					1	2	2	BR	4	1	1	25	2	B		31	9	90	<.4	5	<10	10
S8914160	96508					1	2	2	1B	34	2	1	15	2	B		5	7	17	<.4	<2	<10	10
S8914161	96509					1	2	2	1B	4	3	1	20	3	B		9	7	45	<.4	<2	<10	10
S8914162	96510					1	2	2	1B	4	3	1	15	3	B		20	7	48	<.4	3	<10	10
S8914163	96511					1	2	2	1B	4	2	1	20	3	B		42	5	77	<.4	<2	<10	10
S8914164	96512					1	2	2	1B	4	2	1	20	3	B		14	7	34	<.4	<2	<10	10
S8914165	96513					1	3	2	1B	35	1	1	10	3	B		11	9	49	<.4	<2	<10	10
S8914166	96514					1	2	2	1B	34	2	1	20	2	B		33	11	67	<.4	<2	<10	10
S8914167	96515					1	2	2	1B	4	2	1	15	3	B		70	5	91	<.4	9	<10	10
S8914168	96516					1	2	2	1B	45	1	1	20	3	B		24	8	66	<.4	5	<10	10
S8914169	96517					1	2	1	BG	25	2	1	15	3	B		137	6	95	<.4	4	<10	10
S8914170	96518					1	2	2	2B	4	3	1	20	3	B		30	9	61	<.4	<2	<10	10
S8914171	96519					1	2	2	1B	4	2	1	15	3	B		25	8	74	<.4	10	<10	10

CREEK SILT SAMPLES
SEE PLATES 4,5

SOIL CONTOUR LINE
SEE PLATES 4,5

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	#	M	O	S	COL	SZ	OR	W	B cm	Mn S	F H	P	pH	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	Wt Au GRAM
S8914172	96520					1	3	2	1B	34	1	1	05	4	B			68	8	65	<.4	13	<10	10
S8914173	96521					1	2	2	2B	4	1	1	20	3	B			25	8	39	<.4	7	<10	10
S8914174	96522					1	2	4	2B	4	2	2	25	3	B			18	6	35	<.4	11	10	10
S8914175	96523					1	2	1	BR	34	2	2	20	3	B			80	7	80	<.4	18	<10	10
S8914176	96524					1	2	2	2B	4	2	2	15	3	B			34	10	63	<.4	8	11	10
S8914177	96525					1	2	2	2B	45	2	2	15	3	B			21	9	62	<.4	10	<10	10
S8914178	96526					1	3	1	1B	35	1	2	10	4	B			134	6	87	<.4	8	<10	10
S8914179	96527					1	2	2	2B	4	2	2	20	3	B			14	7	55	<.4	4	<10	10
S8914180	96528					1	2	2	1B	4	3	1	20	3	B			12	6	51	<.4	<2	<10	10
S8914181	96529					1	3	2	2B	24	1	1	15	3	B			43	9	70	<.4	6	<10	10
S8914182	96530					1	2	2	2B	4	2	1	20	2	B			28	6	55	<.4	4	<10	10
S8914183	96531					1	2	2	1B	34	1	1	15	3	B			28	7	66	<.4	4	<10	10
S8914184	96532					1	2	1	1B	5	1	1	05	3	B			72	8	85	<.4	9	<10	10
S8914185	96533					1	2	2	B	4	3	1	15	2	B			14	5	56	<.4	6	<10	10
S8914186	96534					1	2	2	1B	4	3	1	15	2	B			38	27	115	<.4	23	<10	10
S8914187	96535					1	2	2	2B	4	3	1	15	2	B			21	13	51	<.4	13	<10	10
S8914188	96536					1	2	2	2B	24	3	2	15	2	B			71	48	187	<.4	33	<10	10
S8914189	96537					1	2	2	1B	24	2	2	15	2	B			88	109	295	<.4	25	<10	10
S8914190	96538					1	2	2	2B	4	3	1	20	2	R			31	11	56	<.4	13	<10	10
S8914191	96539					1	2	2	1B	24	2	1	15	2	B			89	92	181	<.4	37	<10	10
S8914192	96540					1	2	2	1B	4	2	1	15	3	B			34	15	85	<.4	14	<10	10
S8914193	96541					1	2	2	1B	4	2	1	20	3	B			51	14	78	<.4	17	<10	10
S8914194	96542					1	2	2	1B	45	1	1	05	3	B			121	29	132	<.4	22	<10	10
S8914195	96543					1	2	2	1B	4	2	1	20	2	B			22	19	99	<.4	16	<10	10
S8914196	96544					1	2	2	2B	4	2	1	20	2	B			20	16	62	<.4	13	<10	10
S8914197	96545					1	2	2	2B	45	2	1	20	2	B			35	45	104	1.6	51	<10	10
S8914198	96546					1	2	2	2B	4	2	1	10	2	B			25	87	161	1	55	<10	10
S8914199	96547					1	2	2	2B	5	1	1	15	3	B			64	89	122	<.4	37	<10	10
S8914200	96548					1	2	2	3B	4	2	1	15	2	B			31	69	77	<.4	47	<10	10
S8914201	96549					1	2	2	BY	45	2	2	15	2	B			99	45	124	<.4	36	<10	10
S8914202	96550					1	2	2	2B	4	2	1	15	2	B			41	37	96	<.4	31	<10	10
S8914203	96551					1	2	2	BY	4	1	1	15	3	B			28	26	80	.4	15	<10	10

SOIL CONTOUR LINE
SEE PLATES 4, 5

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
IF REQUESTED ANALYSES ARE NOT SHOWN ,RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

Cu 20% HNO3 DECOMPOSITION / AAS
Pb 20% HNO3 DECOMPOSITION / AAS

FOREMORE—WD

JOB V 89-0461S
REPORT DATE 11 OCT 1989

LAB NUMBER	FIELD NO	MAP	ZONE	EAST	NORTH	#	M	O	S	COL	SZ	OR	H	D cm	Nw S	F H	P	pH	Au ppb	Wt Au gram	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Ba ppm
S8915704	110229			KA	+0	1	1	5		2B	24	1	1	10	2	C			<10	10	<.4	30	12	228	657
S8915705	110230			KA	-50	1	1	5		2B	42	1	3	10	2	C			<10	10	<.4	53	9	154	636
S8915706	110231			KA	-100	1	1	5		2B	21	1	2	10	2	C			<10	10	<.4	45	10	159	502
S8915707	110232			KA	-150	1	1	5		2B	24	1	2	10	2	C			<10	10	<.4	39	5	92	522
S8915708	110233			KA	-200	1	1	5		2B	24	1	2	10	2	C			<10	10	<.4	41	10	147	583
S8915709	110234			KA	-250	1	1	5		1B	13	1	1	5	3	C			<10	10	<.4	32	<4	54	457
S8915710	110235			KA	-310	1	1	5		BG	21	1	2	5	2	C			<10	10	<.4	187	9	128	746
S8915711	110236			KA	-400	1	1	5		1B	12	1	1	10	3	C			<10	10	<.4	75	7	107	837
S8915712	110237			KA	-450	1	1	5		2B	14	1	2	10	2	C			<10	10	<.4	84	6	89	615
S8915713	110238			KA	-500	1	1	5		2B	24	1	2	10	2	C			<10	10	<.4	81	8	132	668
S8915714	110239			KA	-540	1	1	5		BG	32	1	3	10	2	C			<10	10	<.4	81	13	97	506
S8915715	110240			KA	-610	1	1	5		2B	21	1	2	5	3	C			<10	10	<.4	72	6	102	627
S8915716	110241			KA	-650	1	1	5		1B	24	1	2	10	3	C			<10	10	<.4	95	4	116	646
S8915717	110242			KA	-700	1	1	5		2B	24	1	2	10	3	C			<10	10	<.4	111	4	113	558
S8915718	110243			KA	-750	1	1	5		BG	14	1	2	10	2	C			<10	10	<.4	99	4	101	717
S8915719	110244			KA	-800	1	1	5		BG	14	1	2	10	2	C			<10	10	<.4	93	<4	141	623
S8915720	110245			KA	-850	1	1	5		1B	14	1	2	10	2	C			<10	10	<.4	62	5	85	510
S8915721	110246			KA	-900	1	1	5		BG	24	1	2	10	2	C			<10	10	<.4	68	<4	91	541
S8915722	110247			KA	-980	1	1	5		BG	41	1	2	10	2	C			<10	10	<.4	66	5	92	645
S8915723	110248			KA	-1040	1	1	5		BG	12	1	2	10	3	C			<10	10	<.4	51	7	117	835
S8915724	96651			KA	-1100	1	1	5		1B	12	1	1	10	3	C			<10	10	<.4	50	10	125	1296
S8915725	96652			KA	-1170	1	1	5		2B	12	1	2	10	2	C			<10	10	<.4	79	15	294	1072
S8915726	96653			KA	-1210	1	1	5		1B	12	1	2	10	2	C			<10	10	<.4	81	83	133	846
S8915727	96654			KA	-1250	1	1	5		1B	24	1	1	10	2	C			30	10	.5	72	217	349	1057
S8915728	96655			KA	-1300	1	1	5		1B	21	1	1	10	2	C			15	10	<.4	56	6	69	1145
S8915729	96656			KA	-1410	1	1	5		BG	24	1	2	10	3	C			19	10	<.4	78	12	92	875
S8915730	96657			KA	-1450	1	1	5		BG	24	1	2	10	3	C			<10	10	<.4	104	20	110	936
S8915731	96658			KA	-1500	1	1	5		BG	12	1	1	5	3	C			<10	10	<.4	127	20	132	918
S8915732	96659			KA	-1550	1	1	5		BG	21	1	1	5	3	C			<10	10	<.4	103	14	104	848
S8915733	96660			KA	-1600	1	1	5		BG	21	1	1	10	4	C			<10	10	<.4	171	7	83	890
S8915734	96661			KA	-1650	1	1	5		BG	12	1	2	5	3	C			<10	10	<.4	154	14	108	880
S8915735	96662			KA	-1700	1	1	5		2B	21	1	2	10	3	C			19	10	<.4	123	14	116	1017
S8915736	96663			KA	-1750	1	1	5		BG	21	1	1	10	3	C			<10	10	<.4	101	8	102	862

CONTOUR
SOIL LINE KA
SEE PLATES 4,5

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	#	M	O	S	COL	SZ	OR	W	D cm	Mn S	F H	P	pH	Au PPB	Wt Au GRAM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Ba PPM
S8915737	96664		KA	-1800	1	1	5		BG	21	1	1	10	3	C			40	10	<.4	89	4	72	819
S8915738	96665		KA	-1860	1	1	5		BG	13	1	3	10	3	C			<10	10	<.4	118	6	68	710
S8915739	96666		KA	-1900	1	1	5		BG	21	1	1	10	3	C			<10	10	<.4	75	<4	53	647
S8915740	96667		KA	-1950	1	1	5		1B	24	1	1	10	3	C			<10	10	<.4	80	<4	58	615
S8915741	96668		KA	-2000	1	1	5		1B	24	1	2	10	3	C			<10	10	<.4	79	5	69	702

CONTOUR SOIL LINE KA
SEE PLATES 4,5

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
IF REQUESTED ANALYSES ARE NOT SHOWN ,RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS

Ag 20% HNO3 [illegible] / AAS

Pb 20% HNO3 [illegible] / AAS

Ba X-RAY [illegible]

FOREMORE-WD

JOB V 89-0530S
REPORT DATE 9 NOV 1989

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	#	M	O	S	COL	SZ	OR	W	D cm	Hm S	F H	P	pH	Au PPB	Wt Au GRAM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	As PPM	Ba PPM
S8919555	96740		+2000	KB	1	1	4		2B	34	1	1	15	2	B			<10	10	0.6	113	20	107	<2	399
S8919556	96741		+2050	KB	1	1	4		2B	34	1	1	15	2	C			<10	10	<.4	72	13	93	<2	469
S8919557	96742		+2100	KB	1	1	4		2B	42	1	1	10	2	C			<10	10	0.5	169	21	101	6	644
S8919558	96743		+2150	KB	1	1	4		DR	4	1	2	20	2	B			<10	10	<.4	75	18	96	5	474
S8919559	96744		KA	-2050	1	1	5		DG	13	1	1	10	3	C			<10	10	<.4	88	11	89	6	694
S8919560	96745		KA	-2110	1	1	5		1B	14	1	2	10	3	C			<10	10	<.4	118	15	129	13	941
S8919561	96746		KA	-2150	1	1	5		1B	24	1	2	10	3	C			<10	10	<.4	117	18	157	25	1127
S8919562	96747		KA	-2200	1	1	5		DG	2	1	2	05	3	C			<10	10	<.4	124	15	113	15	819
S8919563	96748		KA	-2250	1	1	5		1B	23	1	1	05	3	C			<10	10	<.4	105	17	131	15	726
S8919564	96749		KA	-2300	1	1	5		1B	24	1	1	10	3	C			<10	10	0.5	137	40	142	47	1259
S8919565	96750		KA	-2350	1	1	5		1B	21	1	1	10	3	C			<10	10	0.4	125	20	181	23	782
S8919566	96552		KA	-2400	1	1	5		1B	24	1	1	10	3	C			<10	10	<.4	106	11	144	11	708
S8919567	96553		KA	-2450	1	1	5		1B	21	1	1	10	3	C			<10	10	<.4	98	19	171	20	747
S8919568	96554		KA	-2500	1	1	5		1B	24	1	1	10	3	C			<10	10	<.4	126	34	240	34	960
S8919569	96555		KA	-2550	1	1	5		1B	14	1	1	10	3	C			<10	10	0.4	125	31	208	37	697
S8919570	96556		KA	-2600	1	1	5		1B	12	1	1	10	3	C			32	10	0.4	135	88	170	33	866
S8919571	96557		KA	-2650	1	1	5		2B	24	1	2	10	3	C			<10	10	<.4	91	27	154	25	700
S8919572	96558		KA	-2700	1	1	5		1B	21	1	1	10	3	C			<10	10	<.4	101	44	211	25	684
S8919573	96559		KA	-2750	1	1	5		2B	24	1	2	10	3	C			<10	10	<.4	68	12	112	11	787
S8919574	96560		KA	-2800	1	1	5		1B	2	1	1	05	3	C			21	10	<.4	140	23	120	11	763
S8919575	96561		KA	-2850	1	1	5		1B	12	1	1	05	3	C			<10	10	<.4	128	15	105	13	812
S8919576	96562		KA	-2900	1	1	5		2B	12	1	2	05	3	C			<10	10	<.4	70	16	111	14	778
S8919577	96563		KA	-2950	1	1	5		2B	24	1	2	10	3	C			<10	10	0.4	88	18	171	14	1187
S8919578	96564		KA	-3000	1	1	5		2B	24	1	2	10	3	C			<10	10	<.4	75	17	118	9	701
S8919579	96565		KA	-3050	1	1	5		2B	42	1	2	10	3	C			<10	10	0.4	85	19	129	12	598
S8919580	96700		+0	KB	1	1		4	2B	34	1	2	20	3	B			<10	10	<.4	56	20	147	19	339
S8919581	96701		+50	KB	1	1		4	2B	43	1	2	20	3	B			<10	10	<.4	16	15	51	7	341
S8919582	96702		+100	KB	1	1		4	2B	34	1	2	20	3	B			<10	10	<.4	37	15	92	9	219
S8919583	96703		+150	KB	1	1		4	2B	43	2	2	20	3	B			<10	10	<.4	30	23	100	33	242
S8919584	96704		+200	KB	1	1		4	DR	43	1	2	20	3	B			<10	10	<.4	21	15	108	12	140
S8919585	96705		+250	KB	1	1		4	2B	42	1	2	20	3	B			42	10	3.0	54	2870	442	E1240	460
S8919586	96706		+300	KB	1	1		4	2B	43	1	2	20	3	B			<10	10	3.3	33	21	74	31	321
S8919587	96707		+350	KB	1	1		4	DG	52	1	2	25	2	B			<10	10	0.9	115	48	312	47	744

CONTOUR SOIL LINE KB SEE PLATES 4,5

CONTOUR SOIL LINE KA SEE PLATES 4,5

CONTOUR SOIL LINE KB SEE PLATES 4,5

LAB NUMBER	FIELD NO	MAP ZONE	EAST	NORTH	B	H	O	S	COL	SZ	OR	N	D CM	Nm S	F N	P	pH	Au PPB	Wt Au GRAM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	As PPM	Ba PPM
S8919588	96708		+400	KB	1	1		4	2B	42	1	1	10	2	B			<10	10	<.4	74	38	247	32	463
S8919589	96709		+450	KB	1	1		4	2B	43	2	1	10	2	B			<10	10	<.4	30	19	59	14	120
S8919590	96710		+500	KB	1	1		4	3B	4	2	2	30	3	B			<10	10	<.4	49	43	103	26	332
S8919591	96711		+550	KB	1	1		4	2B	42	1	1	20	3	B			<10	10	1.3	140	116	190	58	702
S8919592	96712		+600	KB	1	1		4	3B	42	2	2	25	3	B			<10	10	<.4	32	9	78	9	458
S8919593	96713		+650	KB	1	1		4	2B	24	2	1	20	3	B			<10	10	<.4	67	26	88	17	481
S8919594	96714		+700	KB	1	1		4	2B	4	1	2	15	3	B			<10	10	<.4	92	61	342	71	669
S8919595	96715		+750	KB	1	1		4	1B	52	1	2	10	3	B			<10	10	<.4	116	20	143	17	740
S8919596	96716		+800	KB	1	1		4	1B	45	1	2	20	2	B			<10	10	<.4	98	12	91	11	669
S8919597	96717		+850	KB	1	1		4	1B	45	1	2	20	2	B			<10	10	<.4	29	19	64	25	257
S8919598	96718		+900	KB	1	1		4	2B	45	1	2	20	2	B			<10	10	<.4	76	22	99	23	336
S8919599	96719		+950	KB	1	1		4	BR	4	1	2	25	3	B			<10	10	<.4	64	11	85	9	511
S8919600	96720		+1000	KB	1	1	4		1B	4	1	1	10	3	C			<10	10	0.4	70	20	121	18	602
S8919601	96721		+1050	KB	1	1	4		1B	42	1	3	15	3	B			<10	10	<.4	59	12	65	9	662
S8919602	96722		+1100	KB	1	1	4		2B	4	1	2	20	2	B			<10	10	0.4	81	25	128	18	524
S8919603	96723		+1150	KB	1	1	4		1B	4	1	2	20	2	B			<10	10	<.4	30	25	80	17	606
S8919604	96724		+1200	KB	1	1	4		2B	42	1	2	15	3	B			<10	10	<.4	91	18	100	33	496
S8919605	96725		+1250	KB	1	1	4		2B	42	1	2	25	3	B			<10	10	<.4	63	15	102	18	369
S8919606	96726		+1300	KB	1	1	4		2B	42	1	3	15	2	B			<10	10	0.4	33	10	74	17	544
S8919607	96727		+1350	KB	1	1	4		2B	42	1	1	15	4	C			<10	10	0.7	189	27	146	45	712
S8919608	96728		+1400	KB	1	1	3		1B	34	1	1	10	4	C			18	10	0.6	148	28	139	30	699
S8919609	96729		+1450	KB	1	1	3		1B	32	1	1	10	4	C			50	10	0.4	91	28	118	52	477
S8919610	96730		+1500	KB	1	1	3		1B	34	1	1	10	3	C			<10	10	0.5	162	29	106	10	441
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S8919613	96733		+1650	KB	1	1	2		1B	34	1	1	10	3	B			<10	10	0.7	140	27	107	20	520
S8919614	96734		+1700	KB	1	1	4		1B	34	1	1	15	3	B			<10	10	0.4	112	14	90	17	524
S8919615	96735		+1750	KB	1	1	4		2B	42	1	1	15	2	B			<10	10	0.7	101	61	249	24	715
S8919616	96736		+1800	KB	1	1	4		1B	43	1	1	10	3	B			16	10	<.4	65	18	110	18	469
S8919617	96737		+1850	KB	1	1	2		1B	42	1	1	15	3	C			<10	10	<.4	96	21	107	16	651
S8919618	96738		+1900	KB	1	1	4		1B	43	1	1	10	2	C			<10	10	<.4	66	34	125	4	447
S8919619	96739		+1950	KB	1	1	4		2B	43	1	1	15	3	C			<10	10	<.4	76	14	114	<2	469

CONTOUR
SOIL LINE KB
SEE PLATES 4,5

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
IF REQUESTED ANALYSES ARE NOT SHOWN ,RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS

Wt Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)

APPENDIX IV

ANALYTICAL METHODS

All analyses were carried out at the Cominco Research Laboratory in Vancouver.

ROCK SAMPLES:

Element	Method
Au	Aqua Regia Decomposition/Solvent Extraction/AAS
Ag/Cu/Pb/Zn/Fe	Aqua Regia Decomposition/AAS
As	Pyrosulphate Fusion/Colorimetric
Ba	X-Ray Fluorescence/Pressed Pellet
Cu/Pb/Zn	Assay
Ag	Fire Assay/Lead Collection/AA(low level) or grav. finish (high level)
Au	Fire Assay/Lead Collection/AA (low level) or grav. finish (high level)

SILT and SOIL SAMPLES

Element	Method
Au	Aqua Regia Decomposition/Solvent Extraction/AAS
Ag/Cu/Pb/Zn	20% HNO_3 Decomposition/AAS
As	Pyrosulphate Fusion/Colorimetric
Ba	X-Ray Fluorescence/Loose Powder

APPENDIX V

STATEMENT OF QUALIFICATIONS

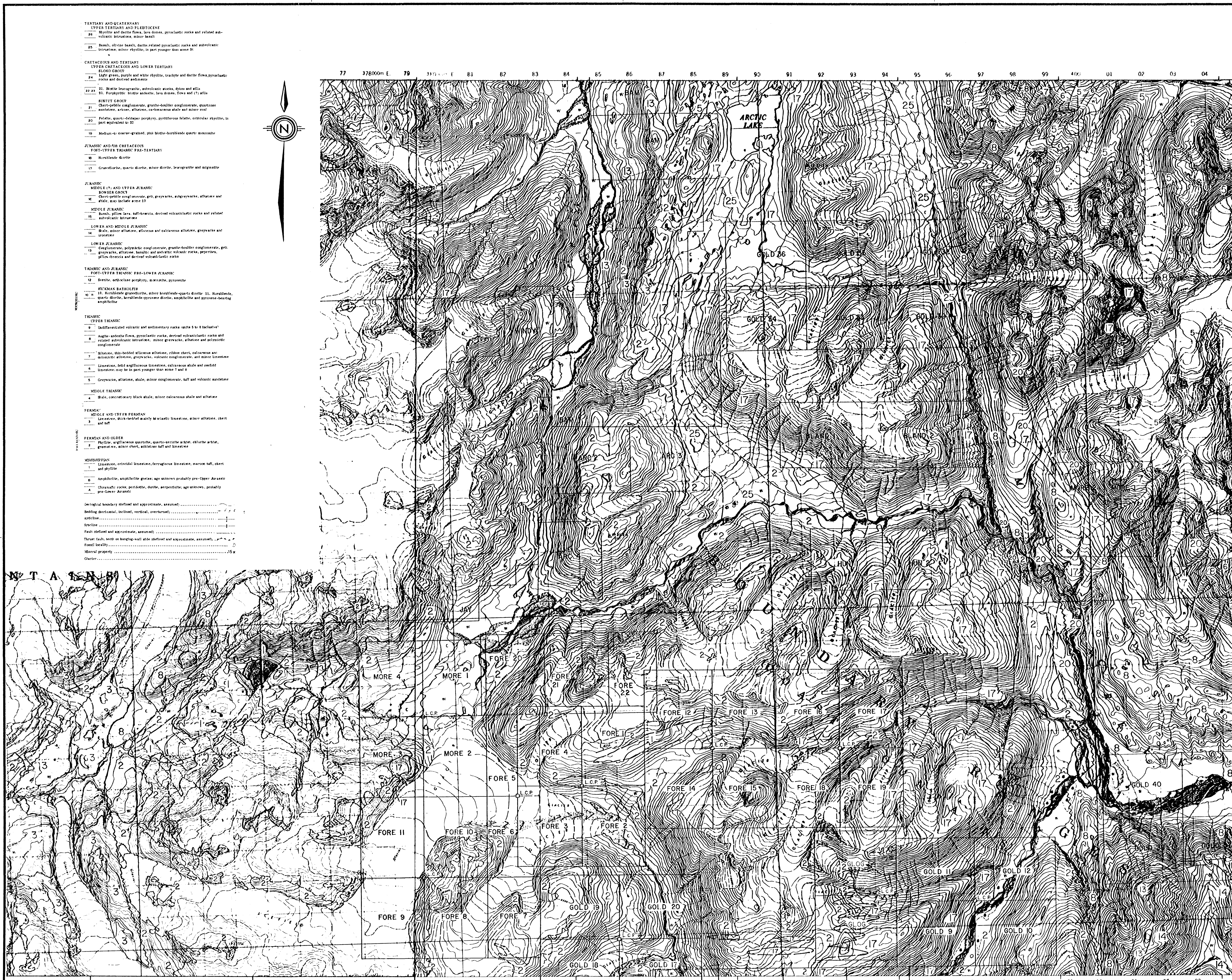
I, D. RUSSELL BARNES, of 9-2425 West 2nd Avenue, Vancouver, British Columbia, Canada, declare that:

1. I am a Geologist, residing at the above address.
2. I graduated from the University of British Columbia in 1988 with a Bachelor of Science (Geology) Degree.
3. This report is based on my personal field examination of the Foremore Property and I have interpreted the data resulting from this work.

Dated at Vancouver, British Columbia, this 17th day of November, 1989.

D. Russell Barnes

D. Russell Barnes
Geologist



GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,379

KILOMETRES
0 0.5 1 2 3 4

FOREMORE AREA		NTS 104 G/2,3
Drawn by M.A.	Traced by	REGIONAL GEOLOGICAL MAP WITH CLAIM LOCATIONS
Revised by A.B.M. / D.R.B.	Date Nov/88 / Oct/89	
Scale 1:50,000	Date November, 1988	Plate 1

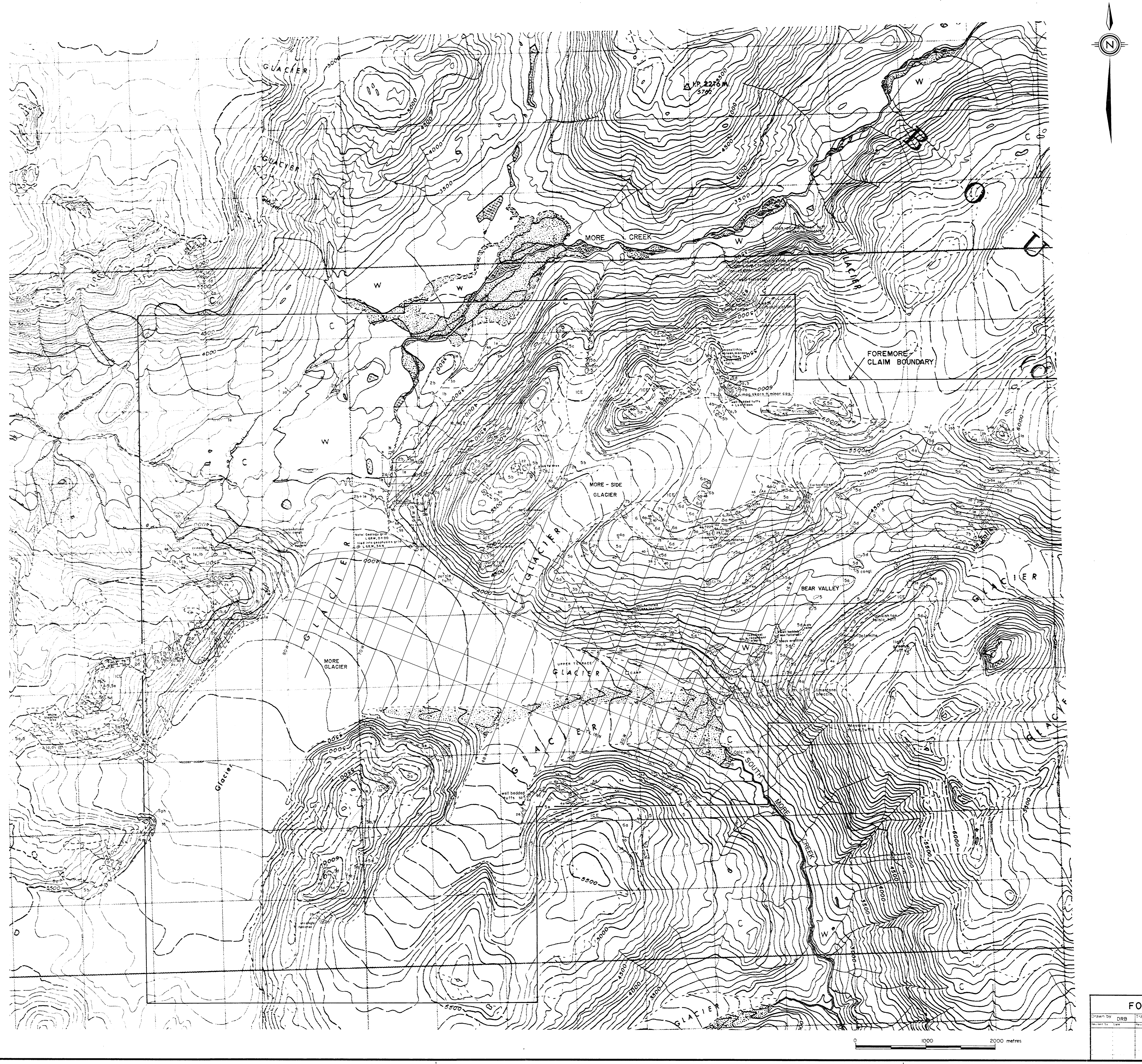
FOREMORE PROPERTY

NTS 104 G/2,3

Drawn by DRB | Traced by

CLAIM MAP and location of GEOPHYSICAL & GEOLOGICAL GRIDS

Scale 1: 20,000 | Date OCTOBER, 1989 | Plate 2



LEGEND

POST TRIASSIC INTRUSIVES

11	Basalt dykes - vesicular, weakly magnetic
10	Lamprophyre dykes - micaceous
9	Diorite - fine to medium grained, dark green coloured
8	Granodiorite - medium grained, +/- epidote altered
7	Syenodiorite to Monzodiorite
7a	areas flooded with plagioclase & potassic feldspar, small veinlets and vein swarms with host rock alteration. Salmon pink feldspar and chloritized mafics
7b	Dykes, sills and plugs Light pink to orange coloured

TRIASSIC?

6	Undifferentiated pyroclastics - massive, thick bedded tuffs
6a	Ash to lapilli tuffs - thin bedded, careous weathered, minor volcaniclastics
6b	Crystal tuff - feldspar & pyroxene (augite), massive, medium to dark green
6c	Dacitic tuff - massive
6d	Volcanic conglomerate - green & maroon clasts, subangular to well rounded commonly clast supported (2 cm to 50 cm diameter clasts)

PALEOZOIC

PERMIAN/MISSISSIPPIAN?

5	Undifferentiated volcanics - massive to weakly foliated, medium to dark green coloured. occasional mafic phenocrysts and crystals
5a	Ash, crystal and lapilli tuffs - thick bedded, medium to dark green/grey, weak to well foliated, commonly careous weathered.
5b	Andesite to basalt, flow breccias, pillowed flows, massive flows and swirled flows - flow breccia, commonly careous weathered bombs, dark green-grey. Swirled flows, dark green and purple.
5c	Pyroxene & feldspar porphyritic flows - massive to weakly foliated, phenocrysts 2-6 mm, pervasively epidotized.
5d	Felsic tuffs - white to light green coloured, ash to lapilli size; moderately to well foliated.
5e	Dust & ash tuffs - light to medium green, thin bedded, weak foliation parallel bedding.
4a	Limestone +/- chert, argillite and tuff medium to dark grey interbedded with tuffs
4b	Crinoidal limestone - white to light green, well preserved crinoids
4c	Carbonaceous argillite, cherty argillite and chert pebble conglomerate
3a	Swirled green & maroon tuff & flow breccia - well foliated, wavy foliation around fragments and bombs
3b	Swirled green & maroon tuff & flow breccia - weakly foliated

DEVONIAN?

2	Undifferentiated phyllitic to schistose volcanics
2a	Felsic tuffs - well foliated, ash to lapilli. Locally thin bands pyrite, sphalerite, galena & chalcopyrite
2b	Intermediate to mafic volcanics - moderately to well foliated, careous weathering
2c	Limestone +/- crinoids
1a	Black siliceous phyllite - +/- cherty bands, minor black quartzite. Locally pyritic, minor marcasite
1b	Grey to black argillaceous phyllite - +/- carbonaceous. Laminated, blebby and disseminated pyrite
1c	Maroon phyllite
1d	Silver to buff phyllite. Locally minor pyrite, sphalerite & galena.
1e	Chloritic phyllite/schist - light green coloured
1f	Quartz-sericite-schist - white, light yellow coloured, talc, +/- quartz eyes
1g	White ash phyllite - talc, +/- quartz eyes Minor pyrite, sphalerite, galena

SYMBOLS

Limit Outcrop
Geologic contact (defined, approximate, assumed)
Fault (defined, approximate, assumed)
Bedding (S_0)
Foliation (S_1)
Foliation (S_2)
Lineation (L_1)
Lineation (L_2)
Vein
Fracture
Fold Axis (F_1)
Fold Axis (F_2)

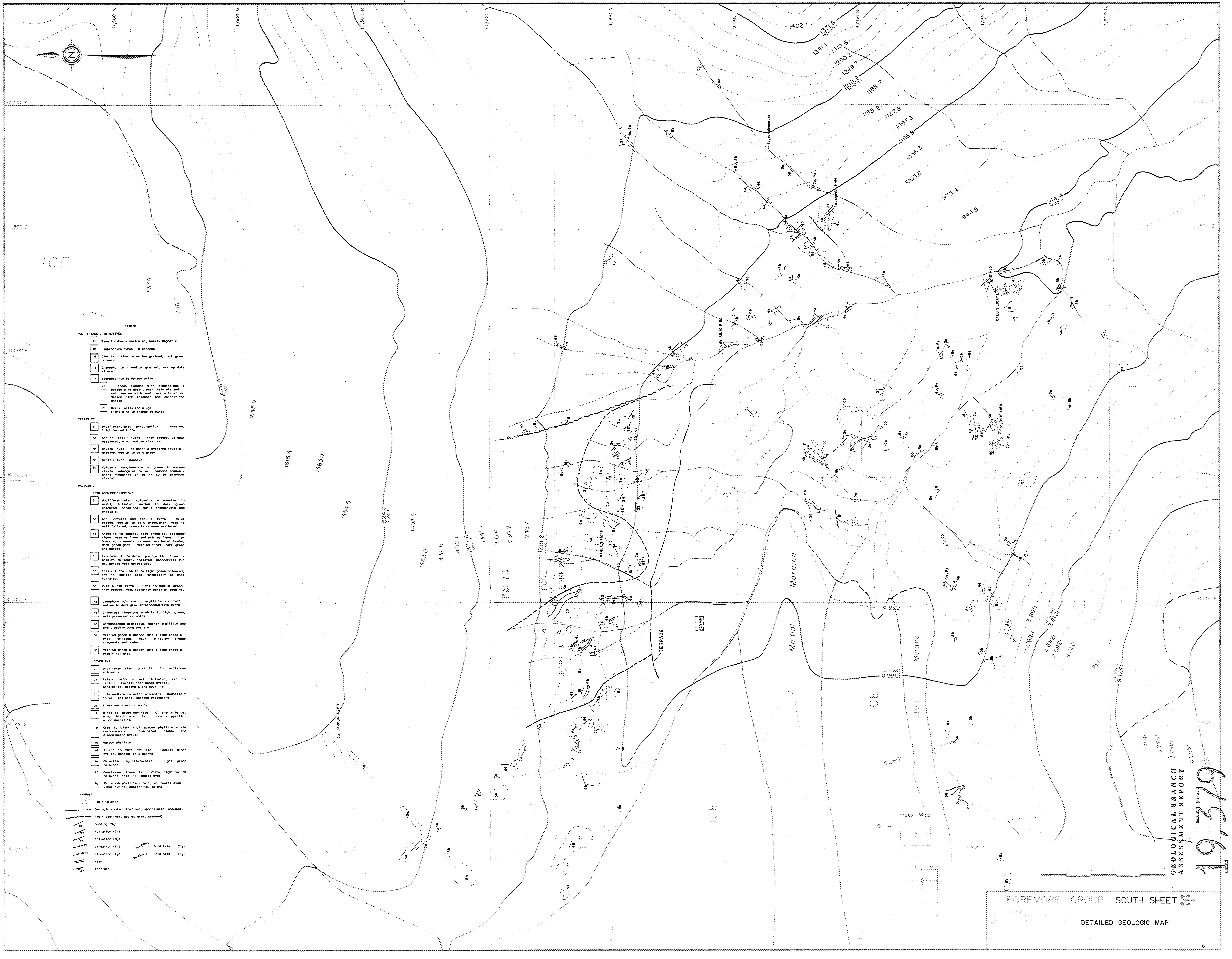
GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,379

N.T.S. 104-G/2,3

FOREMORE PROPERTY		
Drawn by: DRB	Traced by:	REGIONAL GEOLOGICAL PROPERTY MAP
Revised by / Date	Revised by / Date	
Scale: 1:20,000	Date: Oct., 1989	Plate: 3

FORM 210 - 0680



ICE
Lake
Medial Moraine
Moraine
TERRACE
CAMP
FORE 1
FORE 2
FORE 3
FORE 4
CARBONITIZED
CALC SILICATE
5b, SILICIFIED
LEGEND
POST TRIASSIC INTRUSIVES
11 Basalt dykes - vesicular, weakly magnetic
10 Lamprophyre dykes - micaceous
9 Diorite - fine to medium grained, dark green coloured
8 Granodiorite - medium grained, +/- epidote altered
7 Syenodiorite to Monzodiorite
7a areas flooded with plagioclase & potassic feldspar, small veinlets and vein swarms with host rock alteration. Salmon pink feldspar and chloritized mafics
7b Dykes, sills and plugs Light pink to orange coloured
TRIASSIC?
6 Undifferentiated pyroclastics - massive, thick bedded tuffs
6a Ash to lapilli tuffs - thin bedded, careous weathered, minor volcaniclastics
6b Crystal tuff - feldspar & pyroxene (augite), massive, medium to dark green
6c Dacitic tuff - massive
6d Volcanic conglomerate - green & maroon clasts, subangular to well rounded commonly clast supported (2 cm to 50 cm diameter clasts)
PALEOZOIC
PERMIAN/MISSISSIPPIAN?
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5b Andesite to basalt, flow breccias, pillowed flows, massive flows and swirled flows - flow breccia, commonly careous weathered bombs, dark green-grey. Swirled flows, dark green and purple.
5c Pyroxene & feldspar porphyritic flows - massive to weakly foliated, phenocrysts 2-6 mm, pervasively epidotized.
5d Felsic tuffs - white to light green coloured, ash to lapilli size; moderately to well foliated.
5e Dust & ash tuffs - light to medium green, thin bedded, weak foliation parallel bedding.
4a Limestone +/- chert, argillite and tuff - medium to dark grey interbedded with tuffs
4b Crinoidal limestone - white to light green, well preserved crinoids
4c Carbonaceous argillite, cherty argillite and chert pebble conglomerate
3a Swirled green & maroon tuff & flow breccia - well foliated, wavy foliation around fragments and bombs
3b Swirled green & maroon tuff & flow breccia - weakly foliated
DEVONIAN?
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2c Limestone - +/- crinoids
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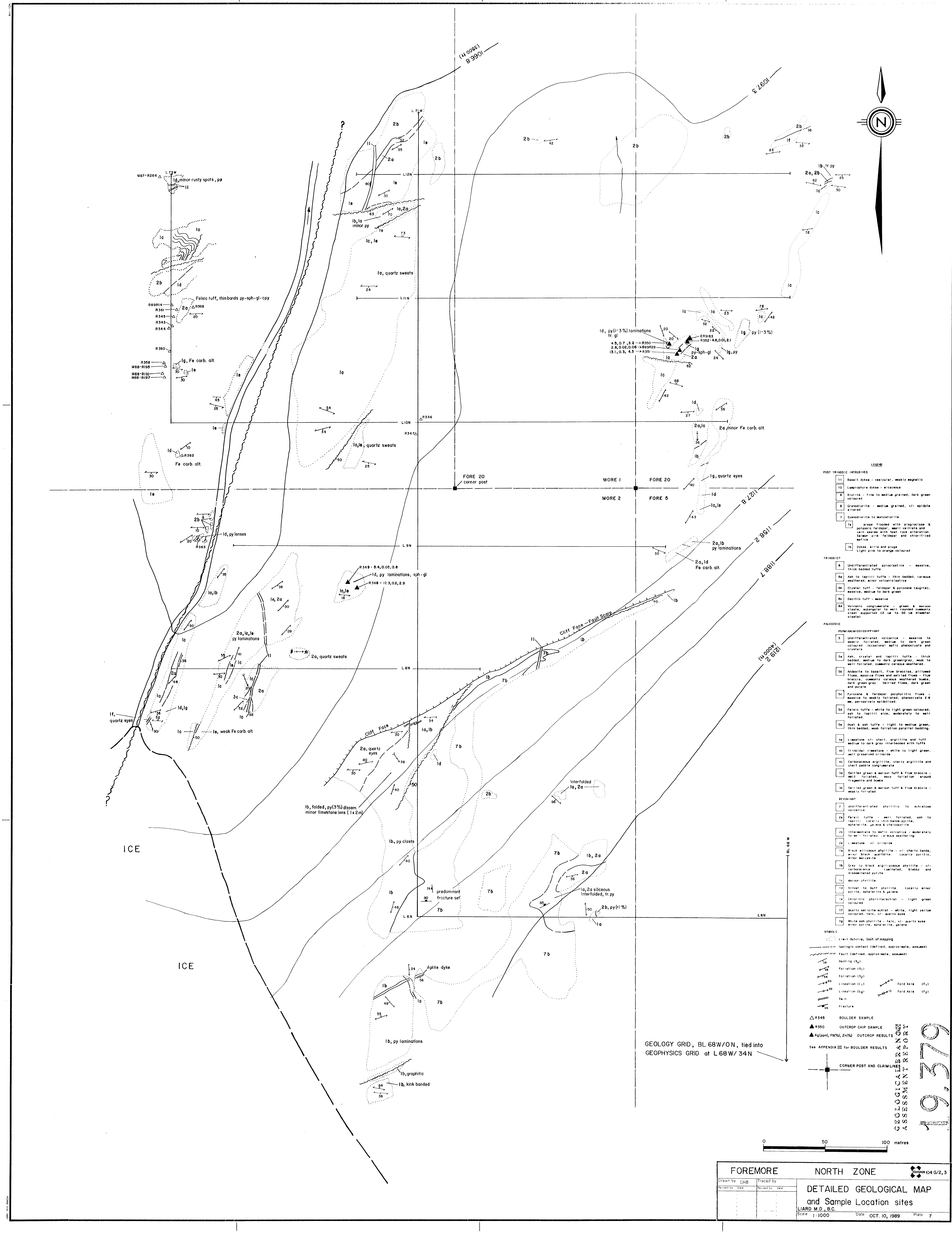
1d Silver to buff phyllite. Locally minor pyrite, sphalerite & galena.
1e Chloritic phyllite/schist - light green coloured
1f Quartz-sericite-schist - white, light yellow coloured, talc, +/- quartz eyes
1g White ash phyllite - talc, +/- quartz eyes Minor pyrite, sphalerite, galena
SYMBOLS
Limit Outcrop
Geologic contact (defined, approximate, assumed)
Fault (defined, approximate, assumed)
Bedding (S_0)
Foliation (S_1)
Foliation (S_2)
Lineation (L_1)
Lineation (L_2)
Fold Axis (F_1)
Fold Axis (F_2)
Vein
Fracture
Index Map
GEOLOGICAL BRANCH
ASSESSMENT REPORT
19,379
FOREMORE GROUP SOUTH SHEET
DETAILED GEOLOGIC MAP
6


LEGEND
POST TRIASSIC INTRUSIVES
11 Basalt dykes - vesicular, weakly magnetic
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7a areas flooded with plagioclase & potassic feldspar, small veinlets and vein swarms with host rock alteration. Salmon pink feldspar and chloritized mafics
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TRIASSIC?
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6d Volcanic conglomerate - green & maroon clasts, subangular to well rounded commonly clast supported (2 cm to 50 cm diameter clasts)
PALEOZOIC
PERMIAN/MISSISSIPPIAN?
5 Undifferentiated volcanics - massive to weakly foliated, medium to dark green coloured. occasional mafic phenocrysts and crystals.
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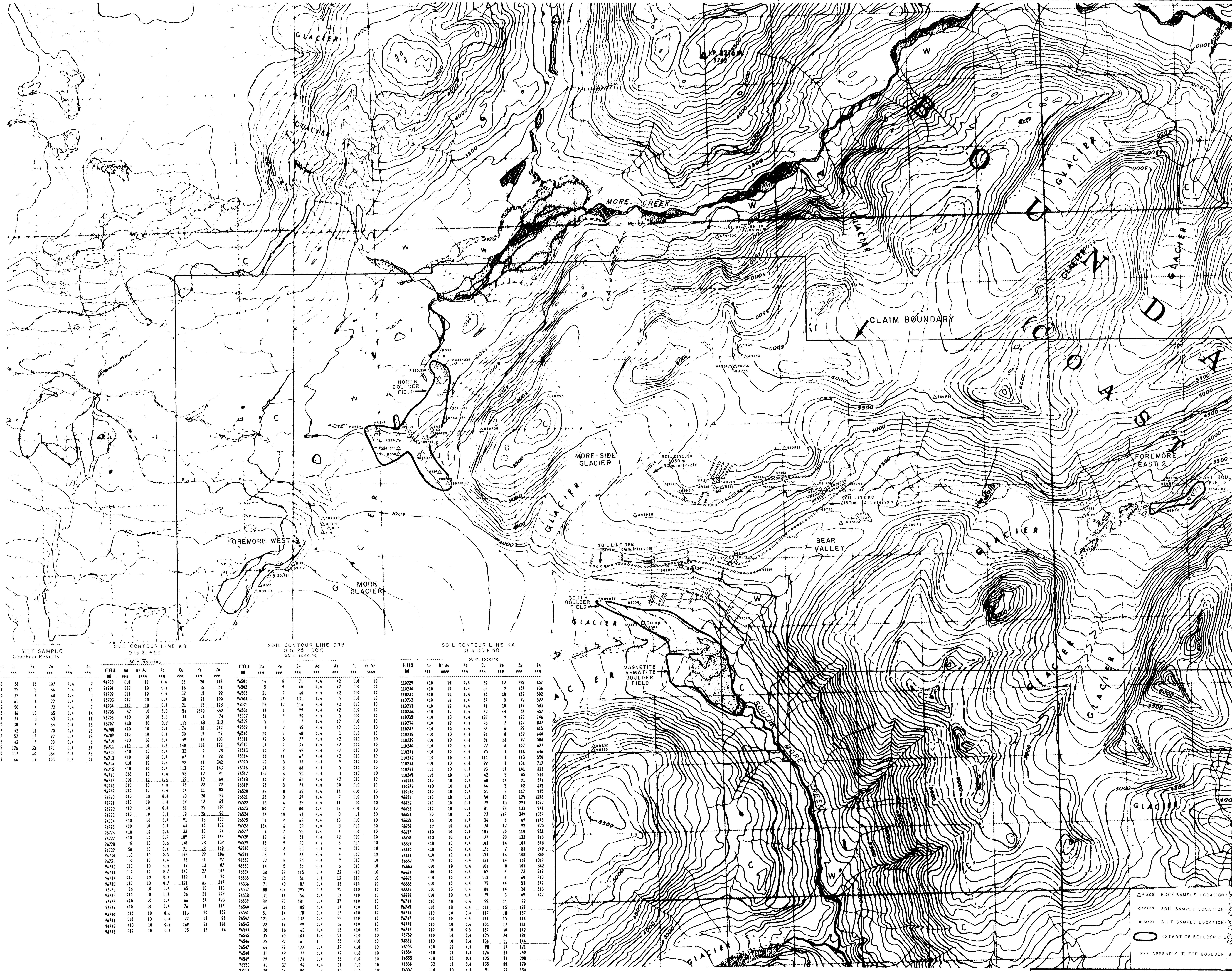
5b Andesite to basalt, flow breccias, pillowed flows, massive flows and swirled flows - flow breccia, commonly careous weathered bombs, dark green-grey. Swirled flows, dark green and purple.
5c Pyroxene & feldspar porphyritic flows - massive to weakly foliated, phenocrysts 2-6 mm, pervasively epidotized.
5d Felsic tuffs - white to light green coloured, ash to lapilli size; moderately to well foliated.
5e Dust & ash tuffs - light to medium green, thin bedded, weak foliation parallel bedding.
4a Limestone +/- chert, argillite and tuff medium to dark grey interbedded with tuffs
4b Crinoidal limestone - white to light green, well preserved crinoids
4c Carbonaceous argillite, cherty argillite and chert pebble conglomerate
3a Swirled green & maroon tuff & flow breccia - well foliated, wavy foliation around fragments and bombs
3b Swirled green & maroon tuff & flow breccia - weakly foliated
DEVONIAN?
2 Undifferentiated phyllitic to schistose volcanics
2a Felsic tuffs - well foliated, ash to lapilli. Locally thin bands pyrite, sphalerite, galena & chalcopyrite
2b Intermediate to mafic volcanics - moderately to well foliated, careous weathering
2c Limestone +/- crinoids
1a Black siliceous phyllite - +/- cherty bands, minor black quartzite. Locally pyritic, minor marcasite
1b Grey to black argillaceous phyllite - +/- carbonaceous laminated, blebby and disseminated pyrite
1c Maroon phyllite
1d Silver to buff phyllite. Locally minor pyrite, sphalerite & galena.
1e Chloritic phyllite/schist - light green coloured
1f Quartz-sericite-schist - white, light yellow coloured, talc, +/- quartz eyes
1g White ash phyllite - talc, +/- quartz eyes Minor pyrite, sphalerite, galena
SYMBOLS
Limit Outcrop, limit of mapping
Geologic contact (defined, approximate, assumed)
Fault (defined, approximate, assumed)
Bedding (S0)
Foliation (S1)
Foliation (S2)
Lineation (L1)
Lineation (L2)
Fold Axis (F1)
Fold Axis (F2)
Vein
Fracture
R345 BOULDER SAMPLE
R350 OUTCROP CHIP SAMPLE
Ag(ppm), Pb(%), Zn(%) OUTCROP RESULTS
See APPENDIX III for BOULDER RESULTS
CORNER POST AND CLAIMLINES
GEOLOGY GRID, BL 68W/0N, tied into GEOPHYSICS GRID at L 68W/34N
ICE
FORE 20 corner post
MORE 1
FORE 20
MORE 2
FORE 5
Cliff Face - Fault Scarp
Cliff Face
GEOLOGICAL BRANCH ASSESSMENT REPORT
19,379
0 50 100 metres
FOREMORE
NORTH ZONE
Cominco 104 G/2,3
Drawn by DRB
Traced by
Revised by Date
DETAILED GEOLOGICAL MAP
and Sample Location sites
LIARD M.D., B.C.
Scale 1:1000
Date OCT. 10, 1989
Plate 7



SILT SAMPLE
Geochem Results

FIELD NO	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM
92508	38	16	107	<.4	7
92509	25	5	66	<.4	10
92510	19	4	60	<.4	3
92511	61	4	72	<.4	3
92512	50	4	72	<.4	7
92513	46	10	65	<.4	14
92514	34	5	65	<.4	11
92515	38	7	64	<.4	13
92516	42	11	70	<.4	23
92517	52	17	92	<.4	18
92518	43	7	80	<.4	6
92519	126	35	172	<.4	39
92520	117	60	364	<.4	68
92521	66	14	103	<.4	11

SOIL CONTOUR LINE KB
0 to 21 + 50

50 m. spacing

FIELD NO	Au PPB	Wt Au GRAM	Ag PPM	Cu PPM	Pb PPM	Zn PPM
96700	<10	10	<.4	56	20	147
96701	<10	10	<.4	16	15	51
96702	<10	10	<.4	37	15	92
96703	<10	10	<.4	30	23	100
96704	<10	10	<.4	21	15	108
96705	42	10	3.0	54	2870	442
96706	<10	10	3.3	33	21	74
96707	<10	10	0.9	115	48	312
96708	<10	10	<.4	74	38	247
96709	<10	10	<.4	30	19	59
96710	<10	10	<.4	49	43	103
96711	<10	10	1.3	140	116	190
96712	<10	10	<.4	32	9	78
96713	<10	10	<.4	67	26	88
96714	<10	10	<.4	92	61	342
96715	<10	10	<.4	113	20	143
96716	<10	10	<.4	98	12	91
96717	<10	10	<.4	29	19	64
96718	<10	10	<.4	76	22	99
96719	<10	10	<.4	64	11	85
96720	<10	10	0.4	70	20	121
96721	<10	10	<.4	59	12	65
96722	<10	10	0.4	81	25	128
96723	<10	10	<.4	30	25	80
96724	<10	10	<.4	91	18	100
96725	<10	10	<.4	63	15	102
96726	<10	10	0.4	33	10	74
96727	<10	10	0.7	189	27	146
96728	18	10	0.6	148	28	139
96729	50	10	0.4	91	28	118
96730	<10	10	0.5	162	29	106
96731	<10	10	<.4	73	31	97
96732	<10	10	<.4	19	12	87
96733	<10	10	0.7	140	27	107
96734	<10	10	0.4	112	14	90
96735	<10	10	0.7	101	61	249
96736	16	10	<.4	65	18	110
96737	<10	10	<.4	96	21	107
96738	<10	10	<.4	66	34	125
96739	<10	10	<.4	76	14	114
96740	<10	10	0.6	113	20	107
96741	<10	10	<.4	72	13	93
96742	<10	10	0.5	169	21	101
96743	<10	10	<.4	75	18	96

SOIL CONTOUR LINE DRB
0 to 25 + 00 E

50 m. spacing

FIELD NO	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	Wt Au GRAM
96501	14	8	71	<.4	<2	<10	10
96502	5	9	40	<.4	<2	<10	10
96503	21	7	60	<.4	<2	<10	10
96504	35	13	131	<.4	5	<10	10
96505	24	12	116	<.4	<2	<10	10
96506	44	6	99	<.4	<2	<10	10
96507	31	9	90	<.4	5	<10	10
96508	5	7	17	<.4	<2	<10	10
96509	9	7	45	<.4	<2	<10	10
96510	20	7	48	<.4	3	<10	10
96511	42	5	77	<.4	<2	<10	10
96512	14	7	34	<.4	<2	<10	10
96513	11	9	49	<.4	<2	<10	10
96514	33	11	67	<.4	<2	<10	10
96515	70	5	91	<.4	9	<10	10
96516	24	8	66	<.4	5	<10	10
96517	137	6	95	<.4	4	<10	10
96518	30	9	61	<.4	<2	<10	10
96519	25	8	74	<.4	10	<10	10
96520	68	8	65	<.4	13	<10	10
96521	25	8	39	<.4	7	<10	10
96522	18	6	35	<.4	11	10	10
96523	80	7	80	<.4	18	<10	10
96524	34	10	63	<.4	8	11	10
96525	21	9	62	<.4	10	<10	10
96526	134	6	87	<.4	8	<10	10
96527	14	7	55	<.4	4	<10	10
96528	12	6	51	<.4	<2	<10	10
96529	43	9	70	<.4	6	<10	10
96530	28	6	55	<.4	4	<10	10
96531	28	7	66	<.4	4	<10	10
96532	72	8	85	<.4	9	<10	10
96533	14	5	56	<.4	6	<10	10
96534	38	27	115	<.4	23	<10	10
96535	21	13	51	<.4	13	<10	10
96536	71	48	187	<.4	33	<10	10
96537	88	109	295	<.4	25	<10	10
96538	31	11	56	<.4	13	<10	10
96539	89	92	181	<.4	37	<10	10
96540	34	15	85	<.4	14	<10	10
96541	51	14	78	<.4	17	<10	10
96542	121	29	132	<.4	22	<10	10
96543	22	19	99	<.4	16	<10	10
96544	20	16	62	<.4	13	<10	10
96545	35	45	104	1.6	51	<10	10
96546	25	87	161	1	55	<10	10
96547	64	89	122	<.4	37	<10	10
96548	31	69	77	<.4	47	<10	10
96549	99	45	124	<.4	36	<10	10
96550	41	37	96	<.4	31	<10	10
96551	28	76	80	.4	15	<10	10

SOIL CONTOUR LINE KA
0 to 50 + 50

50 m. spacing

FIELD NO	Au PPB	Wt Au GRAM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Ba PPM
110229	<10	10	<.4	30	12	228	637
110230	<10	10	<.4	53	9	134	656
110231	<10	10	<.4	45	10	159	502
110232	<10	10	<.4	39	5	92	572
110233	<10	10	<.4	41	10	147	563
110234	<10	10	<.4	32	14	94	705
110235	<10	10	<.4	187	9	128	746
110236	<10	10	<.4	75	7	107	837
110237	<10	10	<.4	84	6	89	815
110238	<10	10	<.4	81	8	132	668
110239	<10	10	<.4	81	13	97	506
110240	<10	10	<.4	72	6	102	627
110241	<10	10	<.4	95	4	116	646
110242	<10	10	<.4	111	4	113	558
110243	<10	10	<.4	99	4	101	717
110244	<10	10	<.4	93	<4	141	623
110245	<10	10	<.4	62	5	85	510
110246	<10	10	<.4	68	<4	91	541
110247	<10	10	<.4	66	5	92	645
110248	<10	10	<.4	51	7	117	835
96651	<10	10	<.4	50	10	125	1296
96652	<10	10	<.4	79	15	294	1072
96653	<10	10	<.4	81	83	133	846
96654	30	10	.5	72	217	349	1057
96655	15	10	<.4	56	6	69	1145
96656	19	10	<.4	78	12	92	875
96657	<10	10	<.4	104	20	110	936
96658	<10	10	<.4	127	20	132	918
96659	<10	10	<.4	103	14	104	848
96660	<10	10	<.4	121	7	83	890
96661	<10	10	<.4	154	14	108	880
96662	19	10	<.4	123	14	116	1017
96663	<10	10	<.4	101	8	102	862
96664	40	10	<.4	89	4	72	819
96665	<10	10	<.4	118	6	68	710
96666	<10	10	<.4	75	<4	53	647
96667	<10	10	<.4	80	<4	58	615
96668	<10	10	<.4	79	5	69	702
96744	<10	10	<.4	88	11	89	
96745	<10	10	<.4	116	15	129	
96746	<10	10	<.4	117	18	157	
96747	<10	10	<.4	124	15	113	
96748	<10	10	<.4	105	17	131	
96749	<10	10	0.5	137	40	142	
96750	<10	10	0.4	125	20	181	
96552	<10	10	<.4	106	11	144	
96553	<10	10	<.4	98	19	171	
96554	<10	10	<.4	126	34	240	
96555	<10	10	0.4	125	31	208	
96556	32	10	0.4	135	88	170	
96557	<10	10	<.4	91	27	154	
96558	<10	10	<.4	101	44	211	
96559	<10	10	<.4	68	12	112	
96560	21	10	<.4	140	23	120	
96561	<10	10	<.4	128	15	105	
96562	<10	10	<.4	70	16	111	
96563	<10	10	0.4	88	18	171	
96564	<10	10	<.4	75	17	118	
96565	<10	10	0.4	85	19	129	

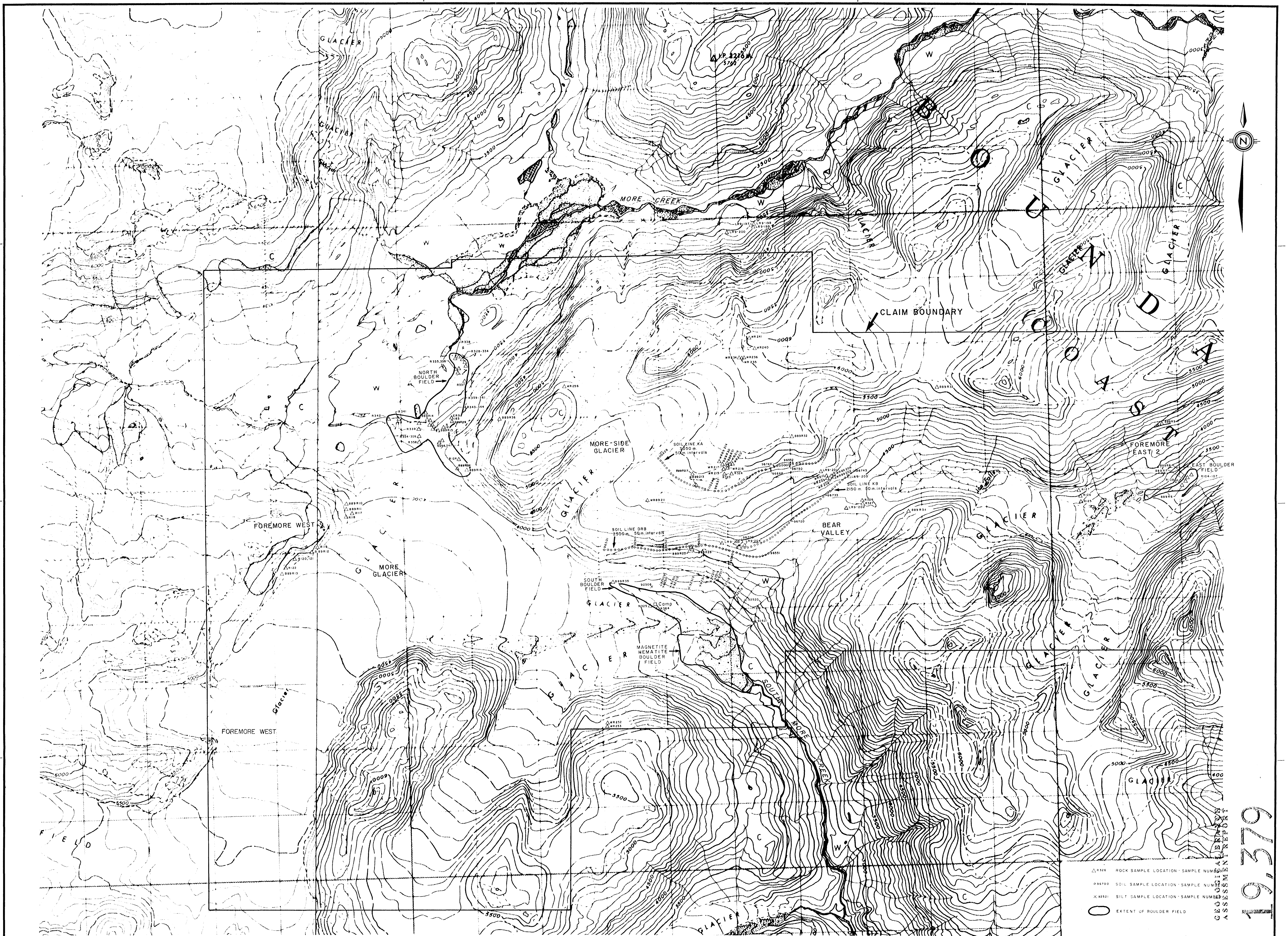
FOREMORE PROPERTY

NTS 104 G/2,3

Drawn by DRB

SILT AND SOIL SAMPLE LOCATION MAP AND GEOCHEMICAL RESULTS

Scale 1:20,000 | Date OCTOBER, 1989 | Plate 5



FOREMORE PROPERTY				NTS 104 G/2,3
Drawn by DRB	Traced by	ROCK, SOIL, AND SILT SAMPLE LOCATION MAP		
Revised by / Date	Revised by / Date			
		Scale 1:20,000	Date OCTOBER, 1989	Plate 4

FORM 210-0680