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COMINCO LTD

EXPLORATION
NTS: 104G/2,3
104B/14,15

WESTERN CANADA

ASSESSMENT REPORT

DIAMOND DRILLING ON MORE 2

MINERAL CLAIM

FOREMORE GROUP

LIARD MINING DIVISION, BRITISH COLUMBIA

LATITUDE: 57° 03'N LONGITUDE: 130° 58'W

JANUARY, 1991

A.W.LEE
I.A. PATERSON

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,402

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ATTACHMENTS:

FIGURE 1	Location Map 1:100,000	✓
2	Claim Map 1:82,500	✓
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PLATE 1	1990 Foremore drill collar locations	✓
2	Drill section, Hole FM-90-4	✓
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Appendix 1	1990 Foremore drill logs	✓
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COMINCO LTD

EXPLORATION

WESTERN CANADA
29 JANUARY 1990

ASSESSMENT REPORT
DIAMOND DRILLING ON MORE 2

SUMMARY

Approximately 1347 m of diamond drilling was completed on the More 2 claim between July 24 and August 28, 1990. Of this total, 804 m was through ice and 563 m was through rock.

The purpose of the drill program was to obtain a geological section underneath the glacier of a series of metavolcanic and metasedimentary rocks of presumed Devono-Mississippian age and hopefully locate the source of Pb Zn Cu Au mineralized boulders found at the toe of the glacier. Electromagnetic work had previously delineated several conductive zones which in conjunction with geological extrapolation produced drill targets under the ice.

Drill hole FM-90-1 was drilled to intersect a UTEM conductor. The hole was abandoned close to the ice rock interface after rods snapped.

Drill holes FM 90-4 and 5 intersected maroon and green pyroclastic schist with zones of quartz + sericite schist. No mineralization which could account for the mineralization found in the boulders at the toe of the glacier was encountered in either hole.

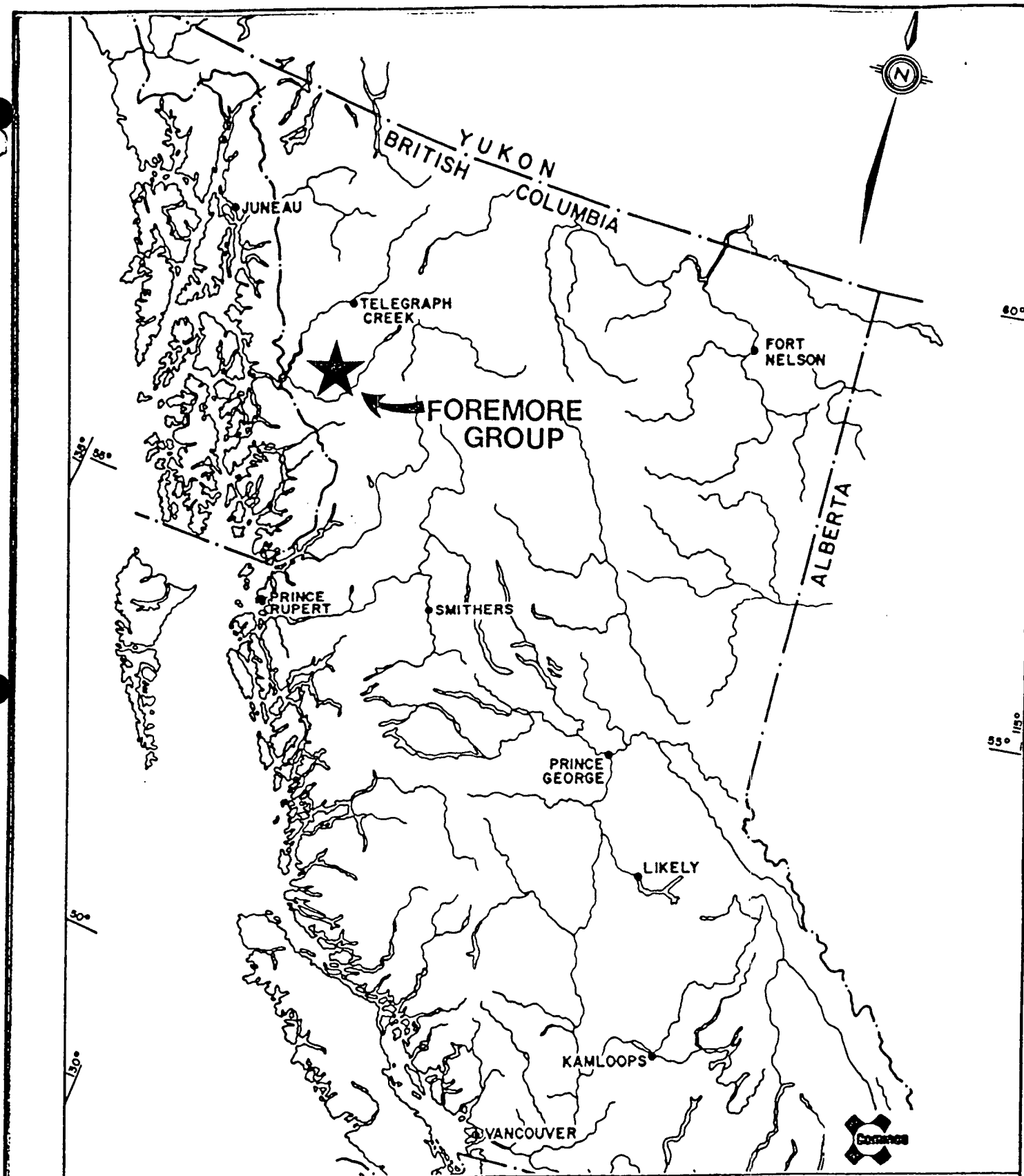
INTRODUCTION

The 1990 drilling program involved testing bedrock underneath the Foremore glacier to search for a source for base metal rich boulders found in basal moraine at the toe of the glacier. The program commenced with the mobilization of a drill from Bob Quinn Lake on the 24th July. J.T. Thomas of Smithers, B.C. was contracted to provide a Longyear 44 drill rig and personnel to carry out the program. The drill core size was NQ. All core recovered is stored at the 1990 camp location.

Core logging and drafting was done by I.A. Paterson (Senior Geologist) and A.W. Lee (Geologist), Assistants D.P. Van Ulden and D.W.C. Hick did the core handling work (recoveries, metrication).

Northern Mountain Helicopters supplied Bell 205 helicopters for drill mobilization, demobilization and drill moves. A Bell 47 helicopter was based at camp for moving personnel and equipment to and from the drill.

All drill holes are located on the SE corner of More 2 Claim.



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

LOCATION MAP

FIGURE 1

Scale: 1 : 1000000 Date: OCTOBER, 1990 Plate:

LOCATION AND ACCESS

The Foremore property is located in the Liard Mining Division on the corners of NTS map sheets 104 B/14, 15 and 104G 2/3. The centre of the claim group is approximately 94 km south of Telegraph Creek.

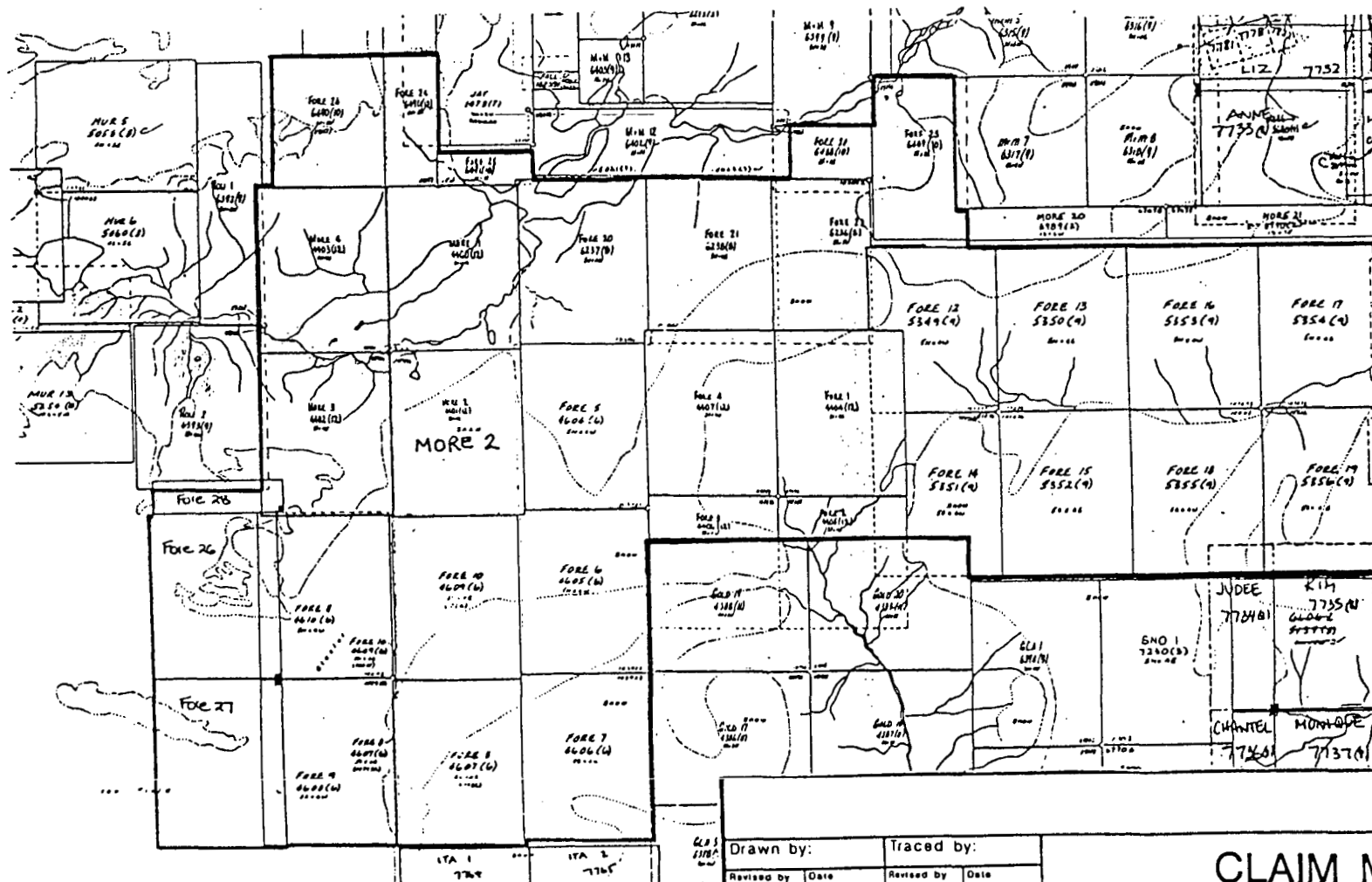
The claims are almost all above the 1000 m elevation treeline and are accessible by helicopter from Snip mine (44 km south), Bob Quinn airstrip (43 km east), or Forest Kerr airstrip (16 km southeast).

Highway 37, a two-lane, all-weather road, is 40 km east of the property.

TENURE

The Foremore claim group consists of 33 claims totalling 603 units. All claims are 100% owned and operated by Cominco Ltd.

<u>Claim</u>	<u>Units</u>	<u>Record No.</u>	<u>Date Recorded</u>	<u>Due Date</u>
More 1	20	4400	Dec. 01/87	Dec. 01/96
More 2	20	4401	Dec. 01/87	Dec. 01/99
More 3	20	4402	Dec. 01/87	Dec. 01/99
More 4	20	4403	Dec. 01/87	Dec. 01/96
Fore 1	20	4404	Dec. 01/87	Dec. 01/96
Fore 2	20	4405	Dec. 01/87	Dec. 01/96
Fore 3	20	4406	Dec. 01/87	Dec. 01/96
Fore 4	20	4407	Dec. 01/87	Dec. 01/96
Fore 5	20	4604	Jun 03/88	Jun. 03/96
Fore 6	20	4605	Jun 03/88	Jun 03/96
Fore 7	20	4606	Jun 03/88	Jun 03/96
Fore 8	20	4607	Jun 03/88	Jun 03/96
Fore 9	20	4608	Jun 03/88	Jun 03/96
Fore 10	20	4609	Jun 03/88	Jun 03/96
Fore 11	20	4610	Jun 03/88	Jun 03/96
Fore 12	20	5349	Sept 25/88	Sept 25/96
Fore 13	20	5350	Sept 25/88	Sept 25/93
Fore 14	20	5351	Sept 25/88	Sept 25/96
Fore 15	20	5352	Sept 25/88	Sept 25/93
Fore 16	20	5353	Sept 26/88	Sept 26/93
Fore 17	20	5354	Sept 26/88	Sept 26/93
Fore 18	20	5355	Sept 26/88	Sept 26/93
Fore 19	20	5356	Sept 26/88	Sept 26/93
Fore 20	20	6237	Aug 23/89	Aug 23/96
Fore 21	20	6238	Aug 23/89	Aug 23/96
Fore 22	15	6236	Aug 23/89	Aug 23/96
Fore 20	6	6488	Oct 3/89	Oct 3/96
Fore 23	15	6489	Oct 3/89	Oct 3/96
Fore 24	20	6490	Oct 5/89	Oct 5/96
Fore 25	3	6491	Oct 5/89	Oct 5/96
Fore 26	20	7599	Jul 11/90	Jul 11/91
Fore 27	20	7600	Jul 11/90	Jul 11/91
Fore 28	4	7601	Jul 20/90	Jul 20/91



104 G/2.3

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

CLAIM MAP FIGURE 2

Scale: Date: Plate:

GEOLOGY

Regional

The Foremore property is situated on the western margin of the Intermontane Belt. The area is underlain by arc-related volcanic and sedimentary rocks of Paleozoic to Jurassic age. An unconformity between the Paleozoic and the Mesozoic is observed throughout the region (Souther, 1972).

The Triassic-Jurassic calc-alkaline Hickman Batholith lies 20 km to the northwest of the Foremore property. The Triassic to Early Jurassic syenite at Galore Creek intrudes Triassic rocks 30 km to the west, and the Cretaceous Coast Pluton Complex is exposed 50 km to the west.

Polyphase deformation is evident in the Paleozoic schists and phyllites. Holbek (1988) observed at least four phases of folding in the Foremore area.

Local

The claim group is underlain by Paleozoic to Triassic volcanic and sedimentary rocks which can be divided into three units which are separated by unconformities or thrusts.

- | | |
|---------------|--|
| <u>Unit 3</u> | (Upper Triassic) Unfoliated volcanic conglomerate, ash, lapilli, and crystal tuffs. |
| <u>Unit 2</u> | (Mississippian?) Weakly foliated massive and pillowed flows, ash and lapilli tuff, marble, minor chert, and argillite. |
| <u>Unit 1</u> | (Devonian?) Strongly foliated lapilli, ash, crystal tuff, tuff breccia, graphitic sediments, minor marble. |

Structure in the area is complex and involves polyphase deformation. Among the features observed are isoclinal folds complicated by thrust faults and related drag folds.

The rocks intersected in the drill core belong to Unit 1. A legend to lithologies encountered in drill holes is given in Plates 2 and 3.

DIAMOND DRILLING

A diamond drilling program commenced on July 24 and ended August 28, 1990. Five holes were drilled through glacier ice to test geophysical, and geological targets. Of the 5 holes, 3 holes (FM 90-1, 4 and 5) are submitted as assessment work. The drill program is summarized in Table 1 below. Detailed core logs can be found in Appendix I. A statement of expenditures follows in Appendix II.

TABLE 1
1990 FOREMORE DIAMOND DRILLING

<u>Hole No.</u>	<u>Dates</u>	<u>Inclination</u>	<u>Collar Elev.(m)</u>	<u>Ice</u> <u>Depth (m)</u>	<u>Depth (m)</u>
FM-90-1	25-29 Jul	vertical	1227	170+	149
FM-90-2	31 Jul -4 Aug	vertical	1228	176	340
FM-90-3	8-13 Aug	vertical	1235	204	280
FM-90-4	16-21 Aug	vertical	1169	110	298
FM-90-5	24-28 Aug	vertical	1202	149	280
Total:					1347 m

Hole FM-90-1 was abandoned at a depth of approximately 149 m after the rods broke at or near the ice rock interface.

Hole FM-90-4 was planned to intersect a weak UTEM conductor which could have provided a source for the mineralized boulders of the northern boulder field. The hole was predominantly maroon and green schist (Unit 2a,b) with two minor foliated diabase sills, and one relatively fresh basalt sill near the end of the hole. A 1.3 metre-wide clay-rich fault gouge zone was intersected which could explain the UTEM conductor.

Hole FM-90-5 tested up section for a vein or stratigraphic horizon which could represent a possible source of the northern boulder field. Maroon and green schist was the dominant lithology. Intermediate-mafic sills occur throughout, but one 25 m interval contains a swarm of syenite-quartz syenite sills.

INTERPRETATION AND CONCLUSIONS

Hole FM-90-1 was drilled to test a UTEM conductor. The rod string broke close to the ice-bedrock interface. No core was obtained.

Holes FM-90-4 and FM-90-5 were drilled to test a package largely comprised of Paleozoic intermediate pyroclastics (Unit 1) for the source of mineralized boulders found at the toe of the glacier (Plate 1). A total of 41 mineralized boulders were found consisting of massive sulphide with pyrite, sphalerite, galena and chalcopyrite. Gangue minerals included quartz, albite, carbonate and sericite. Sampling of 29 sphalerite rich boulders averaged 11.0 g/t Au, 96 g/t Ag, 01.22% 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.

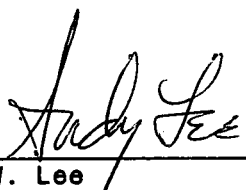
The choice of location of the holes through the ice was dependent on three factors:

- a) East of camp, the maroon and green schist package contains intercalations of quartz-sericite schist containing pyrite, sphalerite and traces of galena. The maroon and green schist unit was therefore thought to represent an attractive host for a possible volcanogenic massive sulphide source for the mineralized boulders comprising the boulder train. The two holes were therefore designed to test a stratigraphic section unit under the glacier.
- b) Both holes were placed approximately in line with the maximum boulder concentrations bearing in mind the glacial flow directions.
- c) One hole (4) was also designed to test a weak UTEM conductor.

Neither of the two holes intersected mineralization which could represent a source for the mineralized boulders. Both holes were located entirely within the green and maroon schist package. Quartz and sericite units similar to those associated with the showings to the northeast were intersected, but no sphalerite or galena were noted.

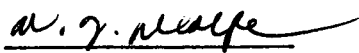
The weak UTEM conductor in Hole FM-90-4 can possibly be explained by the presence of a 1.3 m clay gänge zone.

Report by:


A.W. Lee
Geologist


I.A. Paterson
Senior Geologist

Approved for
Release by:


W.J. Wolfe,
Manager, Exploration-
Western Canada

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Drill Hole Record

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Page 1 of 4

Property: Foremore District: Liard Hole No.: F90-4
 Commenced: 16 August 1990 Location: Mawer Glacier Tests at: 145, 298 m
 Completed: 21 August 1990 Core size: NQ Cor. dip: 86 to 88
 Coordinates: 12 + 10E 12 + 00N True Brg.: -
 Objective: to test for source of northern boulder
 field in an area of favourable geology containing
 weak UTEM conductor.
 Date: 18 - 21 August 1990 Horiz. Comp.: 0
 Logged by: I A Paterson Vert. Comp.: 297.8 m

METERAGE

FROM	TO	DESCRIPTION
0.0	109.73	Ice; HW casing to boulders in bedrock
109.73	110.94	NW casing into bedrock - not much overburden.
110.42	131.7	<u>Pale green quartz sericite schist</u> Alternating quartz rich and sericite rich bands are parallel to the foliation. Sparse pyrite + quartz laminations (30% pyrite) e.g. at 117.16 m Core angles vary between 0 and 90 degrees Foliations and lineations are folded by late kinks. Note crenulation and streaky lineations in S1 plane. 124.0 - 127.0 m : foliation parallel to the fold axis. 127.2 - 128.0 m : sericite rich zone with quartz breccia clasts. 131.14 - 131.30 m : 15 cm qtz vein with 3% pyrite and traces of sphalerite. 132.0 - 133.0 m : c/a = 45 degr.
131.7	133.2	Sericite rich zone and/or fault Hole squeezing - used tricone for 1.5 m.
133.2	155.2	<u>Maroon and green schist</u> 133.2 - 134.0 m : well foliated quartz + chl + cc + sericite schist. Qtz segregations contorted and sub-parallel to the foliation; minor hematite. c/a = 45 dg 134.0 - 142.3 m : maroon schist similar to above but maroon in colour with grey chloritic and white quartz + calcite bands. c/a = 50 - 60 dg. Qtz + chl vein at 139.1 m (10 cm wide, parallel to the foliation). No sulphides in maroon layers; traces of pyrite in green layers.

142.3 - 155.2 m : flattened maroon vesicular clasts to 6 cm in green foliated matrix; white Qtz + cc irregular veins and schlieren: c/a = 50 dg(145 m), 45 dg(151m), 45 dg(155 m).

155.2 161.4

Pale green quartz + sericite schist

Foliated and crackled white to pale green siliceous bands locally containing 1 cm vugs. Both contacts with the maroon unit are sharp and parallel to the foliation (c/a = 45 dg).

This unit is highly deformed and only occasional relict clasts are seen.

c/a at 159 m is 55 dg.

161.4 168.2

Maroon and green schist

Similar to 133.2 - 155.2 m.

Note occasional pods or planar zones of pale green sericite schist. Qtz + cc veins are common.

168.2 187.7

Pale green quartz + sericite schist

Note 2mm quartz mylonitic bands. Trace pyrite associated with sericite. Note occasional mafic inclusions - tuffaceous and chloritic (e.g. at 172.7 m). Contact at 168.2 m appears in situ and gradational. The maroon rock has undergone a fracturing and pale green alteration similar to that prevalent in the Qtz + sericite schist. The mylonite texture and pervasive green colour suggests that the quartz and sericite are alteration products of the maroon volcanic unit.

184 - 187.7 m : relict lapilli tuff texture.

187.7 194.60

Maroon and green schist

Same. Note zones of Qtz + sericite parallel to S1. C/a = 70 dg (191 m), 60 dg (194.2 m)

188 - 191 m : transition zone between green and maroon schist.

194.6 202.0

Pale green quartz + sericite schist.

194.6 - 197.2 m : Qtz + ser schist showing kink folds, Qtz + feldspar veins and brecciated areas.

200.8 - 202.0m : Qtz + chl vein with maroon schist inclusions.

202.0 203.3

Maroon clay zone - poor recovery(50%)

203.3 206.35

Friable maroon schist - only 30% recovery

206.35 207.4

Maroon schist

c/a = 60 dg.

207.4 209.35

Diabase sill

Green fine grained foliated rock. Note clay seams - lost 0.8 m in washed out core.

209.35	229.0	<p><u>Maroon schist</u> Fine grained maroon elongate clasts in greenish matrix. c/a = 50 to 75 dg (209 - 212 m); 60 dg (218.6 m)</p> <p>215 - 215.4 m : qtz + ser schist with relict maroon clasts, note 2 cm qtz vein.</p> <p>217.9 m : qtz vein with pale green pyritic halo in maroon schist.</p> <p>223.7 - 224 m : green qtz + ser + chl schist - contacts with maroon are gradational.</p> <p>224.5 - 226.11 m : qtz + ser + chl schist ; 5 cm qtz vein.</p>
229.00	230.73	<p><u>Meta-diabase</u> Green fine grained foliated rock; qtz + cc veins; non magnetic.</p>
230.73	237.5	<p><u>Maroon schist with qtz + ser + chl zones.</u></p> <p>230.73 - 232.0 m : qtz + ser + chl schist</p> <p>233.00 - 235.0 m : " " " "</p> <p>235.2 - 235.9 m : " " " "</p> <p>At 235.5 c/a = 60 dg. Both rock types are kink banded. Mylonitic texture in schist.</p>
237.5	243.3	<p><u>Qtz + ser + chl schist (meta tuff and lapilli tuff)</u> c/a at 240 = 55 dg; note qtz vein at 238.8 m. Note dark green flattened lenses or beds in fine grained matrix and streaky texture on foliation surface. At 243.3 m note 5 cm qtz vein with pyrite porphyroblasts.</p>
243.3	245.07	<p><u>Maroon schist</u> Qtz veins sub-parallel to the foliation; flattened lapilli; c/a = 60 dg.</p>
245.07	247.3	<p><u>Green qtz + ser + chl schist (meta-tuff)</u> Note qtz + cc blebs and irregular veins and two jasper veins between 245.8 m and 246.1 m.</p>
247.3	251.0	<p><u>Green qtz + ser + chl schist (meta lapilli tuff)</u> Lapilli sized flattened and elongated siliceous clasts (3 cm max elongation). Some clasts contain minor sulphides (pyrite). Elongation of clasts is parallel to the streaky lineation.</p>
251.0	254.9	<p><u>Green qtz + ser + chl schist (meta-tuff)</u> Occasional band of maroon schist; qtz veins parallel to foliation. c/a = 55 dg. clay seam at 251.6 m . Lost 0.7 m core at 252 m.</p>

254.9

285.6

Green qtz + ser + chl schist(meta-tuff and lapilli tuff)

Contains siliceous or cherty zones parallel to foliation. c/a = 60 dg at 255 m, 65 dg at 251 m.

266 - 269 m : slightly bleached and contorted lapilli tuff; qtz veins probably associated with an F3 kink zone. Zone contains trace pyrite.

269 - 270 m : grey siliceous cherty zones parallel to the foliation; c/a = 55 dg.

273 - 274 m : pale green siliceous cherty zones parallel to the foliation; minor qtz veining.

278.55 m : green clay seam with qtz clasts.

278 m : c/a = 55 dg.

278.8 - 285.6 m : mainly foliated tuff with 1 cm cherty bands and minor interfoliated lapilli tuff. c/a = 45 dg (at 284 m).

285.6

288.25

Maroon schist (chl + qtz + ser + hem schist)

Note pale green qtz + ser schist zones(shears); qtz + cc segregation veins; c/a = 55 dg at 285.6 m

288.25

291.44

Green qtz + ser schist (meta-tuff)

291.44

293.1

Basalt

Dark brown fine grained equigranular basalt sill; note chilled margins parallel to S1; strongly magnetic and unfoliated.

293.1

297.8

Green qtz + ser + chl schist (tuff and lapilli tuff)

c/a = 70 dg at 297.5 m; note also qtz veins with coarse pyrite in haloes'

END OF HOLE

FOREMORE 1990

HOLE F-90-4

METRE		RECOVERED CORE	RECOVERY %
FROM	TO		
0	111.86	0	0
111.86	114.91	2.97	97
114.91	117.96	3.01	98
117.96	121.00	2.86	93
121.00	124.05	3.15	103
124.05	127.10	3.05	100
127.10	130.14	2.98	98
130.14	133.20	1.50	49
133.20	136.24	3.05	100
136.24	139.29	2.75	90
139.29	142.32	2.92	96
142.32	145.39	3.02	99
145.39	148.44	2.99	98
148.44	151.48	3.18	104
151.48	154.53	2.98	98
154.53	157.58	3.00	98
157.58	160.63	3.12	102
160.63	163.68	3.13	102
163.68	166.72	2.91	95
166.72	169.77	2.90	95
169.77	172.82	3.10	101
172.82	175.87	3.11	102
175.87	178.92	2.96	97
178.92	181.97	2.98	98
181.97	185.01	3.25	106
185.01	188.06	3.00	98
188.06	191.11	2.91	95
191.11	194.16	2.97	97
194.16	197.21	2.96	97
197.21	200.25	2.54	83
200.25	203.30	2.19	72
203.30	206.35	0.76	25
206.35	209.40	2.16	71
209.40	212.45	3.03	99
212.45	215.49	2.87	94
215.49	218.54	3.17	104
218.54	221.59	3.03	99
221.59	224.64	3.19	105
224.64	227.69	3.10	102
227.69	230.73	3.05	100
230.73	233.78	2.97	97
233.78	236.83	3.05	100
236.83	239.88	3.03	99
239.88	242.93	1.34	44
242.93	245.97	3.15	103
245.97	249.02	2.96	97
249.02	252.07	2.50	82

252.07	255.12	2.19	72
255.12	258.17	3.08	101
258.17	261.21	2.88	94
261.21	264.26	2.41	79
264.26	267.31	2.84	93
267.31	270.36	2.70	89
270.36	273.41	3.23	106
273.41	276.45	3.17	104
276.45	279.50	2.95	97
279.50	282.55	3.03	99
282.55	285.60	3.18	104
285.60	288.65	2.95	97
288.65	291.69	2.75	90
291.69	294.74	3.04	100
294.74	297.79	3.19	105

Drill Hole Record

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Page 1 of 4

Property: Foremore	District: Liard	Hole No.: F90-5
Commenced: 24 Aug. 1990	Location: Mawer Glacier	Tests at: none
Completed: 28 Aug. 1990	Core size: NQ	Cor. dip: assume
Coordinates: 2+82S 10+80E		True Brg.: vert.
Objective: To test for source of northern boulder		% Recov.:
Date: 25 August 1990	field in an area of	Horiz. Comp.:
Logged by: A.W. Lee	favourable geology	Vert. Comp.:

METERAGE

FROM	TO	DESCRIPTION
0	149.35	ICE; Little/no basal till
150.46	161.10	<u>Intermediate-Mafic sill</u> A fine-grained, equigranular, med-dark green, moderately well foliated rock, cc vns (1 mm to 1 or 2) cm concordant/discordant. brecciated in places (cc vns approx 7%). foliation 60-65° to core - may be alteration product of maroon schist - contact with schist is gradational. - hematitic fracture alteration towards maroon sch contact. 157.55-157.75: - maroon schist interfoliated with sill(?).
161.10	185.13	<u>Maroon & Green schist</u> Contact at approx. 55° to core. - predominantly ash-lapilli tuff with minor coarse grained beds. - hematitic maroon schist interfoliated with chloritic green schist - concordant cc vns abundant as are cc blebs which speckle the core in sections throughout. - kink bands 35-50° to core. 162.87-163.02: Mud seam @166.55 169.0 S ₁ foliation at 55-60° S ₁ foliation at 65° to core 170.06-170.58 - quartz-cc vns approx. concordant <9 cm wide (35% of core). @171.5 S ₁ foliation in maroon sch: approx. 45° to core. @172.9 S ₁ foliation in maroon sch: approx. 45° to core.

173.90	178.76	<p>Quartz-calcite +/- Fs vns</p> <ul style="list-style-type: none"> - slightly discordant, tectonic Incl. of altered maroon schist within veins. - main vein section 1.1 m wide, smaller veins above and below between maroon schist - no sulphides observed - no vugs or open-space textures
	@174.3	<p>Maroon & green schist (S₁: 30° to core axis)</p> <p>S₁ 30° to core</p>
179.5	185.13	<p>Maroon & green schist</p> <p>S₁ 65° to core - consistent over interval.</p> <p>182.9-184.7: maroon & green schist with flattened clasts approx. 5-10 cm size (lapilli to tuff breccia).</p>
185.14	208.4	<p><u>Syenitic sill complex</u> (syenite-quartz syenite)</p> <ul style="list-style-type: none"> - all contacts concordant with foliation - a fine-grained, silicified pale greenish grey to pinkish coloured, unfoliated intr. - may be hb-phyric: mafic phenocrysts form needles 1-4 mm approx.; only 3% of core. - rock is pinkish near contacts. - 30.5% schist, 69.5% sill (over interval) 23.26 m sill & sch - occasional calcite vns at 10° to core - (secondary cc added to rock by vns) <p>@193.05 Maroon & green schist</p> <p>S₁ @60° to core</p>
	@194.20	Maroon & green schist (S ₁ : to 70° to core axis)
	@199.90	<p>Chl-ser-cc schist (altered maroon & green schist?)</p> <p>S₁ 60° to core</p>
	@202.3	<p>Chl-ser-cc schist (altered maroon & green schist?)</p> <p>S₁: 65° to core</p>
208.4	254.17	<p><u>Maroon & green schist</u></p> <ul style="list-style-type: none"> - as previous section but with occasional Chl+ser +/- quartz schist bands occasional, none >60 cm thick. <p>209.24-218.0 (approx) - Coarse pyroclastic beds throughout. Maroon clasts (5-10 cm) within chl-ser matrix. (interbedded with ash-lapilli +/- crystal tuff.</p>

@209.83 S₁ 60° to core (maroon & green schist,

@213.40 S₁ 60° to core (maroon & green schist,

@216.08 S₁ 85° to core (maroon & green schist,

@219.05 S₁ 55° to core (maroon & green schist,

222.65-227.80 - maroon & green schist; increase in cc bleb concentration.

* blebs do not have pressure shadows, some seem to have a rhombohedral crystal shape; most are equant blebs, 3-4 mm in diameter.

@223.14 S₁ 60-65° (maroon & green)

229.41-230.73 - tectonically disrupted zone. S₁ contorted, discontinuous. 14 cm cc-qtz vn discordant

@ 230.17 (protolith possibly lapilli tuff)

231.91-232.26 - maroon mud

232.26-233.78 - washed through: no core recovered

233.78-234.13 - maroon & green mud & rock fragments

@ 237.28 - S₁ 85-90° to core

237.33-238.3 - green schist interlayer - altered maroon? contains- chl-ser-quartz, feldspar.

240.06-240.32 - green schist interlayer - altered maroon?

- some dark green chl blebs throughout. Relict phenox? Clasts?

- lower contact parallel S₁ 60° to core
most of Box 16 (237.96-243.684) is maroon & green schist; protolith possibly crystal lithic tuff.

@ 243.23 - maroon & green schist with S₁ at 55-60°

@248.96 Maroon & green schist (S₁ 65-70° to core axis)

254.17 255.14

Diorite sill (?)

- upper contact 75° to core
- chilled at contact, medium grained at centre.
- cc vns concordant throughout

@ 258.27 - maroon & green schist (S₁ 75° to core axis).

255.14 269.76

Maroon & green schist

260.65-267.31 - maroon clasts in lighter maroon and/or green chloritic matrix. Meta-lapilli tuff.

S₁ 60-65° to core (262.8 m).

269.76 275.04

Sericite-qtz-chl schist

- pale green, fine grained, friable
- minor fine grained pyrite on foliation surface.
S₁ 85° to core (270 m)

272.39-272.58 - Jasper with trace chalcopyrite. Note core is somewhat cherty above & below jasper layer.

S₁ 55-60° to core (274 m)

275.04 279.50

Maroon & green schist

- note concordant jasper horizon 4 cm wide at 275.95 m.

S₁ 55° to core

278.59-279.50 fault zone; lost 1 m of core

279.50 END OF HOLE

METRE		RECOVERED CORE	RECOVERY %
FROM	TO		
0	151.49	1.03	100
151.49	154.53	3.11	102
154.53	157.58	3.06	100
157.58	160.63	2.88	94
160.63	163.68	2.47	81
163.68	166.72	3.08	101
166.72	169.77	3.09	101
169.77	172.82	3.04	99
172.82	175.87	2.82	92
175.87	178.92	2.96	97
178.92	181.97	3.20	105
181.97	185.01	2.96	97
185.01	188.06	3.12	102
188.06	191.11	3.21	105
191.11	194.16	3.02	99
194.16	197.21	2.98	98
197.21	200.25	3.30	108
200.25	203.30	3.03	99
203.30	206.35	2.95	97
206.35	209.39	3.21	105
209.39	212.44	2.70	88
212.44	215.49	3.06	100
215.49	218.54	2.82	92
218.54	221.59	3.05	94
221.59	224.64	3.07	100
224.64	227.68	2.95	97
227.68	230.73	2.91	95
230.73	233.78	1.31	43
233.78	236.83	3.04	99
236.83	239.88	3.14	103
239.88	242.93	3.03	99
242.93	245.97	3.07	101
245.97	249.02	3.08	101
249.02	252.07	3.13	103
252.07	255.12	3.16	104
255.12	258.17	3.10	102
258.17	261.21	3.11	102
261.21	264.26	2.91	95
264.26	267.31	3.14	103
267.31	270.36	3.07	101
270.36	273.41	2.97	97
273.41	276.45	2.98	98
276.45	279.50	3.33	109

A P P E N D I X 2

STATEMENT OF EXPENDITURES

The following expenses incurred by Cominco Ltd were related to drilling holes FM-90-1, FM-90-4 and FM-90-5.

Drilling

447 m at \$73.50/m	\$ 55,107.33	
Mob/demob	5,069.60	
Man and machine hours	24,047.39	
Materials (timbers/mud/salt/fuel/bits/etc	22,912.61	
Core rack	<u>2,500.00</u>	
		\$109,636.93

Transportation

Trucking charges	3,330.00	
Helicopters		
Bell 205 27.4 h @ \$1708.76/h-	46,820.00	
Bell 47T 18.2 h @ 700.00/h-	<u>12,740.00</u>	
		62,890.00

Salaries

<u>Personnel</u>	<u>Dates</u>	<u>Rates</u>		
I.A. Paterson	25-29 July	\$350x10 =	3,500.00	
	16-21 Aug.			
A.W. Lee	24-28 Aug.	189.97x5=	949.85	
D.P. Van Ulden	27,28 July	129.61x3=	<u>388.83</u>	4,838.68

Domicile

119 man day at \$100/day	11,900.00
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Report Preparation

A.W. Lee	6 days at \$189.97/day-	1,139.82	
I.A. Paterson, 2 days at \$350/day	-	<u>700.00</u>	1,839.82

<u>Total Expenditure, Holes FM-90-1, 4 and 5</u>	<u>\$191,105.43</u>
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A P P E N D I X 3

REFERENCES

- Holbek, P.M., 1988, Geology and Mineralization of the Stikine Assemblage, Mess Creek Area, Northwestern British Columbia. Unpub. M.Sc. thesis, University of British Columbia.
- Souther, J.G., 1972, Telegraph Creek map area, GSC Paper 71-44.

A P P E N D I X 4

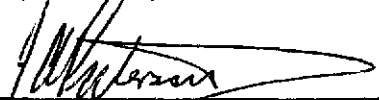
STATEMENT OF QUALIFICATIONS

I, IAN . PATERSON, with business address at 700-409 Granville Street, Vancouver, British Columbia, do hereby certify that I have supervised the field work and have assessed and interpreted the data resulting from this diamond drilling program on the More 2 Mineral Claim.

I ALSO CERTIFY THAT:

1. I graduated from the University of Aberdeen, Scotland with B.Sc. (Hons.) degree in 1967.
2. I graduated from the University of British Columbia with a Ph.D. degree in 1973.
3. I am a registered Professional Engineer of the Province of British Columbia, a Fellow of the Geological Association of Canada and a Member of the Canadian Institute of Mining and Metallurgy.
4. I have been engaged in my profession since my graduation in 1973.
5. I have been employed by Cominco Ltd since 1974.

Respectfully submitted:



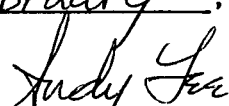
I.A. PATERSON
Senior Geologist

STATEMENT OF QUALIFICATIONS

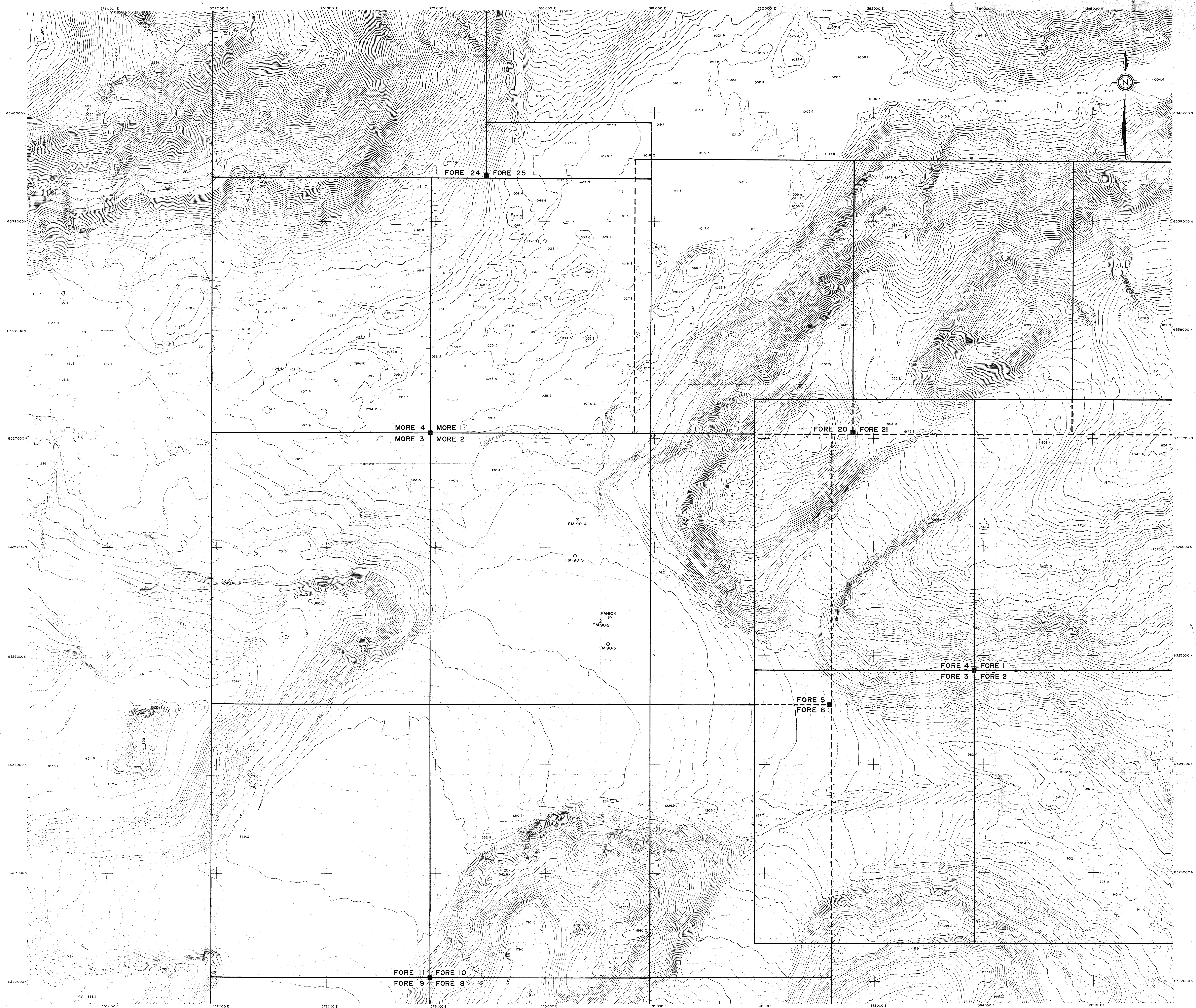
I, ANDREW W. LEE, of 2033 Floralynn Crescent, North Vancouver, British Columbia, Canada, declare:

1. I am a geologist, and reside at the above address.
2. I graduated from the University of British Columbia in 1990 with a Bachelor of Science (Geology) degree.
3. This report is based on personal field examination of the property and the drill core, as well as a review of all pertinent information.

Dated at Vancouver, B.C., this 5 day
of February, 1991.



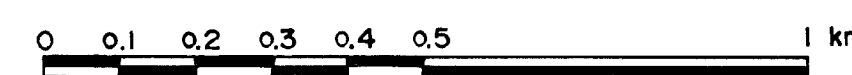
Andrew W. Lee
Geologist



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,402

MORE CREEK
COMINCO LTD.
SCALE 1:10000
Contour Interval 10 m

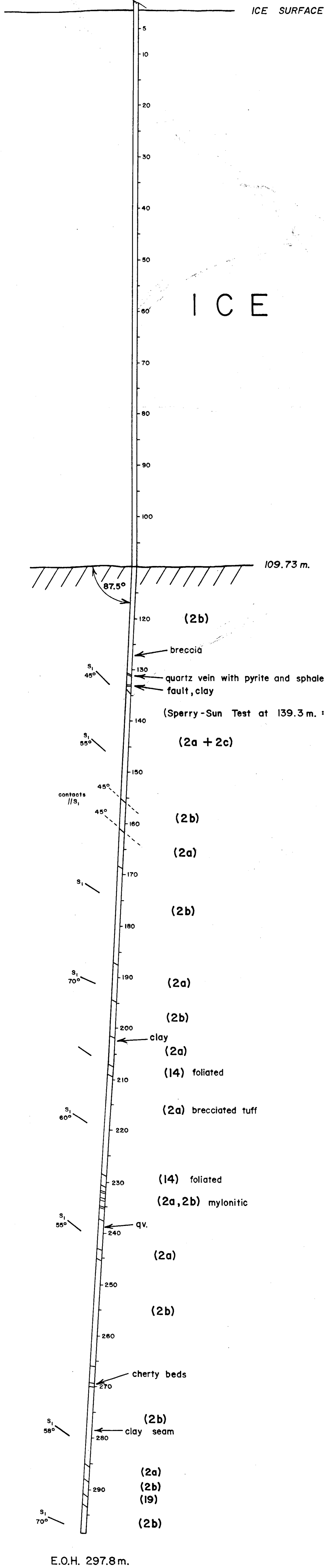


FOREMORE 1990			
DRAWN BY: J.A.P.		CHECKED BY:	
REVISED BY: J.A.P.		DATE: 10/4/90	
CLAIM BLOCK AND DRILLHOLE COLLAR LOCATIONS			
SCALE: 1:10,000		DATE: DECEMBER 1990	
PAGE: 90-1			

N.W.

FM-90-4
VERTICAL

S.E.



- 1990 FOREMORE PROPERTY LEGEND
- STRATIFIED ROCKS
- DEVONIAN(?)
- 4 Graphitic sediments and felsic-interm tuffs +/- epiclastics
- 4a Black to grey carbonaceous chert. Contains thin tuff/siltstone beds or laminae. Brecciated, fractured, locally mylonitized
- 4b Graphitic schist/phyllite. Variable silica content. Pyrite bands, blebs common. Least competent lithology. Rusty weathering
- 4c Quartz-sericite schist/phyllite. Locally recognized by ash-crystal-lapilli tuffs. Alteration product of 4b(?)
- 3 Limestone, white, fine-grained and thinly bedded to laminated. Possible facies of the crinoid ls in outcrop
- 2 Maroon and green schist
- 2a Hematite-chlorite schist (lapilli tuff to tuff breccia)
- 2b Quartz-sericite-chlorite schist. Alteration product of hematitic schist
- 2c Coarse maroon & green flow breccias; coarse weathering, fragments maroon with relict amygdulites; epidotized
- 1 Pale green to medium green quartz-sericite-chlorite schist/phyllite. Felsic-intermediate pyroclastics: Ash, lapilli tuff, crystal tuff +/- breccia, lapilli includes pods/clasts sulphides
- INTRUSIVE ROCKS
- 19 Basalt dykes/sills. Dark green, brown/rusty weathering fine to very fine-grained, vesicular/amygduloidal, magnetic. Tend to follow or fill faults.
- 17 Diorite/syenodiorite. Plugs possibly associated with 15 (?)
- 15 Syenitic intrusive. Salmon pink to medium green. Contains trachytic kapar 1-5 mm
- 14 Diabase/gabbro sills; dark green, fine-to medium-grained +/- fs-phyric with a weak to moderate foliation. Variably magnetic, blocky fracture, gabbro hb-phyric, coarse-grained +/- unutilized with mod. foliation.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,402

0 10 20 30 40 50 metres

FOREMORE 1990

104 G/2

Drawn by:	I.A.P.	Traced by:	d. m. d.
Revised by:	Date	Revised by:	Date
A.W.L.	Sept., 90		

DDH FM-90-4 SECTION AT
12 + 15 E., 00 + 15 N.

LIARD M.D., B.C.

Scale: 1 : 500

Date: Sept. 24, 1990

Plate: 90-2

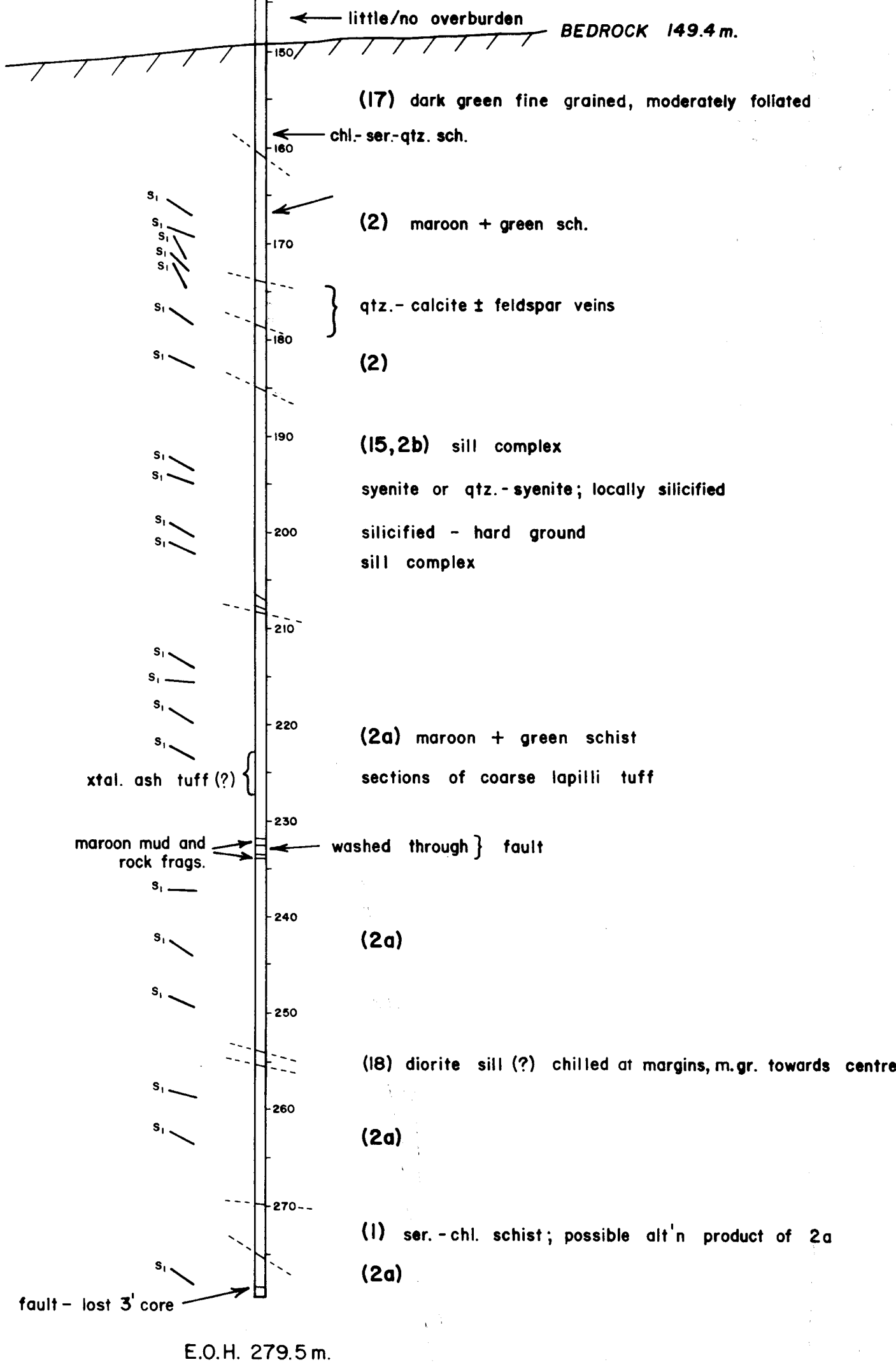
N.W.

FM-90-5
VERTICAL

S.E.

ICE SURFACE

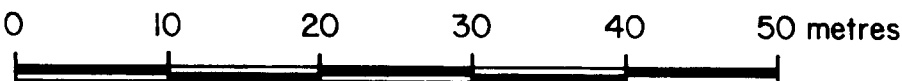
ICE



- 1990 FOREMORE PROPERTY LEGEND
- STRATIFIED ROCKS
- DEVONIAN(?)
- 4 Graphitic sediments and felsic-interm tuffs +/- epiclastics
- 4a Black to grey carbonaceous chert. Contains thin tuff/siltstone beds or laminae. Brecciated, fractured, locally mylonitized
- 4b Graphitic schist/phyllite. Variable silica content. Pyrite bands, blebs common. Least competent lithology. Rusty weathering
- 4c Quartz-sericite schist/phyllite. Locally recognized by ash crystal-lapilli tuffs. Alteration product of 4b(?)
- 3 Limestone, white, fine-grained and thinly bedded to laminated. Possible facies of the crinoid ls in outcrop
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- 2a Hematite-chlorite schist (lapilli tuff to tuff breccia)
- 2b Quartz-sericite-chlorite schist. Alteration product of hematitic schist
- 2c Coarse maroon & green flow breccia; carcass weathering. Fragments maroon with relict amygdules; epidotized
- 1 Pale green to medium green quartz-sericite-chlorite schist/phyllite. Felsic-intermediate pyroclastics. Ash, lapilli tuff, crystal tuff +/- breccia, lapilli includes pods/clasts sulphides
- INTRUSIVE ROCKS
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,402



FOREMORE 1990

104 6/2

Drawn by:	I.A.P.	Traced by:	a. m. d.
Revised by:	Date	Revised by:	Date
A. W. L.	Sept., '90		

DDH FM-90-5 SECTION AT
10 + 80 E., 2 + 83 S.

LIARD M.D., B.C.

Scale: 1 : 500

Date: Sept. 24, 1990

Plate: 90-3