85-1123 - 14817

GEOPHYSICAL REPORT ON THE

PAUL 1-38, 42, 44-46, 50-52 CLAIMS

CANADA CEMENT LAFARGE LTD.

RESEARCH AND TECHNICAL CENTRE

GEOLOGY AND RAW MATERIALS

N.T.S. 92F/9W
Nanaimo Mining Division
Lat. 49° 37.5' Long. 124° 23.5'
Owner/operator: Canada Cement Lafarge Ltd.

MOUAT BAY REPORT

By: JEAN-GUY LEVAQUE

Janauary 1986

I N D E X

ANNEXED:

INTRODUCTION

Canada Cement Lafarge Ltd. controls a block of 45 mining claims in the vicinity of Mouat Bay, on Texada Island, B.C. The mineral deposit of interest to C.C.L. in this area is a high-calcium limestone of the Marble Bay Formation which rests conformably on the volcainic rock of the Texada Formation.

In October of 1985, geological exploration was performed in this area using geophysical methods. The results of these surveys indicate a less common occurrence of intrusive dykes at Mouat Bay than at Vananda Quarry.

GENERAL GEOLOGY

A northwestward trending belt of the Marble Bay Limestone Formation, 6 kilometers long and as much as 1.5 kilometers wide, occurs near the west coast of Texada Island in the vicinity of Mouat Bay. As stratification has not been found in the limestone belt, direct evidence of its relationship to the surrounding volcanic rocks of the Texada Formation could not be determined. Metamorphism has oblitered the original bedding. The volcanic rocks exposed along the shore to the southeast of the belt strike eastward at a marked angle to the concealed limestone-volcanics contact. The limestone in this part appears, therefore, to be in faulted relationship with the Texada Formation to the west, along the northeastern edge and at the northern end of the limestone belt. However, the main limestone body appears to be in conformable relationship with the volcanics. The limestone body appears, therefore, to be a southwestward-dipping block of the Marble Bay Formation bounded at the west by a fault. The total thickness of limestone in the belt has not been determined, but calcium-limestone, similar to that of the second member of the Marble Bay Formation farther to the north, occupies the southwestern half of the belt,

possibly 300 meters of limestone may be present in some parts (fig. 1). The deepest d.d.h.'s of the 73-74 diamond drilling campaign have penetrated a thickness of 100 meters of limestone without intercepting the basal contact of limestone and volcanic rocks.

No dykes have been observed in the limestone outcrops and very few have been found in the volcanics exposed along the shore between Mouat and Davie Bays, but some dykes have been intercepted by diamond drill holes or have been indicated by the magnetic survey where the limestone was covered by overburden.

MOUAT BAY C.C.L. PROPERTY

The Lafarge property at Mouat Bay is composed of a block of 45 mining claims called "LAFARGE PAUL'S GROUP". The identification numbers of these Paul claims are: 1-38, 42, 44, 45, 46, 50, 51, and 52. (See Map #1).

The Mouat Bay claims are of standard size being 457.2 meters (1500 feet) by 457.2 meters square and each comprises a land surface area of 20.9 hectares. Therefore, the C.C.L. clam blocks cover a total area of 940.5 hectares. Of the 45 claims controlled by C.C.L., only 25 are located within the area of the limestone belt.

1985 GEOPHYSICAL SURVEYS

Instrument: Scintrex EG-S2 (total field) mag/EM combined.)

Geophysical methods were employed in the Fall of 1985 for the geological exploration of the glacial drift covered area claimed by C.C.L. at Mouat Bay. During the month of October, an exploration grid was cut cover the former 73-74

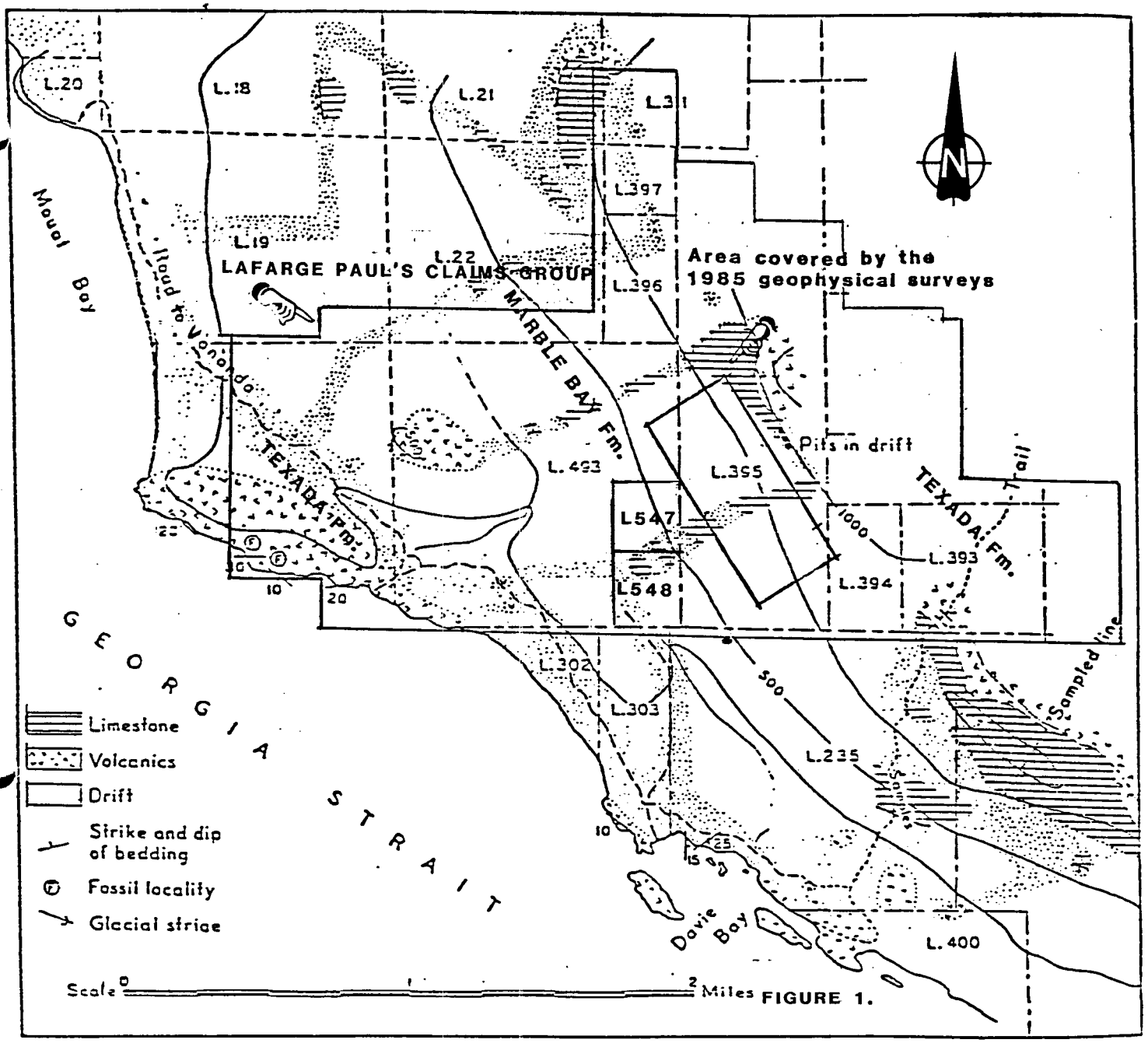

FIGURE 1.

COMPOSITE PLAN OF THE LAFARGE PROPERTY, MOUAT BAY, TEXADA ISLAND, B.C..

D.D.H. grid. A new base line, 2 kilometers in length and oriented 336° from the northeast post of lot 547, was established. Fourteen tie-lines, each one being 600 meters in length, were cut perpendicular to the base line. This exploration grid covered an area of 120 hectares on 13% of the C.C.L. Mouat Bay property.

GEOPHYSICAL INTERPRETATION

A test line made in the Vananda quarry (fig. 2) over two visible dykes showed two things:

a) significant anomalies were represented on the print out from the survey taken by the magnetometer.

b) the electromagnetometer VLF produced no evidence of dyke occurrence.

These facts confirm that for the Mouat Bay property, the magnetometer is a good tool for the detection of hidden dykes occurring under a drift cover, and that any electromagnetic anomalies would correspond to shear zones.

RESULTS OF THE SURVEYS

Magnetometric survey --- this geophysical survey has shown the presence of many sub-parallel magnetic axes with a general trend of 330°. Most of these magnetic anomalies have no electromagnetic correspondence. Superimposition of the magnetic axes over the trace of the 73-74 D.D.H. shows that magnetic axes correspond to the intercepted dykes or whitish magnesian limestone. This metamorphosed limestone, called skarn, is nothing more than the trace of

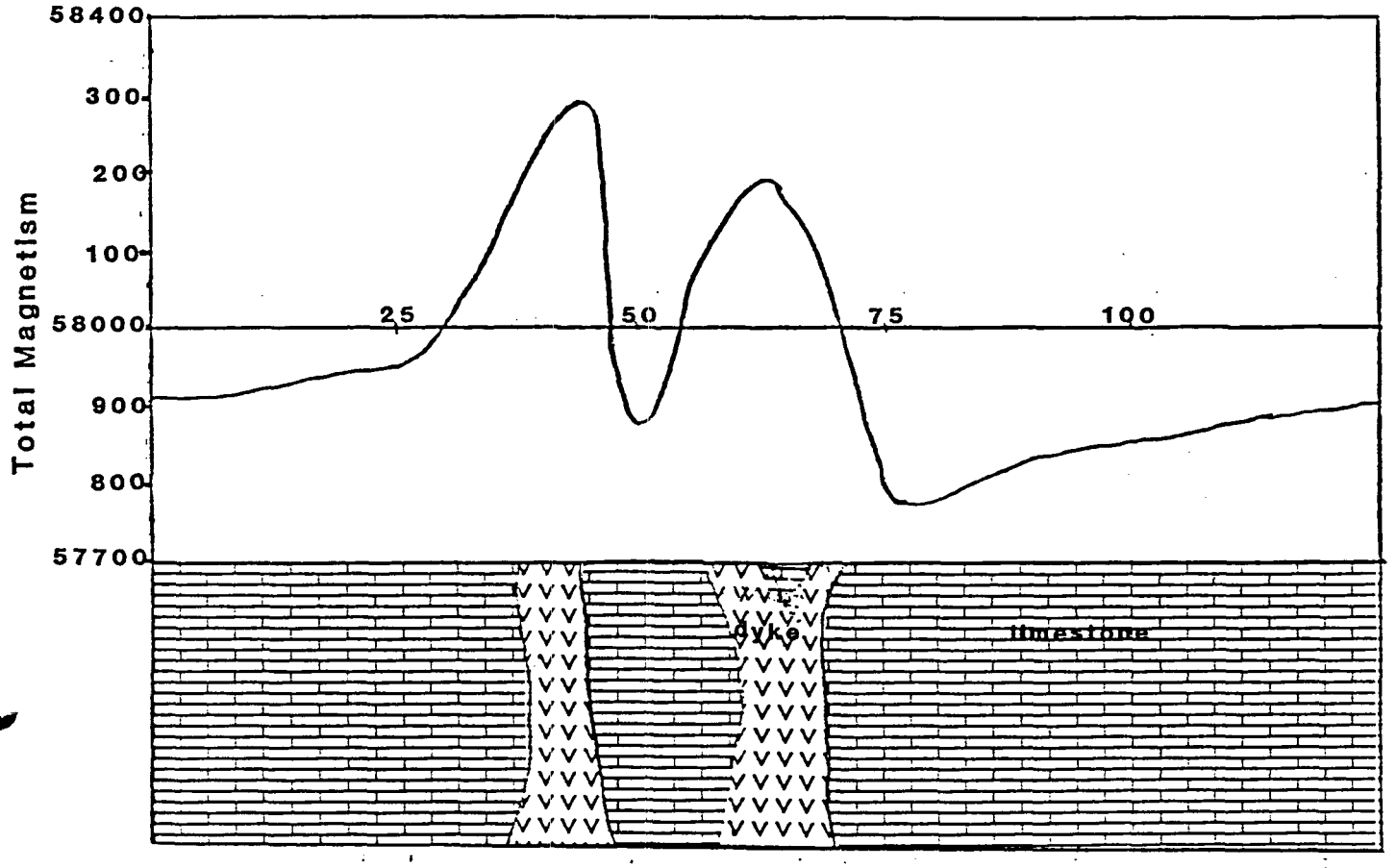

Figure 2. Geophysical test-line in the Vananda quarry.

deep-seated dykes. Skarn has been formed by the bleaching of limestone adjacent to fractures by solution of vapours which migrated along them, and introduced large amounts of Si, Al, Fe, and Mg. According to the 73-74 core logs the average thickness of dykes varies from 1 to 2 meters. Some dykes are more than 6 meters thick.

Electromagnetic survey --- Electrical methods of prospecting are good ways to detect shallow structural features. During the EM survey three electromagnetic axes were detected. Two of them (anomalies C & B) are also magnetics. They are probably crushed dykes which were put forth while the limestone mass was still in movement. They are sub-parallel to the others NW-SE dykes. The third electromagnetic axis trending E-W is a shear zone. This major fault has cut many parallel dykes with a reject movement of 40 meters.

If any gold bearings exist on the C.C.L. Mouat Bay property, they will be found within this type of structure.

DYKE OCCURRENCE

The compiled information obtained from the results of the 1985 geophysical survey and the 73-74 drilling exploration campaigns indicate that the limestone deposit of Mouat Bay has fewer dyke intrusions than the limestone deposit at Vananda.

The composite geological map (map #2) and cross sections located in the appendix of this report, indicate the presence of one long dyke which is associated with a shear zone that occurs along the east side of the grid.

Some pinched dyke segments are also present within a skarn structure and from a network of subparallel fractures oriented at 330°.

In some cases, the fractures were not wide enough to permit magma to reach the surface. However, a solution of vapours charged with mineralizers could migrate along them.

The correlation between the geophysical survey axes and the D.D.H.'s indicates that the dykes and skarn zones are dipping steeply in a westward direction at an angle of 60° to 80° from the horizontal (fig. 3 & annexed cross-sections).

CONCLUSION

The limestone deposit at Mouat Bay contains less dykes than the one at Vananda quarry. The results obtained from the geological investigations performed at Mouat Bay indicate that the limestone deposit is less intruded by dykes than most limestone deposits being extracted on Texada Island. The Mouat Bay deposit is similar to the one at the Imperial quarry. The quarriable rock is characterized by the presence of many whitish limestone seams (skarn or marble) with rare occurrences of dyke intrusions. The conclusions obtained through the investigations at Mouat Bay may only be applied to the first 100 meters in depth of the limestone deposit within the area of the exploration grid. This depth is the maximum vertical depth reached by the diamond drilling campaign. The dyke roots of the skarn seams are located somewhere below this level. The total thickness of this limestone deposit has not yet been determined. However, it is presently known that this limestone formation rests

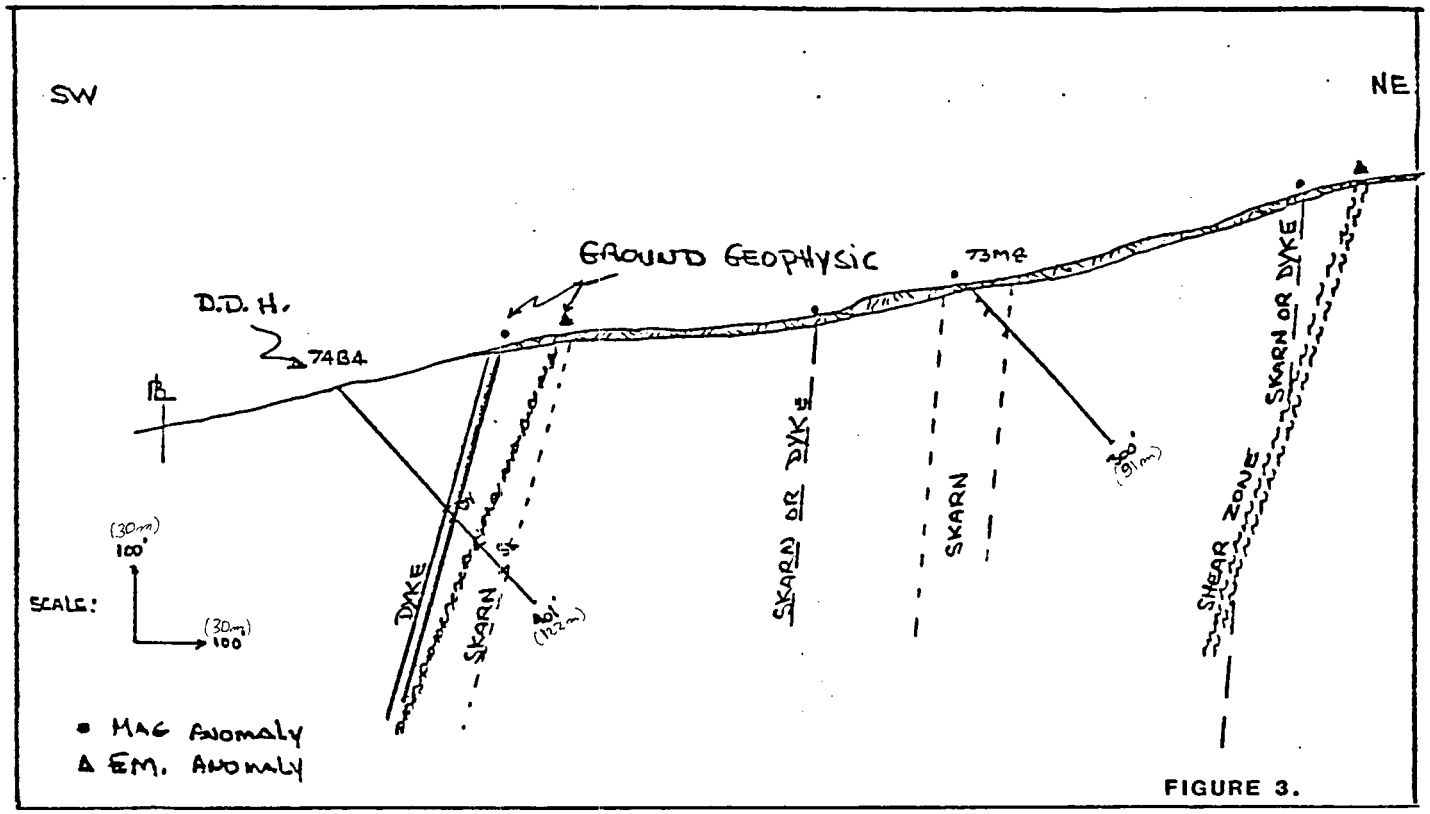

Figure 3. **Relationship between ground geophysical surveys and geological D.D.H..**

conformably on the Texada volcanic formation. Therefore, the attitude of the interface of both rock types could correspond to that of the limestone bedding.

RECOMMENDATIONS:

In order to obtain a better understanding of the Mouat Bay limestone deposit, additional geological information is required. The following drilling scheme is recommended at the best approach to achieving this objective.

1) Three long vertical D.D.H.'s should be put down deep enough to hit the basal contact of the limestone deposit.

2) A few long and inclined holes should be drilled through the skarn zone in order to determine the level of the deep-seated dykes.

3) Two short holes dipping 45° and oriented N40°E should be drilled through the junction of the dyke and shear zone in order to determine the gold potential of the C.C.L. property.

The locations of the proposed D.D.H.'s may be found on the geological map no. 2.

Finally, in addition to the proposed drillig campaign, an expanded geophysical survey of the area is recommended in order to complete the geological mapping of dyke occurrences and to determine the limits of the limestone belt.

REFERENCES

1985 RELEVES GEOPHYSIQUES A MOUAT BAY, C. ST-HILAIRE.

1983 REPORT ON DYKES EVALUATION, VANANDA QUARRY, RICHMOND PLANT, C. LAFRENIÈRE.

1974 MOUAT BAY DEPOSIT, SECOND REPORT, J.C. BOUCHART.

1973 MOUAT BAY DEPOSIT, J.C. BOUCHART.

1957 CALCAREOUS DEPOSIT OF SOUTHWESTERN BRITISH COLUMBIA, W.H. MATHEWS AND J.W. McCAMMON.

COST DESCRIPTION

1. Field Work

- GEOPHYSICIST	
12 days X $300.00/d	$3,600.00
- TECHNICIAN	
12 days X $225.00/d	2,750.00
- INSTRUMENT LOCATION	1,000.00
- GEOPHYSICIST + TECHNICIAN EXPENSE (Food, lodging, transport)	5,000.00
- GEOLOGIST	
20 days X $300.00/d	6,000.00
Expense	5,500.00
- ENGINEERING GEOLOGIST	
13 days X $450.00/d	5,850.00
Expense	4,300.00
- LINE CUTTING AND SURVEYING	7,000.00
	$41,000.00

2. Office Work

- GEOLOGIST	
20 days X $300.00/d	6,000.00
- DATA INTERPRETATION (GEOPHYSICIST)	
5 days X $300.00/d	1,500.00
- TECHNICIAN (DRAFTING)	
8 days X $200.00/d	1,600.00
- ENGINEERING GEOLOGIST	
2 days X $450.00/d	900.00
	$10,000.00
TOTAL OVERALL COST:	$51,000.00

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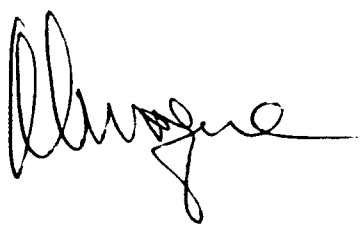


ANNEX # 1

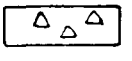
(complete drill logs)

Drill Log Legend

Overburden 

Dyke 

Bedrock (porphyry) 

Breccia 

Fractured area 

Stylolitic joint 

Pyrite 

Texada Island — 73 - M - 5 — DATE DRILLED: June - 1973 — -45° @ 056° AZIMUTH

Color	Texture	Footage 1" = 10'	Recovery	Descriptive Geology
Med. grey	f.g. to dense	0-10	60	Hole collared on bedrock. - med. grey f.g. - dense 1st. from 1' on. - considerable broken core till 35'
"		10-20	55	- limonite staining common on fractures and vugs - white calcite veinlets and irregular seams < ½" @ 20 - 40° generally and several per ft.
"	"	20-30	85	
"	"	30-40	90	- styrolytic fractures (darker grey) common @ 30' - 42.5'.
light grey	f.g.	40-50	90	- 42.5 - 46.5' @ 40 - 45° for both contacts for dyke
med. grey	f.g.	50-60	95	- have strongly altered to clay light grey dyke; some concentrated pyrite near contact plus white calcite inclusions @ 57' have well defined clastic texture
"	to dense with numerous clasts	60-70	95	- from 46.5 to 110' have noticable breccia (rounded clasts) in darker grey matrix.
"		70-80	95	- general size of clasts < ½"
"	"	80-90	95	
med. grey	"	90-100	95	• - have ~ 1" mud to sand seam @ 95'.

LOCATION: Mount Bay HOLE NO: 73-M-5 DATE DRILLED: June 1973 Pg 2 of 4

Texada Island -45° @ 056° Azimuth

Color	Texture	1" = 10'	Footage	Recovery	Descriptive Geology
Med. grey	f.g. to dense with clasts		100-110	95	Strongly clastic to 110'
"	f.g. to dense		110 120	95	110' - 151' have med. grey f.g. - dense lst. from 111' to 159' have seams & veins of white carbonate with limonite giving orange color @ 45° & 20° approx. 1 per ft.
"	"		120-130	90	- 2 veins @ 111' & 146' are 3 - 4" wide @ 45° @ 123 & 127' have fracture coatings of mud. - silt < ½"
"	"		130-140	95	
"	"		140-150	90	159'- 192' med. grey f.g. - dense lst. with less seams and possibly more veinlets
Med. grey	f.g. to dense		150-160	90	Core expecially vuggy @ 111', 136', 138', 152', 166', 173', 196'
"	"		160-170	85	- white calcite veinlets & darker grey styrolytic fractures are common
"	"		170-180	95	@ 193' have 1" of grey mud - gauge (marl?) some of larger styrolytic fractures appear to have same filling @ 50°
"	"		180-190	95	- more intense fracturing for 192' - 216.9'
" f.g.	1" gauge to dense		190-200	95	

LOCATION: Mount Bay HOLE NO: 73-M-5 DATE DRILLED: June 1973 PAGE 2 OF 2

Texada Island -45° @ 056° Azimuth

Color	Texture 1" = 10'	Footage	Recovery	Descriptive Geology
Med. grey	f.g. to dense	200-210	90	for 192' - 231' have med. grey f.g. - dense lst. @ 203 - 205', & 214 - 216.5' have split into ½" thick discs by fracturing. 1" gauge @ 216.5'
"	" 1" gauge	210-220	90	Vuggy at 221' - 222' @ 220' & 226' have silty sand for 1 - 2" & 12 - 18"
"	f.g. to dense but coarser appearing	220-230	95	
"		230-240	95	- coarser feeling core begins @ 227 - 239' although grain size remains f.g. to dense
light grey to light grey green	f.g.			- 239' - 243' have light grey - light grey green altered andesitic dyke with pyrite specks, contact @ 45°?; also containing calcite stringers (check with acid) rough surface feel; white seams @ 247.5' & 254'
	f.g. to dense	240-250	95	
Med. grey	f.g. to dense	250-260	95	- again vuggy at 262'
"	"	260-270	90	254 - 263' f.g. - dense med. grey lst. with veinlets of white calcite & darker grey styrolitic fractures - 263 - 265, 275 - 280, 283 - 284' & 303 - 306' have considerable broken core - vuggy @ 263 & 275' intervals.
Med. grey	"	270-280	75	- possible zone from 227' - 279' of higher magnesium especially with white carborate seams & veinlets 279 - 333' & have f.g. - dense med. grey lst. showing some breccia esp. @ 300' with occasional large styrolytic fractures with dark grey marl, rare white, carbonate seams & veinlets and some porosity in vugs.
"	" with	280-290	85	
"	some breccia	290-300	90	

LOCATION: [illegible] HOLE NO: 73-M-5 DATE DRILLED: June, 1973 PAGE 2 OF 5

45° @ 056° Azimuth

Color	Texture	Footage 1" = 10'	Recovery	Descriptive Geology
med. grey	f.g. to dense	300-310		300-400' have f.g. - dense med. grey lst.
"	"			Some white carbonate stringers ∠ 1/2" @ 0-10° e.g. @ 365' & 40° @ 346' with clasts of angular med. gray lst. @ 40°
		320	95	
"	"			Have 2' core loss for 341-43'
		330	95	Clasts up to 1" by 1/4" @ 350' & again @ 390-400' variable orientation
"	"			
		340	95	Vuggy @ 372'; broken core 372-375' with increase of white carbonate @ 0-10°
med. grey	some breccia			
		350	95	375-400' have white veinlets @ 20-40° @ 1 per 6"
"	f.g. to dense			Some stylolytic fractures with dark grey material (marl)
		360	90	
"	"			
		370	95	
"	"			
		380	85	
"	"			
		390	90	
"	"			
		390-400	95	

-45° @ 056° Azimuth

Color	Texture	Footage 1" = 10'	Recovery	Descriptive Geology
med. grey	f.g. to dense with rougher feel	400-410	95	Slightly rougher feel to core from approx. 400'-415'
"	"			
	some breccia	420	95	Clastic texture again apparent @ 415' orientation of clasts varies.
"	f.g. to dense	430	95	@ 435' have 1" white carbonate with rounded clasts all @ ~ 40°
"	"	440	95	Darker grey stylolytic fractures common 400-450' @ 30°
"	"	440-450	95	End of hole @ 450'

LOCATION: Moore Bay HOLE NO: 73-M-6 DATE DRILLED: June 1973 Page 1 of 2

Texada Island

Footage @ - 45° @ 056°

Color	Texture 1" = 10'	Recovery	Descriptive Geology
O.B.	Silt	0-10	O.B. to 44'
O.B.	Sand	10-20	
	aggregate		Broken core @44' with considerable limonite staining on f.g. to dense light grey - buff lst. - same for 44 - 50' @49' & 50' have several 3" bands of slightly coarser grained (outside only) or porous looking and with a slight color change @ 90°. - styrolytic fractures (joints) assoc'd. with banding. 50 - 59.5' porous appearance & styrolytic fractures common plus orange-grey colored lst. 59.5-66' have med. grey f.g. - dense lst. @66' have light grey - buff lst with 6" angular inclusion of med. grey lst. @ 68'.
O.B.		20-30	
	"		
O.B.		30-44 70	
light grey buff	f.g. to dense	44-50	
orange grey	"	50-60 90	66 - 87' generally light grey f.g. to dense with porous appearing surface, styrolytic fractures @ 0-20°, 40° and white calcite? often m.g. in seams @ 70-90° & 30-40°.
med. grey	"		
light grey to buff		60-70 85	
light grey	f.g. to dense	70-80 95	87-91.5' have buff - light grey lst.
light grey	"	80-90 95	91.5-93' have skaarn rock with angular lst. inclusions. 93 - 101'? have strongly altered light green andesitic dyke @ 70-90°?; some gauge & poor recovery & some pink carbonate @ 70° & 0-10°.
to buff			
light green	f.g.	90-100 65	

LOCATION: NOURT BAY HOLE NO: 73-M-6 DATE DRILLED: June 1973 PAGE 1 OF 2

Texada Island @ -45° @ 056° Azimuth

Color	Texture	Footage 1" = 10'	Recovery	Descriptive Geology
skaarn light grey	f.g. to dense	100-110		Skaarn contact @ 101' @ 30-40°. - 4" styrolytic banding @ 103' @ 80 - 90°. - 1 to 2" clastic bands @ ~108' @ 70-80° with subround clasts to 3/4". @ 109.5' have 3" of orange grey skaarn @ 80° contacts
"	faint breccia	110-120		
" orange skaarn	f.g. to dense	120-130	90	101 - 129' have light grey f.g. dense 1st. - faint angular breccia texture @ 120' with approx. 70° orientation of clasts. @ 130' have color contact between light grey & light med. grey @ 90°. @ 129-130 & 131 - 133' have orange buff skaarn, also vuggy & again @ 148' have 2" inclusion
med. grey	"	130-140	85	130-200' have on average med. grey f.g. to dense 1st.; 176 - 190' light grey & 130-153 light grey - color banding with lighter grey & med. grey @ 150' @ 80° & 90° @ 155' @ 80°; 176' & 177.5' @ 90° with stryolitic joints, clastic banding @ 187' @ 80°; ½" color banding @ 197' @ 70-80° as good examples of bedding plane.
on average	some breccia texture	140-150	90	
		150-160	95	
"	f.g. to dense	160-170	95	- for 130 - 200' stryolitic fractures generally 60°, some clastic texture and few white calcite? veins ½" except for seams @ 176 - 178' - white calcite @ 90°, 0-1°.
"	with some breccia	170-180	95	
med. grey	"	180-190	95	
"	"	190-200	95	

LOCATION: Mosaic Bay HOLE NO: 73M 6 DATE DRILLED: June 1973 PAGE 3 OF 5

Texada Island -45° @ 056° Azimuth

Color	Texture	Footage 1" = 10'	Recovery	Descriptive Geology
				200 - 250'
Med. grey	f.g. to dense	200-210	95	similar to 130-200' with f.g. - dense med. grey lst. showing more clastic texture especially assoc'd with styrolytic fracture
"	plus breccia without matrix	210-220	95	@ 225' have ½" color bands @ 80-90° - could be large marl bands
"	"	220-230	95	@ 247' have rounded clasts < 1" showing general 70-90° orientation - larger styrolytic fractures @ 70-90° & some assoc'd with darker grey marl
"	"	230-240	95	
Med. grey	f.g. to dense	240-250	95	- some darker grey lst. bands assoc'd with lighter grey clasts @ 268 - 270'
"	with some	250-260	95	- banding @ 80°
"	breccia (stryolytic) fractures on clasts)	260-270	95	250' - 300' have med. grey f.g. dense lst. with styrolytic fracture esp. @ 254', 288' - some marl (dark grey) with larger styrolytic fractures - brecciated texture also assoc'd with styrolytic fracture @ 267' 289'
"		270-280	95	- white veinlets not common (1 per ft.) & veins also rare & @ 60-90°
"	"	280-290	95	
"	"	290-300	95	E of H @ 300'

73M7

Texada Island, B.C. @ -45° @ 056° Azimuth

Color	Texture	Footage	10' Recovery	Description Core B
				Core recovery begins @ 10'
O.B.	silt sand & volcanics	0-10		- minor green volcanic for 9 - 10'
				10' - 22' generallymemed. grey f.g. lst.
med. grey	f.g.	10-20	85	- white carborate veins & veinlets @ 20° & common
				- styrolytic contact @ 22' with light grey f.g. to dense lst.
light grey	f.g. to dense	20-30	95	- @ 32-34' have marble texture in light grey & white seams with f.g. - m.g. texture
"	"			22 - 60' generally light grey
		30-40	95	- white veinlets more common than veins @ 1 per 3"
"	"			Styrolytic fractures common for 50 - 60'
		40-50	95	- minor color contact between shades of light grey @ 54.5'
"	"			- irregular styrolytic contact
		50-60	95	- 680- -60-80' have a number of vuggy styrolytic fractures @ 50°, 0-20°
light grey	f.g.	60-70	95	- white veinlets veins @ 20-30° & 70-80°
"	"			- for 60-100' have light grey f.g. lst.
		70-80	95	- some black marl? assoc'd with larger styrolytic fractures & with white carbonate veins
"	"			- many small styrolytic fractures @ 30°, 60°.
		80-90	95	
"	"			
		90-100	95	

73M7

Footage @ -45° @ 056° QAzimuth

Color	Texture	1" = 10'	Recovery	Descriptive Geology
light grey	f.g.	100-110	95	100 - 110' have light grey f.g. lst.
"	"			- for 119-123' @ 40-55° have f.g. - m.g. breccia with disoriented rounded irregular clasts up to several inches, with several white calcite? veins @ 30° & < ½" wide
		110-120	95	
"	f.g. to dense	120-130	95	123 - 150' have light grey f.g. to dense lst. with styrolytic fractures @ 1 per inch @ 30°
"	"			- some white veinlets have simlimonite? staining assoc'd. & @ 0-20° & 60°
		130-140	95	- minor broken core @ 140', 142' & 154'
"	"			- 150-180' light grey f.g. dense lst.
		140-150	90	- vuggey texture assoc'd with some styrolytic fractures @ 0-20°
				-
				- hairline styrolytic fractures are common
light grey	f.g. to dense	150-160	95	
"	"			@ 165' have minor development of conchoidal fracturing on ½" discs
		160-170	95	- stronger vuggy texture for 171 - 176'
"	"			- 180 - 200 have light grey f.g. lst.
		170-180	95	- 195 - 197' have irregular eyes of white f.g. - m.g. carbonate < ½" in dia.
light grey	f.g.			- hairline styrolytic fractures common
		180-190	95	- white veinlets @ 1 per 6" @ 20 - 30° & 60°
"	"			
		190-200	95	

LOCATION: Mount Bay HOLE NO: 73-M-7 DATE DRILLED: June 1973 PAGE 3

@ -45° @ 056° Azimuth

Color	Texture	Footage 1" = 10'	Recovery	Descriptive Geology
light grey	f.g. to dense	200-210	95	200 - 233' light grey f.g. - dense lst. with styrolytic fractures very common - strong vugs @ 210-211'
"	"	210-220	95	- white carbonate irregular eyes @ 211-216' making up 10-20% by volume, eyes @ ½" in dia. & are f.g. - m.g. - 233-240' have well broken core
"	"	220-230	95	- for 228 - 233' white seams @ 1/8" are @ 40° & often 1" long & clustered
"	"	230-240	80	240 - 300' light grey f.g. to dense lst. - faint breccia texture with rounded clasts @ 252-255'; variable orientation of clasts
light grey	f.g. to dense	240-250	95	lesser styrolytic fractures & more white veinlets @ 30 - 40°
"	"	250-260	95	- for 260 - 280' have white veins @ ¼" @ 40°, 60° @ 270.5' have 3" of ¼ to ½" discs - vuggy @ 275 - 276' & 277 - 280'
"	"	260-270	95	- broken core @ 284 - 285' & 290-305'
"	"	270-280	95	- lesser styrolytic fractures & veinlets for 280-300'
"	"	280-290	85	
light grey	f.g. to dense	290-300	85	

@ -45° @ 056° Azimuth

Color	Texture	1" = 10'	Footage Recovery	Descriptive Geology
				300 - 330' have generally light grey f.g. - dense lst.
light grey	f.g. to dense	=	300 - 310 95	- faint breccia texture @ 315', & 318' generally assoc'd with styrolytic fractures
		=		- ¼" to ½" discs @ 311', 312-313' & 316'
"	"	=	310-320 95	Vuggy @ 315.5 - 317', 322-324'
				330-400' have generally light - med. grey f.g. to dense lst.
		+	320-330 90	= styrolytic fractures common giving brecciated appearance without matrix @ 340' & 346'
light - med. grey	f.g. to dense	Δ	330-340 90	broken core @ 229-330', 335-336' 345-345.5'
		Δ		- breccia texture strong @ 346'
"	"	Δ	340-350 90	358-360', 373-374' all assoc'd with hairline styrolytic fractures
		Δ		- 3" irregular patch of white carbonate @ 362'
"	"	Δ	350-360 95	- white veinlets @ 1 per 6" @ generally 30° for 330-400'
		Δ		- have rougher feel to core for 370-400' due to f.g. texture
"	"		360-370 95	- irregular eyes of white < ¼" are common (10%) for 373-374', 382-390'
light med. grey to	f.g. with rougher feel		370-380 95	- only 30% recovery for 390-400' due to drilling problems
"			380-390 95	
"	"		390-400 30	

#5170

Texada Island @ 450 @ 056° Azimuth

Color	Texture	Footage 1" = 10'	Recovery	Descriptive Geology
OB	intrusives & volcanics	0-10		Core recovery before 7' consists of intrusive & volcanic cuttings
light grey	f.g. to dense	10-20	90	- 1st. core recovery beings @ 10'.
med. grey	f.g.	20-30	85	- light grey f.g. - dense 1st. 10 - 23'.
"	"			- have 1-2' cave area filled with O.B. intrusive cuttings with 40% recovery
				' ½" gauge with ¼" pyrite vein @ 10° @ 25'.
		30-40	90	- breakage into ½ to 1" discs common for 10 - 23'
med. grey	f.g. & brecciated	40-50	95	- 25 - 35' have med. grey f.g. 1st. showing crowded breccia texture
"	"			- possible orientation is 70 - 80° as shown by large clasts @ 35'
		50-60	95	- white veinlets @ 50-70° 35-100' generally have strong coarse breccia texture with fragments up to 1" (subrounded)
"	"			@ 47.5 have 60-70° breccia contact.
		60-70	95	
"	"			- 45-62' have concentration of white carbonate veins & seams 1" wide.
		70-80	95	@ 60-80°, 0 - 10°. - lavender colored mineral assoc'd. with stryolytic frac. @ 80'
med. grey	f.g. & brecciated	80-90	95	- occasional strong stryrolytic fractures @0-20° with marl - note lavender mineral @85
"	"			- 3" of adark grey gauge (marl or fault derived) @ 59' @ 88' have coarse breccia showing clasts 1½ with smaller clasts within.
		90-100	95	- strong breccia ends @ 94' - generally light grey from 100'

@-45° @ 056° Azimuth

Color	Texture	Footage 1" = 10'	Recovery	Description Geology
light grey	f.g. to dense	100-110	95	100 - generally light grey f.g. to dense lst. with styrolytic fractures v. common @ 1 per inch for 97-120'.
"	"	110-120	95	- fractures are @ 60-70° & 0-20° @ 122' have styrolytic color contact @ 80-90° between shades of light grey
"	"	120-130	95	- another @ 132' similar - - white veinlets @ 10-30° variable but common for 120-140'
"	"	130-140	95	- also variable white carborate veins @ 20°, 70°
"	"	140-150	95'	- faint breccia @ 152-153' - limonite staining on 0-10° fracture
light grey	f.g.	150-160	95	- several inches breccia @ 163'
"	"	160-170	95	- marl coated fracture @165' @ 80° - 150-200' have light grey f.g. lst. with styrolytic fractures @ 0-10°, & 70-80°
"	"	170-180	95	- white veinlets @ 30° @ 1 per 3 - 4"
light grey	f.g.	180-190	95	- lst. continues to be f.g.
"	"	190-200	95	

Footage @ -45° @ 056° Azimuth

Color	Texture	1" = 10'	Recovery	Descriptive Geology
light grey	f.g.			- limonite staining common on 0 - 10° fractures @ 197' & 206'
		200-210	95	- have 6" broken core @ 217' @ 209' have ¼" dark grey marl coated fracture @ 80°
"	"			- faint breccia controlled by styrolytic fractures @ 211-217'
		210-220	95	
"	"			200 - 240' have light grey f.g. lst.
		220-230	95	- occasional strong styrolytic fracture @ 80-90°
"	"			- again small styrolytic fracture are commonest feature; next is white veinlets @ 20°, 40°
		230-240	95	@ 230-240' veinlets @ 10-20° are commonly coated with limonite.
light grey	f.g.	240-250	95	- for 240 - 280' have similar light grey f.g. lst. with common styrolytic fractures but definite decrease in white veinlets.
"	"			
		250-260	95	
"	"			280 - 300' have light grey f.g. lst. with styrolytic fractures and white carbonate veinlets & rarer veins < ¼" @ 20° & 50°
		260-270	95	- limonite staining still noticable @ 284'
"	"			
		270-280	95	
light grey	f.g.	280-290	95	E of H @ 300'
"	"			
		290-300	95	

7314 9

Texada Island -45° @ 056° AZIMUTH

Color	Texture	Footage 1" = 10'	Recovery	Descriptive Geology
O.B.				
	Silt	0-10		O.B. reported to 27' although some intrusive rocks were cored up to 30'
	sand aggregates			- core loss @ 33-37', 30-100' have med. grey f.g. to dense 1st.
O.B.		10-20		- white carborate veins < ½" & veinlets @ 0-10° for 37-45'.
O.B.	volcanics & intrusives	20-30	60	- clasts of lighter grey 1st. < 1" x ½" outlined by small styrolytic fractures > 46', orientation is 80-90°
Med. grey	f.g. to dense			- @ 56.5' have similar occurence @ 80-90° plus styrolytic minor color contact @ 80°.
		30-40		For 47-48', 52-57', 63-65', 68-69', 80-82', 85-87', 88-93', 95.5'97', 99.5'100' have ¼" to ½" discs of 1st. @ 90° to length of core; breaks across core are generally conchoidal.
"	some breccia without matrix	40-50		
"	f.g. to dense with	50-60		- white veinlets for 55-65' @ 0-10°.
"	many ½" discs showing chonchoidal breaks	60-70		- some styrolytic fractures with marl @ ~45° @ 72'
med. grey				- styrolytic fractures common @ 0-20° 45° & 80-90°.
		70-80		- sample taken @ 88' (showing color contact) for etching.
"	f.g. to dense			
		80-90	90	
"	"			
		90-100	95	

Texada Island -45° @ 056° Azimuth

Color	Texture	Footage 1" = 10'	Recovery	Descriptive Geology
Med. grey	f.g. to dense	100-110	95	Med. grey f.g. to dense 1st. - again have discs @ 105-107' (minor) and 112-113', 114-115' - for 100-118' have increase in white veins (< ½") @ 0-20°
"	"			@ 118' to 119' have brecciated contact zone.
		120-120	95	119-127.5' have generally light green andesitic dyke showing V. strongly altered zones (gauge) but mainly strongly altered with minor carbonate veins & veinlets.
light green	f.g.			
orange	m.g.	120-130	95	Contact @ 127.5' is @ 70-90° with orange mg. (recrystallized) 1st. for 127.5 to 129'.
brown grey				- 129-130' have brown grey
med. grey				130-132' have med. grey 1st.
grey buff		130-140	85	@ 132' & 133' have color contacts (@ 80° for 132') so 132-139.5' is grey buff also 142-145' is grey buff.
med. grey				- f.g. dense orange grey seams 6" @ 155' @ 90° & 156' @ 10-20°
grey buff	f.g. to dense			- styrolytic fractures & white
med. grey		140-150	95	veinlets common for 127-180' @ 0-10°, 30-45 & 90°
				- 145-200' generally med. grey f.g. - dense 1st.
orange grey	"			- minor marl & color bands of
med. grey		150-160	95	< 1" noticable @ 172' @ 80-90° & also @ ~183' with marl contact between 2 shades of med. grey
"	"			- further color bands @ 184'-185' & 198'
		160-170	95	- some patches of f.g. - m.g. for 192-197'
"	"			- generally light grey 190-200' Several minor color contacts within @ 70-90°.
		170-180	95	
"	"			
		180-190		
light grey	patches of f.g.-m.g. in dense	190-200		

LOCATION: [illegible] HOLE NO: 73-M-9 DATE DRILLED: [illegible]

Texada Island -45° @ 056° Azimuth

Color	Texture	1" = 10'	Footage Recovery	Descriptive Geology
Med. grey	f.g. to dense		200-210	Med. grey f.g. dense 201-211' - 1-2' of broken core & mud seam @ 211'.
light grey	"		210-220	- light grey - 213-217' with transitional color contact 1-2" color bands evident @ 221'
med. grey	"		220-230	- white veins & seams common for 222-235' @ 30°, 80° 1' ground core @ 227' - light grey 234-238' with irregular clasts of slightly darker grey
light grey	"		230-240	238-300' generally light med. grey f.g. - dense 1st. - porous appearance of core 245-275' with either broken core or very vuggy core @ 241- 249'' 257-258', @ 265', 268-269', 271-275'.
light med. grey	f.g. to dense & occasionally Vuggy		240-250	- white carbonate assoc'd with increased porosity @ 0-10°, 30° esp. @ 270-275'
"	"		250-260	- styrolytic fractures common for 200-300' and are more intense for 280-300' with 80-90° very common (1 fracture per inch) and also assoc'd with clasts - esp. for 290 - 300'.
"	"		260-270	
"	"		270-280	
"	"		280-290	
"	f.g. to dense with breccia without matrix		290-300	E. of H. @ 300'

Texada Island, B.C. @-45° & 56° Azimuth

Color Texture 1" = 10' Recovery Footage Description Geol

O.B.				Core recovery beings @ 6' - med. grey f.g. to dense 1st. 6 - 16'
med. grey	f.g. to dense	1-10	90	- 16 - 24' have med.- light grey
				- some rounded faint clasts 1" @ variable orientation @ 17 - 20'
med. to light grey	"	10-20	90	- strong styrolytic fractures for same interval @ 80 - 90°
light grey	"			--other styrolytic fractures @ 60 - 90°
		20-30	90	
grey	"			- occasional white veinlets (1 per ft.) @ 0 - 20°
				24 - 41' mainly light grey
		30-40	95	
light grey med. grey	f.g. to dense			41 - 49' light grey - med. grey f.g. to dense
		40-50	95	
med. grey	"			49 - 58' have seams & veins of white carbonite @ 30° at 2" spacing; core is also broken for this interval.
		50-60	95	
"	"			- minor color variation contact @ 45.5' with styrolytic fracture @ 80 - 90°
		60-70	95	58 - 68' mainly med. grey f.g to dense 1st.
light grey	f.g. to dense			@ 65' have color variation contact @ 70 - 80°
		70-80	95	- large clasts (2") visible @ 68'
med. grey	f.g. to dense			75 - 90' some styrolytic fractures result in porous surface texture.
		80-90	95	
med. grey	"			68 - 84- mainly light grey f.g. to dense
		90-100	95	84 - 91.5' mainly med. grey f.g to dense also 91.5 to 120.5' - styrolytic minor color bands @ 96.5 @ 80-90°

@ -45° @ 056° Azimuth

Color	Texture	Footage 1" = 10'	Recovery	Descriptive Geology
light grey	f.g. to dense	100-110	95	- light grey f.g. to dense 1st. to 120.5' with white & limonite stained veinlets @ 20-40° & 0 - 10°
"	"			- a few ½" white carbonate veins @ 30° for 112 -118'
		110-120	95	- @ 121' have clastic banding over several inches @ 70-80°
med. grey	f.g. to dense	120-130	95	- 120.5 to 160' have mainly med. grey f.g. to dense 1st. - styrolytic fracture @ 126' @ 80 - 90° - clastic band @ 126.3' is 70-80° but clasts may vary in orientation. - veinlets & veins of white carbonate common (1 per 3") @ 0 - 30°
"	"	130-140	95	- after ½" vein of white carbonate @ 30° @ 154' have very few white veinlets or veins
"	"	140-150	95	160 - 174' have mainly light grey f.g. to dense 1st.
"	"	150-160	95	- styrolytic fractures @ 0 - 20°, 70° very common (1 per 2"), @ 170-173' are slightly suggestive of talc
light grey	f.g. to dense	160-170	95	174 - 203' have mainly med. grey f.g. to dense 1st. - white carbonate veinlets again common (1 per 4-6") @ 20 - 40°
				- far less styrolytic fractures
med. grey	f.g. to dense	170-180	95	- have 3' core loss @ 197 - 200' but presumably is 207-210'
"		180-190	95	
med. grey	"	190-200	90	

Footage -45° @ 056° Azimuth

Color Texture 1" = 10' Recovery	Footage		Descriptive Geology
med. grey possible skaarn f.g.	200-210	65	Med. grey f.g. to dense lst. up to 203' - for 200 - 203.5' have similar color but is possibly weak skaarn zone - 203.5 - 232' mainly green grey f.g. serpentinized dyke with minor f.g. pyrite
green grey f.g.	210-220	85	@ 216-218' have interval of med. grey f.g. to m.g. lst with carbonate veins
" f.g.	220-232	90	@ 20-30° every 1-2" - carbonate veins also in dyke @ 30° @ 229' - no apparent contacts; gauge @ 204 - 206'

E of H 232'

LOCATION: [illegible] HOLE NO: 74 A 5 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		overburden								
20										
	90		2.26	0.85	0.52	52.84	1.12	0.28	41.01	0.05 / 0.24
30		fine grain medium grey Lst								
	90	color banding at 29.5' (80° - light grey darker grey)	2.62	0.90	0.70	50.47	2.79	0.34	41.95	0.06 / 0.25
40										
	90	stylolitic fractures at 22'-38' (80°-90°) at 55' (70-90°)	0.08	0.16	0.18	54.16	1.17	0.11	43.83	0.03 / 0.03
50										
	90	vugy limonite stained at 60'-65'-94'-101'	0.17	0.27	0.20	54.24	1.16	0.13	43.76	0.03 / 0.06
60										
	85	stylolitic joint at 76'	0.00	0.10	0.15	53.54	1.91	0.07	44.02	0.03 / 0.02
70										
	90		0.00	0.12	0.17	54.21	1.10	0.08	43.89	0.03 / 0.03
80										
	90		0.45	0.34	0.28	53.39	1.46	0.16	43.53	0.03 / 0.09
90										
	85		0.00	0.12	0.22	51.79	3.49	0.07	44.19	0.04 / 0.03
100										

HOLE NO: 74 A 5 DATE DRILLED:

Footage	Color Texture	1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
50				0.00	0.09	0.21	52.00	3.20	0.08	44.13	0.03 / 0.02
40											
95			medium grey Lst with minor dark grey stylolitic fractures scarce white veinelets.	0.16	0.22	0.23	53.69	1.57	0.14	43.73	0.03 / 0.06
120											
90			vugy Texture at 125'-128' with limonite staining.	0.19	0.23	0.25	52.68	2.63	0.11	43.79	0.04 / 0.06
110											
85				0.06	0.15	0.20	52.76	2.56	0.06	43.74	0.03 / 0.04
140											
90				0.23	0.28	0.20	54.81	0.53	0.09	43.44	0.02 / 0.07
150											
85				0.16	0.24	0.23	53.72	1.54	0.10	43.72	0.03 / 0.06
160											
90				0.04	0.15	0.39	50.80	4.20	0.07	44.06	0.05 / 0.04
168											
10			dyke faulted area? at 45° grey green gouge	29.56	15.54	6.49	10.33	1.45	0.04	10.55	1.99 / 1.15
187											
10				53.72	17.34	7.86	6.57	1.06	0.02	6.73	2.34 / .26
197											

DRILLED: [illegible] HOLE NO: 74 B4 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
											0.03
60		60	light grey Lst, fine grain deeply fractured.	0.41	0.33	0.30	51.64	3.88	0.08	43.67	0.03
12											
											0.02
90		90		0.04	0.18	0.14	52.93	2.45	0.10	44.11	0.02
17			light to medium grey Lst								
											0.02
95		95	stylolitic joints at 15 & 22' (≈ 90°)	0.02	0.16	0.12	52.88	2.42	0.08	44.12	0.02
30											
											0.03
95		95	very light grey Lst	0.06	0.19	0.16	51.50	3.83	0.07	44.31	0.03
40											
											0.04
95		95	light to medium grey Lst	0.02	0.16	0.15	49.84	4.92	0.08	44.41	0.02
50											
											0.04
95		95	light grey with dark grey patches (⌀ 1")	0.12	0.26	0.16	51.94	2.63	0.12	44.02	0.04
60											
											0.04
95		95		0.00	0.14	0.14	49.85	5.36	0.07	44.50	0.01
70			light to medium grey Lst								
											0.05
90		90		0.00	0.14	0.14	48.51	6.82	0.07	44.69	0.01
80											
											0.05
90		90		0.06	0.18	0.18	49.00	5.37	0.10	44.61	0.02
87											
90											
			light grey to light buff Lst. some breccia and dark grey patches at 105-110'.								0.03
95		95		0.07	0.13	0.12	52.90	1.64	0.10	43.99	0.02
100											

LOCATION: [illegible] HOLE NO: 74 & 4 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
	Δ Δ	95		0.86	0.14	0.17	51.58	2.98	0.13	43.99	0.04 / 0.03
110											
		95		0.73	0.29	0.20	51.49	2.56	0.18	43.62	0.04 / 0.07
120											
		95	dark grey Lst with some white 1mm seams at 45°	0.83	0.32	0.30	46.09	7.57	0.22	44.22	0.07 / 0.09
130											
		90		0.69	0.26	0.26	49.51	4.52	0.18	43.91	0.05 / 0.07
140											
		95	– 143	1.60	0.60	0.41	48.55	4.62	0.22	43.16	0.06 / 0.16
150											
		95	light grey Lst. scarce white 1mm seams - some iron staining in irregular 1mm seams	0.51	0.32	0.24	53.06	1.02	0.10	43.58	0.03 / 0.07
160											
		95		0.34	0.24	0.21	52.92	1.66	0.12	43.78	0.03 / 0.06
170											
		95		0.22	0.14	0.16	53.85	1.40	0.12	43.89	0.03 / 0.03
180											
		95	– 182 dark grey Lst some iron staining	1.18	0.54	0.18	50.00	3.34	0.22	43.15	0.05 / 0.12
190											
		95		1.26	0.32	0.25	52.61	1.52	0.12	43.30	0.03 / 0.07
200			– 197 light to medium grey Lst. some white 1mm seams at 0° & 45°								

74 B 4

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
202										
			1.85	0.15	0.37	48.74	4.74	0.24	43.45	0.05 / 0.12
210		medium grey Lst								
		iron stainings in small seams	2.04	0.62	0.44	50.36	2.76	0.28	42.70	0.05 / 0.17
220		& joints (90°) at 205' & 207'								
			3.97	1.10	0.81	44.64	6.26	0.28	41.75	0.08 / 0.32
227		stained by iron oxyde								
231		altered iron stained dyke	25.48	9.37	4.63	29.91	1.19	0.10	25.72	0.27 / 2.61
237		red dyke with calcite seams (stylolitic joint at 90°)	40.44	4.57	8.05	12.05	2.18	0.02	15.76	0.10 / 3.60
242										
			1.35	0.65	0.38	53.04	0.64	0.12	43.01	0.03 / 0.18
250		light buff Lst with some light grey area								
			1.50	0.62	0.42	51.95	1.65	0.16	43.02	0.03 / 0.16
260										
262		light grey Lst	1.98	0.63	0.56	50.75	2.22	0.10	42.77	0.05 / 0.16
268										
270		light buff Lst								
275			2.20	0.94	0.74	50.16	2.44	0.12	42.56	0.05 / 0.18
280		light grey Lst	1.39	0.50	0.36	52.63	0.90	0.14	43.00	0.03 / 0.12
290			2.72	0.96	0.61	51.89	1.18	0.22	41.85	0.05 / 0.27
295		very light Lst with red seams (ss?)	26.94	9.40	7.76	27.06	1.45	0.03	25.64	0.11 / 0.65
297										
300			1.82	0.77	0.63	44.94	8.06	0.10	43.77	0.08 / 0.18

LOCATION: [illegible] HOLE NO: 74 B 4 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		95	light grey Lst	0.66	0.22	0.21	49.52	5.10	0.10	41.23	0.05
310			at 301 : stylolitic joint at 90° (change of color)								0.05
		95	light to medium grey	0.92	0.52	0.28	53.04	0.84	0.10	43.89	0.03
			some red veins (→ pseudo breccia)								0.06
320											
		95	buff Lst	2.25	1.68	1.51	40.79	9.01	0.12	42.05	0.10
			breccia at 323'								0.22
330			– 329								
		95		2.24	0.55	0.44	43.92	9.07	0.25	43.18	0.08
											0.02
340			light to medium grey								
		95	at 337' joint at 90°	0.81	0.18	0.16	53.90	0.72	0.10	43.77	0.02
			at 346' stylolitic joint at 90°								0.02
350											
		95	– 355	0.26	0.24	0.17	53.78	0.81	0.10	43.68	0.02
											0.05
360											
		95		0.26	0.33	0.24	52.81	2.32	0.12	43.82	0.03
											0.08
370			medium grey Lst								
		95		0.42	0.32	0.22	53.21	1.20	0.10	43.66	0.02
			white seams irregular in direction - some iron staining								0.08
380											
		95		0.62	0.40	0.28	53.26	0.92	0.10	43.50	0.02
											0.11
390											
		95		1.01	0.66	0.38	52.53	0.90	0.12	43.44	0.03
											0.18
401											

LOCATION: [illegible] HOLE NO: 74 B 6 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S'	Ig. Loss	Na_2O / K_2O
		overburden	/	/	/	/	/	/	/	/
17		–								
	90	fin grain, medium grey Lst	0.51	0.32	0.89	52.81	2.83	0.16	43.55	0.03 / 0.06
30										
	90	clastic texture at 36-40', 55'-57', 72.73'	0.81	0.35	0.28	51.47	3.41	0.14	43.66	0.04 / 0.08
40		some vuggy texture along fractures.								
	90		1.12	0.41	0.94	46.52	7.46	0.22	43.61	0.07 / 0.12
50										
	90	good bedding indication at 45' (85°).	0.78	0.33	0.41	52.07	2.87	0.18	43.28	0.04 / 0.08
60										
	90		1.01	0.46	0.41	52.06	2.74	0.20	43.24	0.04 / 0.12
70										
	90		0.76	0.38	0.24	54.03	1.13	0.14	43.85	0.03 / 0.09
80										
	90		0.53	0.28	0.23	53.68	1.40	0.16	43.48	0.03 / 0.07
90										
	90		0.35	0.21	0.25	53.38	1.89	0.11	43.76	0.03 / 0.05
100										

LOCATION: [illegible] > HOLE NO: 74 B 6 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
	90	light grey Lst	0.61	0.89	0.24	53.77	1.87	0.15	43.45	0.02 / 0.07
-107										
110										
	90		1.33	0.42	0.23	51.04	3.86	0.24	43.07	0.05 / 0.12
120										
	90	medium grey Lst with darker grey minor fractures	1.20	0.22	0.28	52.77	1.38	0.21	42.86	0.03 / 0.07
130										
	90		1.65	0.53	0.74	49.07	4.71	0.31	42.70	0.06 / 0.15
140										
	90		1.75	0.58	0.58	51.11	2.89	0.32	42.45	0.05 / 0.17
150										
	70		3.93	0.98	1.55	43.28	7.59	0.53	40.96	0.10 / 0.30
-157										
160		minor intercepts of grey brown skarn.								
	80		5.97	1.75	2.87	34.53	15.67	0.28	40.81	0.12 / 0.58
167		- [contact at 80-90°]								
	50	orange brown brecciated dyke	18.15	5.79	3.12	38.95	1.24	0.13	31.65	0.18 / 1.86
177										
	70	177'-200': some 20% Lst in the dyke.	19.94	6.12	4.10	24.93	14.09	1.02	31.02	0.41 / 1.73
200										

LOCATION: Mount Isay HOLE NO: 7A-88 DATE DRILLED:

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Loss	Na_2O / K_2O
			overburden								
	23										
		95		2.16	0.54	0.36	51.66	2.03	0.10	42.05	0.04 / 0.10
	30		very fine grain Lst, medium grey.								
		85	very scarce 1mm white seams.	0.94	0.33	0.27	52.59	2.14	0.12	43.39	0.04 / 0.09
	40										
		80		0.72	0.87	0.23	52.75	2.12	0.13	43.6	0.04 / 0.07
	47										
	50										
		95		0.47	0.16	0.21	52.81	2.84	0.11	43.83	0.04 / 0.04
	60		light to medium grey Lst.								
		95	breccia aspect	1.13	0.42	0.30	52.46	2.11	0.23	43.06	0.04 / 0.12
	70										
		95		0.48	0.21	0.24	52.74	2.23	0.14	43.61	0.03 / 0.05
	80										
		95		0.56	0.23	0.23	51.55	3.30	0.13	43.80	0.04 / 0.06
	90										
		95	light grey Lst.	0.42	0.18	0.33	48.58	6.49	0.11	44.30	0.06 / 0.05
	100										

LOCATION: [illegible] HOLE NO: 74 B 8 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Fe
110		90		0.62	0.86	0.36	50.56	4.30	0.15	43.73	0.05 0.07
120		95	light to medium grey Lst. some white 1mm seams at 0° or 45°. irregular black joints	1.30	0.47	0.40	50.69	3.52	0.25	43.05	0.05 0.14
130		95		0.72	0.33	0.23	54.00	0.96	0.15	43.22	0.03 0.09
140		95	-139	0.29	0.23	0.20	53.55	1.50	0.15	43.43	0.03 0.06
150		95		0.89	0.15	0.22	52.66	2.47	0.12	43.72	0.03 0.04
160		95	dark grey to grey Lst. some black irregular joints.	0.45	0.23	0.23	53.27	1.73	0.12	43.64	0.03 0.05
170		90		0.69	0.30	0.31	51.71	2.88	0.17	43.60	0.04 0.06
180		95		0.43	0.23	0.22	53.77	1.07	0.15	43.50	0.03 0.05
190		90	182' 6" grey greenish, very smooth material (= very altered dyke?)	2.79	0.98	0.95	48.60	3.91	0.50	41.41	0.07 0.21
200		90		1.90	0.59	0.47	52.15	1.81	0.27	42.46	0.04 0.17

74. B 10 DATE DRILLED:

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
			overburden								
	36										
	40	95	compact, very brittle, light grey Lst.	1.42	0.62	0.39	51.86	1.60	0.22	42.89	0.03 / 0.15
	45	90	at 45': some small cavities with iron staining.	0.82	0.42	0.37	51.01	3.85	0.12	43.61	0.04 / 0.06
	47		very light grey Lst								
	50										
	60	95		0.52	0.32	0.28	53.89	1.12	0.16	43.54	0.03 / 0.04
	70	95	light to medium grey Lst with white (mm) seams at 0°, 45° & 90°	2.72	1.00	0.58	48.55	3.69	0.18	41.82	0.06 / 0.21
	80	95		1.67	0.50	0.40	51.85	2.36	0.22	42.79	0.04 / 0.12
	90	85		1.09	0.50	0.36	52.21	1.68	0.26	42.93	0.03 / 0.12
	97	95	buff yellow Lst with v. small cavities	2.50	1.30	0.90	47.12	4.80	0.16	41.65	0.0 / 0.3
	100										

74 B 10 DATE DRILLED:

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	L.O.I.	Na_2O / K_2O
			– 100'5"								
		90		0.18	0.17	0.28	44.37	9.62	0.50	43.96	0.09 / 0.04
	110										
		95	light to medium grey Lst	0.12	0.18	0.12	52.96	1.08	0.38	43.13	0.03 / 0.04
	120		scarce white seams.								
		95		0.96	0.49	0.36	43.62	9.44	0.59	43.74	0.09 / 0.11
	130		stylolitic joints (80°-90°) at 125' & 140'								
		95		1.62	0.72	0.42	45.41	7.16	0.46	43.10	0.08 / 0.17
	140										
		95	– 155	0.08	0.16	0.16	52.64	1.86	0.33	43.49	0.03 / 0.03
	150										
		95		0.19	0.18	0.16	53.56	1.02	0.22	43.62	0.02 / 0.03
	160										
		95	medium grey Lst	0.19	0.22	0.14	52.72	0.96	0.48	43.77	0.03 / 0.04
	170										
		95		0.37	0.28	0.18	52.93	1.58	0.23	43.59	0.03 / 0.06
	180										
		95		0.34	0.26	0.18	53.26	1.01	0.28	43.44	0.03 / 0.05
	190										
		95		1.80	0.52	0.27	52.20	0.90	0.26	42.35	0.03 / 0.12
	200										

LOCATION: [illegible] HOLE NO: 74 B 10 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
			- 45°								
90				1.68	0.66	0.32	51.67	0.95	0.42	42.21	0.04 / 0.16
210			(pseudo breccia at 210' & 219')								
95				1.37	0.26	0.33	50.30	1.92	0.60	42.03	0.04 / 0.13
220			-219								
95				0.22	0.13	0.16	52.08	1.32	0.30	43.68	0.03 / 0.04
230											
95				0.92	0.35	0.26	50.92	2.36	0.42	42.95	0.04 / 0.11
240											
95			light to medium grey Lst	1.82	0.62	0.52	48.40	9.16	0.10	43.48	0.08 / 0.19
250											
95			(some pseudo breccia at 238' & 260')	0.38	0.12	0.16	52.46	2.22	0.16	43.77	0.03 / 0.04
260											
95				0.67	0.30	0.22	52.30	2.12	0.21	43.58	0.03 / 0.08
270											
95				0.21	0.15	0.12	53.09	1.75	0.16	43.80	0.03 / 0.05
280											
95				0.52	0.28	0.17	52.75	1.92	0.20	43.52	0.03 / 0.08
290											
95				0.02	0.10	0.10	53.62	1.60	0.11	43.96	0.02 / 0.02
300											

HOLE NO: 74-B 10 DATE DRILLED:

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		95	stylolitic joint (≈ 90°) at 308'	0.06	0.16	0.10	54.86	0.84	0.10	43.82	0.02 / 0.02
310											
		95	deeply fractured from 310' to 320'	0.36	0.22	0.17	54.06	0.82	0.12	43.65	0.02 / 0.05
320											
		95		0.10	0.14	0.10	53.99	1.09	0.10	44.00	0.02 / 0.03
330											
		95	deeply fractured from 332' to 335'	0.04	0.19	0.10	54.45	0.82	0.08	43.95	0.01 / 0.02
340			very porous from 335' to 340'								
		95		0.54	0.32	0.85	52.96	1.76	0.23	43.49	0.03 / 0.08
350											
		95		2.86	1.46	0.68	50.10	1.60	0.60	41.08	0.05 / 0.34
360											
		95	medium to light grey Lst,	0.08	0.18	0.12	53.70	1.50	0.11	43.96	0.02 / 0.03
370											
		95	with white seams in all directions	0.10	0.18	0.14	53.32	1.82	0.12	44.02	0.02 / 0.03
380											
		95	medium to light grey Lst.	0.22	0.24	0.18	51.92	2.98	0.16	44.00	0.03 / 0.05
390											
		95		0.18	0.20	0.14	52.88	1.84	0.13	43.96	0.02 / 0.04
402											

LOCATION: [illegible] HOLE NO: 74 B 12 DATE DRILLED: [illegible]

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
			overburden	/	/	/	/	/	/	/	/
	36		–								
		95		0.05	0.14	0.18	54.80	1.16	0.09	43.79	0.03 / 0.04
	40		light to medium grey Lst								
		75		0.19	0.24	0.22	54.95	0.50	0.08	43.54	0.02 / 0.06
			n. white patches & 1mm seams in any directions								
	50										
		95		0.25	0.26	0.26	54.98	0.43	0.09	43.50	0.03 / 0.07
			very deeply fractured from 56' to 60'								
	60										
		95	–65	0.94	0.58	0.35	54.10	0.59	0.20	43.86	0.03 / 0.16
	70		medium grey Lst								
		95	scarce white seams	0.87	0.52	0.35	53.68	0.68	0.19	43.88	0.03 / 0.13
	80		–								
		95		0.02	0.08	0.36	49.95	4.75	0.15	44.17	0.05 / 0.04
	90		light to medium grey Lst								
		95	some white 1mm seams at 45°	0.19	0.12	0.21	54.17	1.01	0.12	43.62	0.03 / 0.05
	100										

Fo-P-333-a

LOCATION: Mount Ray HOLE NO: 74 & 12 DATE DRILLED: [illegible]

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	$\frac{Na_2O}{K_2O}$
		95		2.46	0.82	0.73	49.08	3.78	0.89	42.01	0.07 / 0.25
	110		–								
		95		0.40	0.19	0.59	49.76	5.06	0.10	44.67	0.05 / 0.06
	120										
		95	medium grey Lst	0.15	0.17	0.25	53.93	1.55	0.09	43.87	0.03 / 0.04
	130										
		95		0.12	0.17	0.22	54.21	1.32	0.11	43.82	0.03 / 0.04
	140										
		95		0.37	0.28	0.24	53.88	1.66	0.15	43.67	0.03 / 0.08
	150										
		95	– 157	0.01	0.14	0.17	54.18	1.43	0.10	43.89	0.03 / 0.03
	160										
		95	light to medium grey Lst	0.00	0.08	0.15	54.99	0.76	0.08	43.75	0.02 / 0.02
	170										
		90	very scarce white 1mm seams	0.07	0.16	0.18	54.92	0.79	0.09	43.76	0.02 / 0.04
	180		vugy texture from 157' to 167'								
		95		0.00	0.10	0.18	54.14	1.65	0.07	43.68	0.02 / 0.02
	190		deeply fractured at 193' & 199'								
		80		0.00	0.10	0.13	54.82	0.90	0.08	43.55	0.02 / 0.02
	200										

HOLE NO. 74 C 3 DATE DRILLED:

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
			overburden								
	75										
		90		0.20	0.14	0.36	46.33	7.72	0.08	44.98	0.06 / 0.03
	80										
		80	light to medium grey, fine grain Lst.	0.31	0.18	0.26	48.49	5.75	0.10	44.51	0.06 / 0.05
	90		some white 1mm seams (0° & 45°)								
		80	deeply fractured at 88'	0.07	0.18	0.33	44.84	10.08	0.06	45.24	0.08 / 0.03
			some breccia at 75' & 98'								
	100										

74 C 3

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		95		0.40	0.21	0.89	48.10	6.12	0.09	44.61	0.06 / 0.05
	110										
		90		0.80	0.18	0.88	47.82	6.76	0.09	44.77	0.06 / 0.05
	120										
		80		0.14	0.16	0.48	41.57	12.82	0.11	45.69	0.09 / 0.04
	128										

74 C 5

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
			overburden	"	"	"	"	"	"	"	"
	23										
		90		0.16	0.53	0.19	52.94	1.48	0.10	43.57	0.03 / 0.05
	30		medium grey Lst								
		95		0.19	0.40	0.14	53.72	1.04	0.18	43.52	0.02 / 0.04
	40		breccia from 40' to 43'								
		95		0.01	0.25	0.16	49.55	4.87	0.08	44.43	0.05 / 0.02
	50										
		95		0.06	0.30	0.18	53.81	1.56	0.09	43.75	0.03 / 0.03
	60		medium to light grey Lst								
		95		0.08	0.32	0.18	53.72	1.52	0.10	43.82	0.02 / 0.03
	70		70' to 72': w. white 1mm seams at 40°								
		95		0.10	0.39	0.14	53.66	1.24	0.10	43.74	0.08 / 0.04
	80										
		95	- 85	0.08	0.30	0.16	52.08	2.76	0.11	44.14	0.03 / 0.03
	90		light grey Lst								
		95		0.05	0.29	0.14	52.14	2.90	0.10	44.15	0.03 / 0.02
	100										

LOCATION: [illegible] HOLE NO: 74 C 5 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
	95		0.13	0.35	0.18	51.74	3.08	0.14	44.16	0.03 / 0.03
110										
	95	light to medium grey Lst	0.45	0.30	0.18	53.22	1.58	0.10	43.75	0.02 / 0.06
120		white veinelets (80°) from 105' to 110'								
	95		0.30	0.22	0.14	53.14	1.96	0.10	43.88	0.02 / 0.02
130										
	95		0.12	0.16	0.14	52.34	2.78	0.10	44.18	0.03 / 0.03
140										
	95		0.45	0.24	0.17	53.46	1.70	0.14	43.69	0.02 / 0.05
150										
	95	light to medium grey Lst with black irregular thin seams	0.10	0.26	0.18	53.59	1.66	0.16	43.62	0.02 / 0.04
160										
	95		0.27	0.22	0.16	52.99	2.24	0.12	43.89	0.03 / 0.03
170		light grey Lst with black								
	95	irregular seams	0.42	0.30	0.15	53.15	1.94	0.12	43.71	0.03 / 0.04
180										
	95		0.16	0.16	0.12	53.92	1.53	0.10	43.87	0.02 / 0.02
190										
		-191								
	95	medium grey Lst thick black seams at 193' white calcite at 200' (breccia)	0.66	0.48	0.21	52.61	2.12	0.18	43.43	0.03 / 0.11
201										

HOLE NO. 74 C 7 DATE DRILLED:

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
			overburden	"	"	"	"	"	"	"	"
	22		–								
light buff, fine grain Lst with some grey patches	30	70	– 31	1.36	0.84	0.78	51.77	1.51	0.10	42.34	0.03 / 0.14
	40	90		1.16	0.84	0.48	52.41	0.94	0.18	42.87	0.03 / 0.20
light to medium grey Lst some white 1mm seams at 45°	50	90		1.64	0.76	0.46	51.48	1.61	0.38	42.35	0.04 / 0.19
some calcite patches at 53' & 64'	60	95		1.72	1.22	1.16	36.37	13.98	1.08	42.34	0.15 / 0.28
		95		0.12	0.18	0.47	45.69	8.68	0.80	44.90	0.06 / 0.04
light grey green dyke with dark grey 1mm seams at 45° some pyrite	71.5 78	80	–	32.16	12.78	10.84	14.34	3.30	2.02	21.46	0.55 / 1.84
light grey Lst	90	90		0.60	0.60	0.31	52.90	1.14	0.14	43.32	0.03 / 0.11
scarce white 1mm seams breccia ted area at 97'	100	95		0.96	0.74	0.80	39.73	18.69	0.68	43.76	0.12 / 0.16

Fo-P-333-a

LOCATION: [illegible] HOLE NO: 7A C7 DATE DRILLED: [illegible]

Footage Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
80		0.18	0.80	0.81	52.10	2.64	0.14	44.01	0.04 / 0.04
110	–								
95	medium grey, deeply fractured Lst	0.17	0.16	0.14	53.90	0.79	0.10	43.79	0.02 / 0.04
120 – 117									
80	medium grey Lst	0.31	0.25	0.18	52.67	1.82	0.13	43.75	0.03 / 0.06
130									
95		0.86	0.58	0.36	49.81	3.82	0.19	43.52	0.05 / 0.17
140 – 137									
95		0.48	0.38	0.24	52.64	1.36	0.16	43.50	0.03 / 0.10
150									
80	medium grey Lst with more white 1mm seams at 0° & 45°.	0.83	0.66	0.30	52.50	0.86	0.22	42.90	0.03 / 0.19
160									
80		0.78	0.60	0.37	52.54	0.94	0.26	42.96	0.03 / 0.16
170									
90		1.32	1.14	0.52	49.06	2.70	0.32	42.22	0.05 / 0.81
180									
95	breccia from 185' to 193'	0.51	0.26	0.28	49.12	3.36	0.34	43.19	0.06 / 0.12
190									
95		0.15	0.14	0.25	52.17	2.60	0.12	44.13	0.03 / 0.03
205 – 197	fractured area								

HOLE NO: 74 C 9 DATE DRILLED:

Color Texture 1" = 10'	Footage Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
	5		2.81	0.89	0.58	52.58	1.38	0.17	48.10	0.04 / 0.23
	10	light to medium grey Lst with								
	80	irregular white 1mm seams and	0.47	0.32	0.28	54.89	1.17	0.14	43.56	0.03 / 0.08
	80	some area with recristallisation.								
	90		1.63	1.06	0.65	50.70	3.11	0.43	48.12	0.05 / 0.28
	30									
	95	-33 light grey greenish Lst	0.71	0.48	0.35	53.91	1.59	0.28	43.09	0.03 / 0.12
	40	-								
	90	light to medium grey Lst.	0.75	0.54	0.39	52.95	1.87	0.28	43.13	0.03 / 0.13
	50									
	95	very irregular, with dark patches and n. white seams (20° to 45°)	0.87	0.62	0.46	53.03	2.00	0.23	43.13	0.04 / 0.15
	60									
	80	-63 grey and rusty Lst with	2.10	1.36	1.06	48.35	7.60	0.49	41.67	0.10 / 0.34
	70	traces of dissolution.								
	60	-78	1.22	0.87	1.06	38.05	13.96	0.32	44.17	0.12 / 0.24
	80									
	80	light greenish grey Lst	0.30	0.20	0.46	46.41	8.10	0.17	44.65	0.07 / 0.11
	90	n. white seams in every directions.								
	95		0.00	0.12	0.16	53.95	1.67	0.11	43.87	0.02 / 0.03
	100									

LOCATION: Z HOLE NO: 74 C 9 DATE DRILLED:

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		95		0.63	0.49	0.88	53.80	1.56	0.17	43.47	0.03 / 0.13
110			–								
		95		0.36	0.82	1.94	56.85	16.34	0.31	44.60	0.12 / 0.11
120											
		95	lighter greenish grey Lst	1.87	0.65	0.89	45.35	7.47	0.37	44.73	0.08 / 0.24
130											
		95	some 3 mm seams & 8cm patches of carbonate	0.62	0.36	0.88	45.21	8.81	0.31	43.54	0.08 / 0.17
140											
		95		0.04	0.18	0.86	53.63	2.08	0.12	43.95	0.03 / 0.04
150											
		95		0.00	0.12	0.19	53.57	1.33	0.18	43.76	0.03 / 0.04
160											
		90		0.10	0.20	0.18	53.69	0.99	0.27	43.55	0.03 / 0.05
170											
		85		0.22	0.88	0.18	54.58	0.62	0.17	43.50	0.02 / 0.07
180			– 179								
		95	greenish grey Lst	0.24	0.26	0.25	52.74	2.39	0.16	43.82	0.04 / 0.08
190											
		95	some black, irregular, 1mm to 1cm seams.	0.33	0.30	0.22	54.19	1.13	0.14	43.55	0.03 / 0.08
202											

LOCATION: [illegible] HOLE NO: 74 C 11 DATE DRILLED: [illegible] SHEET NO. 2 OF 3

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	K_2O	Na_2O
			overburden	/	/	/	/	/	/	/	/
	18										
		75	light to medium grey, dense to fine grain Lst	0.85	0.85	0.17	55.17	0.43	0.08	43.42	0.02 / 0.06
	25										
		80	light grey Lst	0.14	0.17	0.17	55.58	0.34	0.08	43.33	0.02 / 0.05
	32										
	34		light to medium grey Lst								
		95		0.00	0.11	0.18	54.53	1.23	0.07	44.15	0.02 / 0.03
	40										
		95	light grey Lst	0.00	0.09	0.18	55.48	0.45	0.07	43.63	0.01 / 0.03
			some white 1mm seams at 45°								
	50										
		95		0.10	0.14	0.14	55.51	0.32	0.07	44.80	0.02 / 0.04
	57										
	60										
		95	medium grey Lst	0.62	0.21	0.20	54.48	0.88	0.09	43.64	0.02 / 0.06
			65' to 75' : some white seams at 45°								
	70										
		95		0.22	0.16	0.16	54.91	0.63	0.08	43.52	0.02 / 0.04
	80		light grey Lst								
		95		0.00	0.12	0.14	54.00	1.49	0.09	43.65	0.03 / 0.03
	90										
		95	light to medium grey Lst	0.13	0.17	0.19	54.79	0.96	0.09	43.78	0.02 / 0.05
	100										

74 C 11

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		95		0.13	0.19	0.17	54.65	0.99	0.08	43.85	0.03 / 0.04
110											
		95		0.13	0.18	0.15	55.23	0.80	0.07	43.81	0.02 / 0.05
120			Light grey Lst								
		95		0.13	0.19	0.14	55.27	0.87	0.08	43.82	0.02 / 0.05
130			117' to 135' : stylolitic Fractures in any directions.								
		90		0.01	0.14	0.13	54.97	1.12	0.08	43.87	0.02 / 0.04
140											
		85		0.07	0.16	0.15	54.47	1.53	0.07	43.86	0.02 / 0.04
150											
		95		0.06	0.10	0.16	55.02	0.79	0.08	43.44	0.02 / 0.02
160											
		50	void : open fracture ? – 165	0.00	0.13	0.12	54.74	1.19	0.07	43.52	0.02 / 0.03
170											
		85	light grey Lst	0.04	0.12	0.15	54.83	1.60	0.08	43.47	0.02 / 0.02
180			165' to 175' : white 1mm seams at 45° & 90° and white irregular patches								
		90		0.16	0.09	0.14	54.81	1.86	0.08	43.43	0.02 / 0.01
190											
		95		0.11	0.17	0.13	54.52	0.85	0.08	43.11	0.02 / 0.03
201											

LOCATION: [illegible] HOLE NO. 74 C 13 DATE DRILLED: [illegible]

Footage Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		overburden	-	-	-	-	-	-	-	-
11										
	85		1.62	0.74	0.59	50.25	3.85	0.18	42.81	0.05 / 0.15
20										
	95	light to medium grey Lst	0.98	0.65	0.34	54.47	0.74	0.16	42.95	0.03 / 0.16
30										
	95	n. white 1mm seams at 45° & white (Ø 1 to 2 mm) patches	0.90	0.62	0.36	53.77	0.64	0.05	43.06	0.01 / 0.13
40										
	95		1.05	0.63	0.35	54.87	0.74	0.12	42.99	0.03 / 0.16
50										
	95		0.84	0.59	0.41	53.85	1.32	0.19	43.13	0.03 / 0.15
60		light grey Lst								
	95	less white seams and patches	0.00	0.16	0.31	49.63	4.90	0.12	44.38	0.05 / 0.21
70		70' to 80': rugy texture								
	95		0.00	0.15	0.23	52.87	2.74	0.10	44.05	0.03 / 0.03
80										
	95 — 85		1.09	0.85	0.62	50.40	3.90	0.30	42.69	0.06 / 0.24
90		medium grey Lst n. white seams at 45°								
	95 — 95		0.14	0.87	0.88	42.25	11.47	0.15	44.54	0.02 / 0.06
100		light to medium grey Lst n. white seams at 45°								

Fo-P-333-a

LOCATION: [illegible] HOLE NO: 74 C 13 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. loss	Na_2O / K_2O
	95	stylolitic joint at 105' (90°) 107' to 110': v. seams in any directions vuggy texture	0.02	0.16	0.31	51.84	4.13	0.10	44.14	0.04 / 0.02
110										
	95		0.00	0.11	0.18	53.58	1.82	0.08	44.01	0.03 / 0.03
120										
	95		0.08	0.15	0.20	53.88	1.41	0.11	43.83	0.03 / 0.05
130										
	90	light grey Lst	0.00	0.10	0.17	54.08	1.40	0.08	43.57	0.03 / 0.03
140										
	95		0.00	0.11	0.20	53.60	2.32	0.08	43.93	0.03 / 0.03
150		some scarce white seams at 45° from 150' to 190'								
	95		0.00	0.07	0.16	53.64	2.04	0.08	43.71	0.03 / 0.02
165										
	90		0.00	0.13	0.17	53.71	1.79	0.08	43.76	0.03 / 0.03
180										
	90		0.00	0.10	0.14	54.11	1.60	0.08	43.34	0.03 / 0.03
190										
	95	medium grey Lst	0.05	0.14	0.22	52.16	3.06	0.09	43.94	0.04 / 0.05
200										

LOCATION: [illegible] HOLE NO: 74 C 13 DATE DRILLED: [illegible]

Color Texture 1"	Footage = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
	90		0.15	0.31	0.24	53.82	1.23	0.14	43.57	0.03 / 0.09
	210									
	95	-218								
		light grey Lst	0.00	0.11	0.19	58.67	2.61	0.09	44.07	0.03 / 0.04
	220	some scarce white seams at 45° & 60°								
	95	-225	0.00	0.07	0.20	58.89	2.51	0.09	44.11	0.04 / 0.03
	230	light grey Lst								
	90	n. white seams at 45° to 60°	0.07	0.18	0.23	52.90	2.51	0.11	43.54	0.03 / 0.06
	240	-240								
	90	light grey Lst	1.90	1.70	0.91	50.99	2.78	0.16	41.82	0.06 / 0.32
	250	scarce white seams								
	95		0.14	0.22	0.20	53.18	1.72	0.10	43.77	0.03 / 0.06
	260									
	95	-265	0.10	0.20	0.26	58.49	2.72	0.12	43.89	0.03 / 0.05
	270	light grey Lst								
	95	n. white seams at 45°	0.00	0.11	0.19	58.78	2.57	0.09	43.93	0.03 / 0.03
	280									
	95	-287 light grey with green patches dyke -288	0.09	0.22	0.19	58.99	2.23	0.10	43.84	0.03 / 0.06
	290									
	95	light to medium grey Lst	0.05	0.18	0.19	53.05	2.42	0.10	44.02	0.03 / 0.04
	300									

LOCATION: [illegible] HOLE NO: 74 C 13 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Loss	Na_2 / K_2O
310	95	-	0.00	0.10	0.47	46.92	8.07	0.08	44.75	0.06 / 0.03
330	95	light to medium grey Lst w. white 2 to 5 mm seams at 45° & white (ø 2 to 3 mm) patches	0.03	0.13	0.74	45.89	9.26	0.10	44.79	0.07 / 0.04
350	95	- 337 breccia with white greenish matrix - 345	0.00	0.03	1.37	34.36	19.50	0.07	46.36	0.15 / 0.08
360	95	medium grey Lst	0.00	0.03	1.25	33.85	19.94	0.08	46.36	0.14 / 0.08
370	95		0.00	0.00	1.78	33.38	20.12	0.14	46.02	0.12 / 0.02
	95	- [contact at 45°]	3.80	2.19	2.75	30.15	19.26	0.29	40.44	0.16 / 0.35
380	90	grey with small green patches dyke. thin pyrite beds (2mm) at 376'	17.55	7.27	5.89	21.69	13.51	0.28	30.60	0.22 / 0.24
387	95	(scattered crystals in all the dyke irregular veins & patches of carbonate -	29.22	13.68	8.74	14.10	7.38	2.06	20.55	0.26 / 1.59
406	95	light grey Lst w. seams & patches - pseudo breccia light grey without seams Lst	13.0	0.63	0.94	45.59	8.11	0.29	40.81	0.03 / 0.12

LOCATION: Mount Hay HOLE NO: 74 D 8 DATE DRILLED: March 1974 1 OF 3

Footage Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O K20
	overburden	/	/	/	/	/	/	/	/
73									
90	light grey Lst deeply fractured	1.24	0.90	0.81	53.09	0.66	0.13	41.96	0.03
— 78									0.14
80									
75	very light grey Lst very few white lmm seams. deeply fractured	2.92	1.66	1.01	42.45	9.42	0.20	41.99	0.09
— 87									0.22
90									
90	light to medium grey Lst -d°-	1.41	1.06	0.45	46.04	6.76	0.18	43.78	0.08
100									0.17

LOCATION: [illegible] HOLE NO: 74 D 2 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
	95		0.46	0.56	0.32	51.98	2.85	0.18	43.77	0.03 / 0.08
110		light grey Lst								
	95		0.22	0.26	0.29	51.22	3.98	0.10	44.31	0.03 / 0.03
180										
	95	medium grey Lst	1.06	0.60	0.68	48.62	5.34	0.26	43.62	0.05 / 0.06
127										
130		grey greenish dyke.	33.64	17.50	11.71	6.90	7.71	2.40	15.17	0.34 / 0.80
		some green patches (ø 2mm	36.06	17.43	10.97	5.60	9.02	2.40	14.99	0.28 / 0.51
	95	u. pyrite								
140										
148		more grey, smooth, altered	35.13	18.61	10.66	6.49	7.78	2.46	15.80	0.34 / 0.63
147		contact at 10°. pyrite								
	95	pyrite in Lst on 3"	1.64	0.72	0.83	50.87	1.88	0.52	41.81	0.04 / 0.09
160										
	90	medium to light grey Lst	1.18	0.60	0.31	52.76	0.90	0.22	42.63	0.03 / 0.13
170										
	90	deeply fractured from 183' to 187'	1.32	0.60	0.32	52.23	1.14	0.30	42.43	0.03 / 0.14
180										
	80		0.96	0.42	0.32	52.76	1.14	0.17	43.28	0.03 / 0.11
188										
190		light grey to buff Lst								
	90		0.38	0.18	0.24	50.08	4.86	0.14	44.31	0.04 / 0.05
200										

LOCATION: [illegible] HOLE NO: 74 D 6 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
50			0.36	0.18	0.19	53.85	1.88	0.08	42.47	0.03 / 0.03
13										
85			0.36	0.19	0.15	54.60	1.86	0.07	42.47	0.02 / 0.04
20										
95			0.24	0.17	0.17	54.59	0.98	0.09	42.40	0.02 / 0.04
30		very fine grain, light to medium grey Lst								
95			0.27	0.18	0.20	53.79	1.74	0.10	42.41	0.03 / 0.04
40		deeply fractured from 13' to 20'								
95			0.24	0.20	0.18	54.57	0.98	0.11	43.57	0.02 / 0.05
50		very scarce white 1mm seams at 45° and white 1cm patches								
95			0.18	0.23	0.22	53.71	1.80	0.08	43.62	0.03 / 0.05
60										
95		same lighter Lst	0.08	0.16	0.19	53.92	1.56	0.09	43.68	0.02 / 0.03
70										
95			0.01	0.14	0.16	54.14	1.28	0.08	44.03	0.02 / 0.03
80										
95		light to medium grey Lst	0.21	0.22	0.12	55.17	0.41	0.07	43.50	0.02 / 0.04
90										
85		very scarce white 1mm seams.	0.21	0.23	0.15	54.80	0.71	0.10	43.53	0.02 / 0.05
100										

LOCATION: [illegible] HOLE NO: 74 D 6 DATE DRILLED: [illegible] OF

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		95		0.17	0.16	0.16	53.96	1.71	0.08	43.64	0.03 / 0.04
	110										
		95		0.30	0.23	0.18	54.03	1.49	0.09	43.38	0.03 / 0.06
	120										
		95		0.17	0.18	0.18	53.99	1.61	0.09	43.60	0.03 / 0.05
	130										
		95		0.09	0.18	0.19	54.42	1.19	0.09	43.55	0.02 / 0.04
	140										
		95		0.00	0.10	0.20	54.06	1.53	0.10	43.80	0.03 / 0.03
	150										
		95		0.04	0.15	0.18	54.28	1.22	0.11	43.45	0.02 / 0.04
	160										
		95		0.64	0.50	0.47	51.61	3.19	0.12	43.74	0.04 / 0.05
	170										
		95	medium grey Lst	0.18	0.20	0.32	53.63	1.66	0.10	43.97	0.03 / 0.03
	180										
		95	pseudo breccia - w. white patches and seams at 45° & 0°. v. vugy texture	1.43	0.79	0.53	52.18	1.76	0.22	42.71	0.04 / 0.05
	190										
		95		0.85	0.51	0.24	52.69	1.99	0.19	43.24	0.03 / 0.04
	193										
		95	grey to brown dyke mixed with some Lst - ≤ pyrite	22.06	15.47	3.86	22.50	7.19	1.45	25.94	0.32 / 0.67
	196										
		95	medium grey Lst	2.77	1.33	1.25	45.16	6.80	0.26	42.37	0.08 / 0.07
	200										

LOCATION: [illegible] HOLE NO: [illegible] DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
45			< 0.0	0.07	1.65	34.68	18.86	0.06	46.56	0.13 / 0.03
10		light grey Lst very fine grain, like a marble. v. white 1mm seams in all directions								
95			0.00	0.00	2.12	34.11	19.57	0.11	46.45	0.14 / 0.01
20		–								
85			2.07	0.91	1.04	29.34	3.66	0.36	41.97	0.05 / 0.16
30		light to medium grey Lst								
95		v. white 1mm seams in all directions	0.02	0.18	0.31	52.55	3.01	0.12	44.09	0.03 / 0.03
40										
95		– 45	0.00	0.17	0.17	54.23	0.93	0.09	43.90	0.02 / 0.03
50										
95		compact to very fine grain,	0.03	0.15	0.17	53.36	1.35	0.22	43.56	0.02 / 0.03
60										
90		medium grey Lst	0.18	0.22	0.16	54.84	0.66	0.09	43.69	0.01 / 0.01
70		scarce white 1mm seams								
95			0.50	0.22	0.17	53.88	1.27	0.12	43.60	0.02 / 0.01
80										
90			1.09	0.26	0.18	53.54	1.11	0.20	43.07	0.03 / 0.05
90										
90			0.23	0.22	0.31	49.81	5.78	0.12	44.26	0.05 / 0.06
100										

74 D 8

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	K_2O
		95		0.18	0.21	0.21	51.44	3.52	0.15	43.96	0.04 0.04
	110										
		95		0.00	0.15	0.13	53.68	1.11	0.22	43.48	0.02 0.03
	120										
			– 122								
		95		0.72	0.63	0.17	53.30	1.00	0.21	43.60	0.03 0.04
	130		medium to dark grey Lst								
		95		0.54	0.45	0.23	52.93	1.59	0.22	43.63	0.03 0.05
	140										
		95		0.21	0.37	0.24	52.76	2.03	0.15	43.97	0.03 0.05
			– 147								
	150										
		95		0.23	0.26	0.18	53.57	1.32	0.15	43.73	0.02 0.04
	160		medium to light grey Lst								
		95		0.10	0.22	0.16	54.01	1.26	0.14	43.82	0.02 0.03
			white 1mm seams more abundant (at 0° & 45°)								
	170										
		95		0.32	0.29	0.18	53.12	1.62	0.21	43.50	0.03 0.05
	180										
		95		0.70	0.22	0.20	53.57	1.43	0.16	43.44	0.03 0.03
	190										
		95		0.44	0.24	0.21	52.72	2.43	0.16	43.74	0.03 0.05
	200										

LOCATION: [illegible] HOLE NO: 74 D 10 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		overburden	/	/	/	/	/	/	/	/
6										
	80		1.13	0.99	0.22	54.14	0.48	0.14	43.44	0.03 / 0.09
10		dense, medium grey Lst with white seams.								
	85		1.83	0.69	0.46	48.08	4.89	0.80	43.51	0.07 / 0.17
15										
20										
	90		1.96	0.94	0.93	41.63	11.84	0.14	44.93	0.10 / 0.11
30										
	90	light grey Lst	1.59	0.52	0.88	45.02	8.36	0.30	43.56	0.08 / 0.18
40		skarn 18.5' to 20' (60° contact)								
	85		0.90	0.60	0.40	51.77	2.64	0.18	43.86	0.04 / 0.06
		3" mud seam at 46'								
50										
	90	limonite staining	0.24	0.41	0.23	53.61	1.53	0.10	43.60	0.03 / 0.04
60										
	90		0.53	0.47	0.53	49.86	4.93	0.15	43.78	0.05 / 0.02
70										
	90	light grey with stylolitic dark grey fractures Lst.	0.46	0.48	0.32	52.80	2.72	0.15	43.46	0.04 / 0.04
80		marble texture at 65-71'								
	90		0.73	0.69	0.35	53.88	1.77	0.22	43.18	0.03 / 0.12
90										
	90		1.19	0.70	0.36	52.89	1.85	0.30	42.46	0.04 / 0.17
100										

74 D 10

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
				0.53	0.39	0.32	53.59	1.40	0.16	43.85	0.03 / 0.09
	110		light grey Lst with stong marble texture. limonite common for 114'-123'	0.24	0.52	1.20	41.09	11.79	0.16	44.75	0.04 / 0.07
	120		strong pyrite mineratization in stringers < 1/2" from 131'	0.12	0.22	1.23	49.89	4.52	0.52	42.72	0.05 / 0.03
	130		– [contact 30° ?] light green grey dyke	27.00	15.00	10.98	12.06	7.13	2.59	20.05	0.37 / 1.24
	140		– 141 – 142 light grey dense Lst light green grey altered dyke pyrite mineralization and calcite white bands at 40°	30.55	15.36	6.83	18.58	3.99	4.07	16.89	0.71 / 1.48
	152.5		– [contact at 40°. 60°]								
			light grey Lst	0.23	0.18	3.67	41.36	12.20	1.31	41.40	0.09 / 0.07
	160										
			– 169	0.17	0.30	0.31	53.65	1.65	0.12	43.79	0.03 / 0.03
	170		medium grey Lst with 10.20% broken core	1.47	0.85	0.65	51.73	2.48	0.29	44.02	0.04 / 0.12
	180			1.22	0.66	0.48	53.88	1.41	0.24	43.15	0.03 / 0.10
	190		– 196 light grey Lst (transitional color contact.	0.19	0.21	0.30	52.69	2.72	0.16	43.74	0.03 / 0.03
	200										

LOCATION: [illegible] HOLE NO: 74 D 12 DATE DRILLED: [illegible]

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
			overburden	/	/	/	/	/	/	/	/
	10										
		85		0.62	0.49	1.03	40.07	14.18	0.16	44.95	0.11 / 0.13
	20										
		80		1.06	0.55	0.81	43.32	10.60	0.28	43.91	0.09 / 0.21
	30		light grey Lst (very light grey till 30')								
		95	n. white 1mm seams at ≈45° & white ø 1 or 2 mm patches.	0.03	0.15	0.28	53.65	1.97	0.11	43.97	0.03 / 0.04
	40										
		95		0.03	0.11	0.21	54.41	1.26	0.09	43.90	0.02 / 0.02
	50										
		95		0.80	0.17	0.19	54.72	0.86	0.09	43.72	0.02 / 0.02
	60										
		95		0.44	0.25	0.53	48.57	6.43	0.14	44.01	0.06 / 0.02
	70										
		95	same Lst with n. stylolitic fractures in any direction	0.37	0.26	0.25	54.19	1.18	0.15	43.44	0.03 / 0.05
	80										
		95		0.60	0.35	0.29	54.05	0.98	0.18	43.12	0.03 / 0.04
	90										
		95		0.89	0.64	0.38	52.65	0.63	0.19	42.96	0.03 / 0.16
	100										

LOCATION: [illegible] HOLE NO: 74 D 12 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
	90		0.87	0.61	0.39	53.98	1.12	0.16	43.14	0.03 / 0.15
110										
	95		0.18	0.22	0.29	53.71	1.09	0.11	43.75	0.03 / 0.05
120										
	95	light grey Lst scarce white seams	0.13	0.20	0.25	53.72	1.71	0.10	43.90	0.03 / 0.05
130										
	80		1.40	0.93	0.65	50.84	3.84	0.27	42.76	0.05 / 0.25
140										
	95		0.16	0.23	0.27	52.62	2.70	0.09	43.97	0.04 / 0.05
150										
	95		0.01	0.13	0.19	53.51	1.88	0.08	44.43	0.03 / 0.04
160										
	85	medium to light grey Lst scarce white seams	0.19	0.26	0.20	54.57	0.92	0.09	43.88	0.02 / 0.07
170		at 173' & 180': dark grey marl in thin beds.								
	60		0.17	0.23	0.17	54.67	0.97	0.08	43.76	0.03 / 0.07
180										
	55		0.06	0.15	0.52	48.06	7.19	0.08	44.48	0.06 / 0.04
187										
		cavity: traces of dissolution								

HOLE NO: 74 E 3 DATE DRILLED: March

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
			overburden	/	/	/	/	/	/	/	/
	16										
	80			0.30	0.23	0.20	53.32	1.63	0.14	43.80	0.02 / 0.04
	30										
	95			0.20	0.16	0.20	51.60	3.10	0.16	44.09	0.03 / 0.03
	40										
	95		light to medium grey Lst	0.10	0.14	0.22	49.28	5.43	0.18	44.66	0.05 / 0.03
	50										
	95			0.08	0.10	0.22	48.67	6.12	0.18	44.90	0.05 / 0.02
	60										
	95			0.14	0.16	0.14	52.14	2.16	0.18	43.82	0.03 / 0.04
	70										
	95			0.20	0.19	0.12	52.55	1.60	0.26	43.45	0.03 / 0.04
	80										
	95			0.10	0.12	0.10	52.48	1.41	0.35	43.89	0.03 / 0.03
	90										
	95			0.17	0.15	0.12	52.93	1.32	0.30	43.40	0.03 / 0.03
	100										

74 E3

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		95		0.10	0.15	0.11	53.02	1.62	0.22	43.7	0.03 / 0.03
110											
		95	— 115	0.04	0.12	0.10	53.09	1.52	0.16	43.73	0.03 / 0.02
120											
		95	light to medium grey Lst	0.05	0.16	0.12	52.36	2.61	0.15	44.4	0.03 / 0.03
130											
			some white 1mm seams								
		95		0.10	0.18	0.14	52.84	2.15	0.15	43.5	0.03 / 0.04
140											
		95		0.02	0.14	0.10	53.52	1.65	0.11	43.9	0.03 / 0.02
150			—								
		95		0.00	0.12	0.10	54.19	1.04	0.12	43.58	0.02 / 0.02
160											
		95	same with more white seams	0.02	0.12	0.10	52.88	2.14	0.10	44.3	0.03 / 0.02
170											
		95		0.18	0.23	0.36	51.85	3.24	0.28	43.57	0.04 / 0.05
180											
		95		0.06	0.17	0.12	51.90	3.08	0.10	44.24	0.03 / 0.03
190			—								
		95		0.10	0.14	0.11	53.51	1.58	0.10	44.55	0.02 / 0.03
200											

74 E 3

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	If. Loss	Na_2O / K_2O
		95		0.88	0.18	0.12	53.23	1.10	0.24	43.44	0.03 / 0.04
210											
		95		0.89	0.16	0.12	52.53	1.44	0.28	43.40	0.03 / 0.03
220											
		95		0.62	0.40	0.20	52.80	1.90	0.29	43.21	0.03 / 0.10
230											
		95	light to medium grey Lst	0.60	0.46	0.33	52.53	1.44	0.34	42.86	0.03 / 0.11
240			some white 1mm seams								
		95		0.10	0.13	0.10	52.94	1.95	0.14	43.94	0.02 / 0.03
250											
		95		0.40	0.26	0.20	52.38	2.00	0.32	43.38	0.03 / 0.06
260											
		95		0.14	0.12	0.09	53.65	0.76	0.20	43.52	0.02 / 0.02
270											
		95		0.14	0.18	0.12	54.00	1.02	0.10	43.91	0.02 / 0.04
280											
		95	light grey Lst	0.11	0.16	0.28	48.27	6.78	0.16	44.64	0.05 / 0.05
290											
		95	—295	0.22	0.24	0.39	45.68	8.55	0.18	44.68	0.07 / 0.06
300											

LOCATION: [illegible] HOLE NO: 74 E 3 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		95	light to medium grey Lst w. white 1mm seams in all directions.	0.17	0.20	0.20	51.51	3.49	0.15	44.22	0.04 / 0.05
310											
		95	light to medium grey Lst	0.38	0.31	0.22	52.79	2.27	0.20	43.76	0.03 / 0.08
320											
		95	325	0.23	0.20	0.14	53.56	1.36	0.16	43.78	0.02 / 0.05
330			light to medium grey Lst								
		95	w. white 1mm seams	0.26	0.20	0.16	53.43	1.75	0.16	43.84	0.03 / 0.05
340											
		95		0.36	0.24	0.16	53.50	1.27	0.22	43.21	0.03 / 0.06
350											
		95		0.29	0.26	0.18	52.98	1.83	0.26	43.38	0.03 / 0.07
360			light to medium grey Lst								
		95		1.06	0.45	0.26	51.08	2.18	0.22	43.16	0.04 / 0.11
370											
		95		1.02	0.57	0.32	52.22	1.66	0.30	42.87	0.04 / 0.17
380											
		95		0.64	0.25	0.23	51.58	2.68	0.24	43.49	0.03 / 0.07
390											
		95		0.16	0.16	0.14	51.60	2.27	0.28	43.58	0.04 / 0.04
400											

LOCATION: Mount Hay HOLE NO: 74 E 5 DATE DRILLED: March 1974 PAGE 1 OF 2

Footage	Color Texture	1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
				overburden	/	/	/	/	/	-	-	/
3												
			95		0.18	0.13	0.18	52.96	1.64	0.08	43.66	0.03 / 0.03
10												
			95		0.18	0.15	0.10	54.18	1.16	0.08	43.68	0.02 / 0.03
20												
			95	light to medium grey Lst	0.17	0.14	0.12	54.04	1.30	0.10	43.88	0.02 / 0.03
30												
				some white 1mm seams								
			95		0.20	0.16	0.18	53.89	1.25	0.09	43.83	0.02 / 0.03
40												
			95		0.24	0.16	0.18	54.39	0.70	0.08	43.60	0.01 / 0.04
50												
			95	-55	0.19	0.17	0.18	53.77	1.49	0.09	43.74	0.03 / 0.04
60				light to medium grey Lst								
			95	w. white 1mm. seams.	0.18	0.18	0.14	53.05	2.52	0.09	43.91	0.03 / 0.03
70				-								
			95		0.09	0.10	0.14	52.16	3.28	0.08	43.98	0.04 / 0.02
80												
			95	light to medium grey Lst	0.09	0.10	0.18	50.62	4.56	0.08	44.53	0.04 / 0.02
90				some white 1mm seams								
			95		0.14	0.14	0.10	53.98	1.12	0.10	43.68	0.02 / 0.03
100												

LOCATION: [illegible] HOLE NO: 74 E 5 DATE DRILLED: [illegible]

Color Texture 1" = 10'	Footage Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
	95		0.18	0.17	0.10	53.71	1.04	0.12	43.65	0.02 / 0.03
	110									
	95		0.25	0.20	0.12	54.02	1.09	0.12	43.76	0.02 / 0.04
	120									
	95		0.33	0.23	0.15	53.88	1.33	0.12	43.67	0.02 / 0.05
	130									
	95		0.32	0.18	0.12	54.16	1.08	0.08	43.69	0.03 / 0.04
	140									
	95	from 147' to 150': fractured	0.22	0.18	0.12	53.96	1.30	0.09	43.74	0.02 / 0.04
	150									
	95		0.16	0.20	0.14	54.01	0.85	0.08	43.90	0.02 / 0.05
	160									
	95		0.06	0.14	0.12	53.54	1.60	0.10	44.07	0.02 / 0.03
	170									
	95		0.08	0.12	0.10	53.59	1.73	0.10	44.04	0.03 / 0.02
	180									
	95		0.08	0.13	0.10	53.78	1.45	0.10	43.97	0.02 / 0.02
	190									
	95		0.12	0.14	0.13	53.69	0.96	0.11	43.73	0.02 / 0.03
	200									

LOCATION: [illegible] HOLE NO: 74 E7 DATE DRILLED: [illegible] DE ⇒

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
	65			0.64	0.30	0.26	53.84	2.07	0.13	43.55	0.03 / 0.07
	10										
	80			0.13	0.14	0.18	54.65	1.01	0.10	43.86	0.02 / 0.02
	20										
	95		light to medium grey, very	0.15	0.15	0.18	54.48	0.62	0.14	43.60	0.02 / 0.04
	30		fine to compact Lst								
	95			0.10	0.12	0.11	54.63	0.89	0.08	43.86	0.02 / 0.02
	40										
	95			0.04	0.14	0.11	53.82	1.83	0.21	43.50	0.02 / 0.03
	50										
	90			0.13	0.22	0.14	53.56	1.87	0.21	43.52	0.03 / 0.04
	60										
	95			0.15	0.27	0.18	53.75	1.43	0.12	43.76	0.02 / 0.04
	70										
	95		light to medium grey Lst	0.30	0.29	0.21	53.09	1.85	0.13	43.63	0.03 / 0.06
	80		some white 1mm seams at 45°								
	95			0.01	0.16	0.15	54.11	1.47	0.04	43.98	0.02 / 0.03
	90		fractured area at 72'								
	95			0.09	0.15	0.12	53.10	2.27	0.08	44.05	0.03 / 0.02
	100										

LOCATION: [illegible] HOLE NO: 74 E 7 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
110	95	–	0.16	0.89	0.26	52.43	1.52	0.18	43.32	0.03 / 0.05
120	95	light to medium grey Lst	0.00	0.14	0.11	54.58	0.73	0.10	43.84	0.02 / 0.02
130	95	some white patches - vugy texture (pseudo breccia)	0.04	0.18	0.12	54.50	0.96	0.09	43.86	0.02 / 0.03
140	95	–	0.17	0.18	0.12	55.04	0.51	0.09	43.76	0.02 / 0.03
150	95		0.00	0.16	0.11	54.51	0.64	0.15	43.67	0.02 / 0.03
160	95	light grey Lst	0.23	0.32	0.18	53.65	1.40	0.16	43.66	0.02 / 0.05
170	95	deeply fractured from 168' to 170'	0.54	0.42	0.18	54.12	1.17	0.10	43.63	0.02 / 0.07
180	95		0.84	0.40	0.18	54.10	0.51	0.20	43.04	0.02 / 0.08
190	95		0.49	0.27	0.17	51.74	2.52	0.24	43.57	0.04 / 0.06
200	95	– 191 light grey Lst white seams in any direction	0.15	0.19	0.23	49.18	5.34	0.20	44.21	0.05 / 0.05

LOCATION: [illegible] HOLE NO: 74 E 7 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
	95		0.73	0.52	0.21	54.14	0.82	0.18	43.23	0.02 / 0.18
210										
	95		0.04	0.16	0.12	54.71	0.61	0.11	43.80	0.02 / 0.03
220										
	95	light to medium grey Lst	0.09	0.21	0.15	54.32	0.62	0.15	43.59	0.02 / 0.04
230										
	95	scarce white 1mm seams	0.20	0.25	0.15	54.15	0.68	0.17	43.44	0.02 / 0.06
240		vugy structure at 220'-225'								
	95		0.22	0.26	0.16	54.34	0.53	0.15	43.25	0.03 / 0.07
250										
	95	fractured from 250' to 260'	0.02	0.14	0.13	54.82	0.41	0.10	43.67	0.02 / 0.03
260										
	95		0.01	0.14	0.16	55.32	0.36	0.08	43.75	0.02 / 0.03
265										
-269										
	35	same Lst	0.04	0.15	0.14	55.17	0.39	0.08	43.74	0.02 / 0.04
277		very deeply fractured								
	30		0.07	0.17	0.13	55.32	0.35	0.08	43.57	0.02 / 0.04
287										
-										

74 E9 DATA DRILLING

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
				/	/	/	/	/	/	/	/
5			overburden								
10		85		0.56	0.44	0.89	53.39	1.56	0.11	43.59	0.03 / 0.02
20		80		0.36	0.32	0.83	53.82	1.42	0.08	43.50	0.03 / 0.02
30		90	dense, medium grey Lst with white seams	0.07	0.13	0.18	52.91	2.46	0.08	43.36	0.03 / 0.01
40		90	darker grey Lst intercepts for 41-45', 65.73', 79.83'	0.18	0.16	0.16	54.86	0.96	0.08	43.39	0.02 / 0.01
50		90	stylolitic color contact at 65' (≈ 90°)	0.89	0.17	0.43	53.64	1.36	0.18	43.07	0.03 / 0.01
60		90	some marl along stylolitic joints.	0.09	0.14	0.15	54.76	0.79	0.09	43.15	0.02 / 0.01
70		90		0.05	0.11	0.15	53.89	1.56	0.09	43.30	0.03 / 0.01
80		90		0.15	0.12	0.17	54.16	1.89	0.08	43.80	0.02 / 0.01
90		90		0.03	0.11	0.14	54.07	1.68	0.08	43.90	0.02 / 0.01
100		90	marble texture at 95'	0.00	0.07	0.17	52.44	2.72	0.08	43.96	0.03 / 0.01

LOCATION: [illegible] HOLE NO: 74 E 9 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		90		0.01	0.10	0.14	53.96	0.96	0.08	43.88	0.03 / 0.02
110											
		85		0.06	0.12	0.23	50.66	3.89	0.11	44.31	0.05 / 0.03
120			medium grey Lst with								
		90	white seams. clasts of various color for 117'-137'	0.61	0.56	0.46	47.68	7.19	0.20	42.30	0.07 / 0.15
130			minor skarn to dyke material at 122'								
		90		0.12	0.44	0.40	49.53	5.73	0.18	43.04	0.05 / 0.12
140											
		90	— 146	0.18	0.19	0.44	46.83	7.92	0.14	44.58	0.07 / 0.06
150											
		90	medium to dark grey Lst	0.00	0.12	0.19	52.12	2.80	0.09	44.25	0.02 / 0.04
160											
		90	some marble texture	0.00	0.12	0.19	52.65	2.70	0.09	43.54	0.04 / 0.04
170											
		90		0.18	0.19	0.18	54.35	1.17	0.11	43.82	0.03 / 0.06
180											
		90		0.05	0.14	0.15	53.36	1.59	0.07	43.78	0.03 / 0.04
190											
		90	limonite staining at 200'	0.16	0.22	0.17	54.23	1.20	0.07	43.63	0.03 / 0.06
200											

74 E9 DATE DRILLED:

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
210	90		0.00	0.11	0.15	52.33	2.55	0.07	43.92	0.04 / 0.03
220	90		0.01	0.13	0.15	53.89	1.34	0.07	43.75	0.03 / 0.04
230	90	medium grey Lst with some white seams.	0.12	0.80	0.16	54.42	1.09	0.07	43.71	0.03 / 0.05
240	90	color contact at 237' & 245' along a stylolitic joint	0.00	0.11	0.14	53.53	2.01	0.08	43.91	0.03 / 0.03
250	90		0.22	0.24	0.22	54.06	1.22	0.12	43.69	0.03 / 0.07
260	90		0.10	0.12	0.20	53.64	1.47	0.08	43.85	0.03 / 0.04
270	90		0.38	0.09	0.17	54.11	0.89	0.09	43.61	0.03 / 0.02
280	80	270'-280': deeply fractured area with strong limonite staining	0.34	0.09	0.21	54.73	0.58	0.09	43.47	0.02 / 0.01
290	90		0.45	0.09	0.19	53.94	1.07	0.10	43.38	0.03 / 0.01
300	90		0.43	0.13	0.23	53.47	1.60	0.11	43.33	0.03 / 0.01

LOCATION: Mount Gay HOLE NO: 74 FS DATE DRILLED: February [illegible] OF

Color Texture	Footage 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
			overburden	/	/	/	/	/	/	/	/
	44										
		80		1.52	0.56	0.40	52.64	0.93	0.10	42.61	0.03 / 0.08
	50										
		95		0.65	0.30	0.30	52.27	2.15	0.12	43.48	0.03 / 0.03
	60		light to medium grey Lst								
		95		0.19	0.17	0.13	53.48	1.32	0.15	43.80	0.03 / 0.04
			some white 1mm seams at 0°								
	70										
		80	74': stylolitic joint at 90°	0.22	0.22	0.14	53.80	1.41	0.18	43.69	0.03 / 0.05
	80										
		95		0.05	0.12	0.12	53.74	1.24	0.12	43.89	0.02 / 0.02
	85										
		90	porphyry: green with white green phenocrysts	38.78	11.58	16.56	10.70	7.30	0.02	8.62	1.08 / 0.36

LOCATION: Flood Bay HOLE NO: 74 F 2 DATE DRILLED: February MAP: 2 OF 2

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
108										
30			29.26	9.71	14.52	16.26	6.64	0.02	9.96	1.14 / 0.19
117										
30			23.17	8.08	11.24	23.30	5.84	0.03	17.01	1.02 / 0.14
136										

LOCATION: [illegible] HOLE NO: 74 F4 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10' Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
		overburden	/	/	/	/	/	/	/	/
14										
	80	compact to fine grain, light buff Lst	0.62	0.29	0.24	51.59	2.30	0.08	43.76	0.04 / 0.06
21										
	95		0.22	0.16	0.16	50.96	4.02	0.10	44.23	0.04 / 0.04
30										
	95		0.35	0.11	0.14	51.89	3.86	0.10	44.32	0.03 / 0.02
40										
	95	medium grey to light grey Lst	0.88	0.39	0.23	52.14	2.44	0.19	43.40	0.03 / 0.11
50		some white 1mm seams								
	95		0.54	0.24	0.20	52.38	2.58	0.16	43.81	0.03 / 0.07
60										
	95		0.38	0.20	0.20	50.58	3.90	0.15	44.13	0.03 / 0.04
70										
	95		1.77	0.65	0.42	50.63	2.87	0.20	42.82	0.04 / 0.04
80										
	95		0.36	0.16	0.16	52.60	2.06	0.12	43.85	0.03 / 0.04
90										
	95		0.32	0.15	0.14	53.35	1.15	0.13	43.69	0.02 / 0.03
96.5										
	95	dyke: light green grey - some pyrite & irregular white 5mm seams	21.84	8.96	6.00	21.60	10.72	1.75	27.52	0.28 / 0.39

LOCATION: [illegible] HOLE NO: 74 F4 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
101											
		95		0.28	0.24	0.25	52.29	2.46	0.21	43.98	0.03 / 0.03
110											
		95		0.16	0.10	0.16	52.44	2.04	0.20	44.19	0.03 / 0.02
120											
		95		0.25	0.14	0.14	53.46	1.51	0.14	43.85	0.02 / 0.03
130			medium to light grey [illegible]								
		95		0.44	0.20	0.14	53.17	1.56	0.13	43.71	0.02 / 0.05
140			some white 1 mm seams								
		95		1.03	0.52	0.24	52.33	1.40	0.24	42.88	0.05 / 0.12
150											
		95		0.46	0.26	0.24	51.17	2.90	0.36	43.89	0.04 / 0.05
160											
		95		0.80	0.11	0.16	51.13	3.32	0.22	43.91	0.04 / 0.05
170											
		95		1.46	0.65	0.40	51.71	1.31	0.41	42.83	0.03 / 0.17
180											
		95		0.21	0.12	0.10	52.94	0.70	0.38	43.89	0.03 / 0.02
190											
		95		1.35	0.54	0.38	52.14	0.91	0.48	42.05	0.03 / 0.2
197											

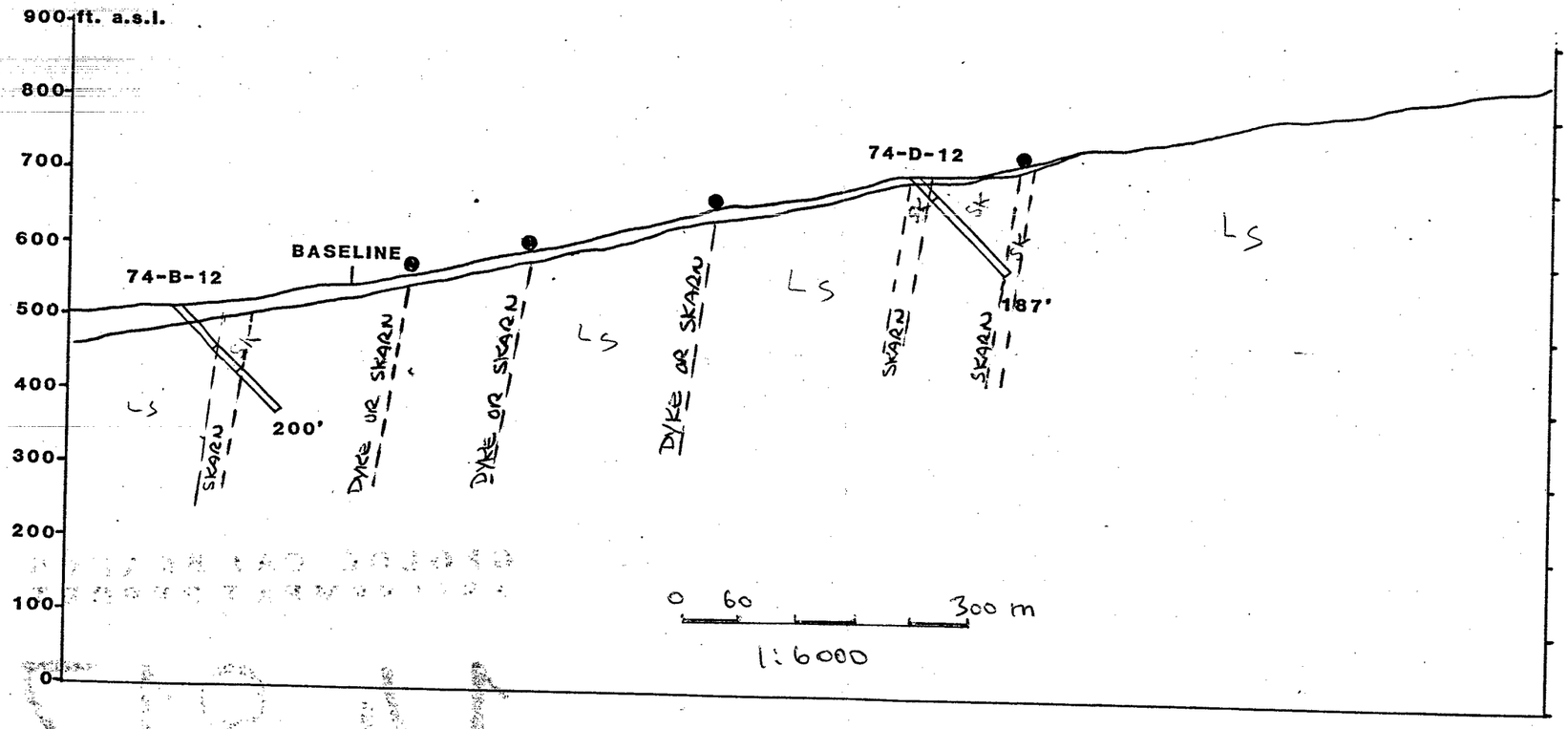
LOCATION: [illegible] HOLE NO: 74 F 10 DATE DRILLED: [illegible]

Footage	Color Texture 1" = 10'	Recovery	Descriptive Geology	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	S	Ig. Loss	Na_2O / K_2O
10		65	dense to very finegrain, light to medium grey Lst	2.73	1.68	0.52	51.20	1.44	0.10	43.63	0.04 / 0.10
15		90		0.40	0.30	0.14	53.88	1.21	0.08	43.91	0.02 / 0.03
20		80	light grey Lst deeply fractured from 15' to 27'	0.01	0.13	0.12	52.88	2.53	0.06	44.15	0.03 / 0.02
30		90		0.66	0.48	0.20	54.18	0.66	0.08	43.48	0.02 / 0.04
40		95	medium grey Lst	0.33	0.22	0.17	54.43	0.75	0.09	43.50	0.02 / 0.03
50		90		0.75	0.30	0.19	53.23	1.20	0.08	43.85	0.03 / 0.03
60		95		0.00	0.10	0.11	54.23	0.98	0.09	43.79	0.02 / 0.01
70		95	light to medium grey Lst some very small (ø2mm) white patches - 78' to 83': deeply fractured	0.00	0.06	0.11	53.85	1.54	0.07	43.98	0.02 / 0.02
80		95		0.19	0.15	0.13	54.81	0.35	0.07	43.64	0.02 / 0.04
90		95	medium grey Lst	0.18	0.19	0.13	54.30	0.70	0.08	43.69	0.02 / 0.03
100											

Canada Cement Lafarge Ltd.
Monat Bay.

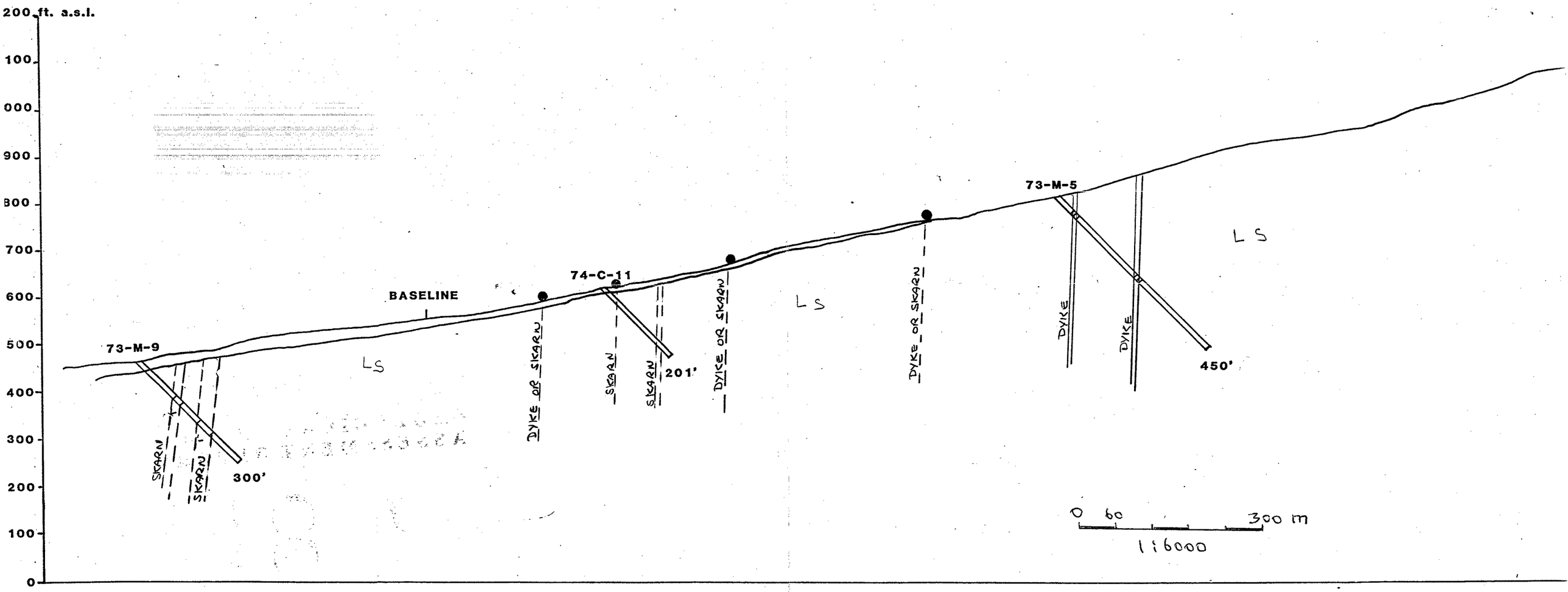
SECTION

LINE 8



Canada Cement LaFarge Ltd.
Monat Bay.

SECTION
LINE 9



Canada Cement Lafarge Ltd.
Mount Bay.

Section
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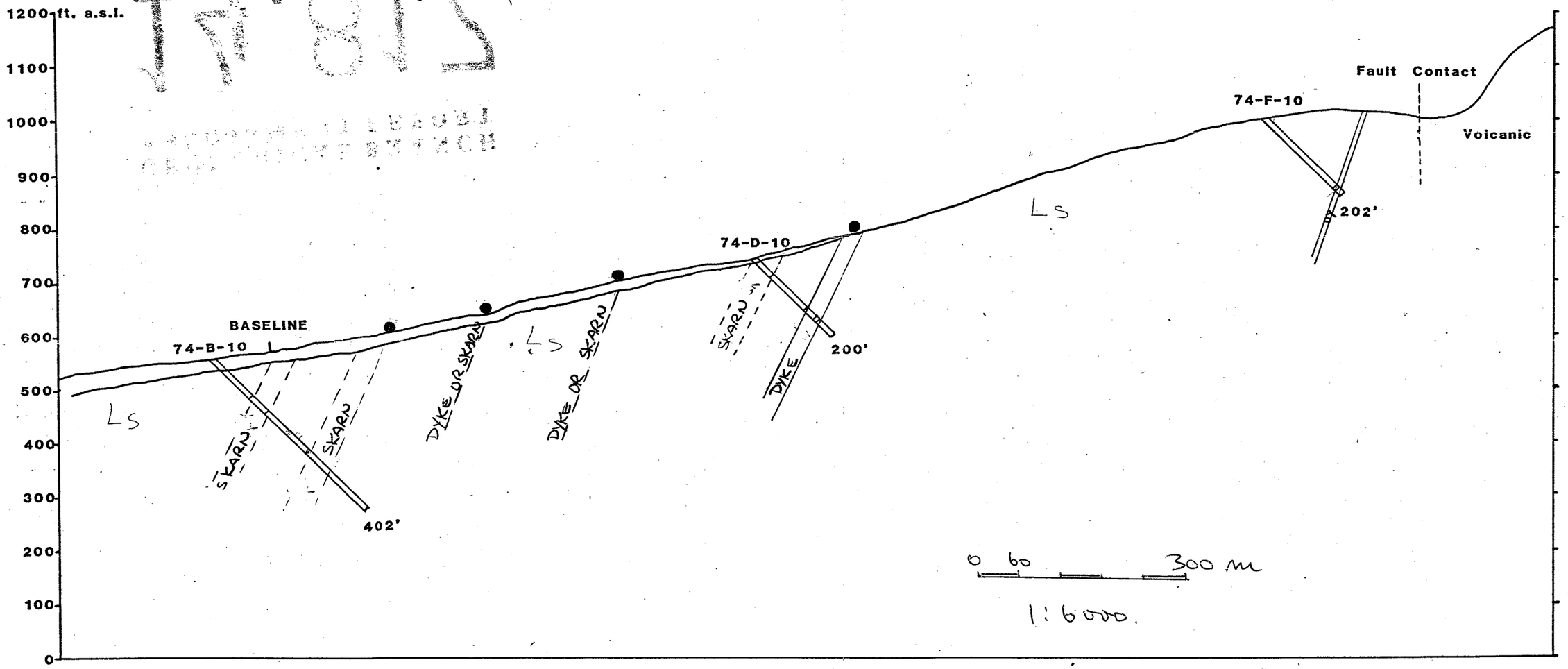

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Canada Cement Lafarge Ltd.
Monat Bay.

SECTION

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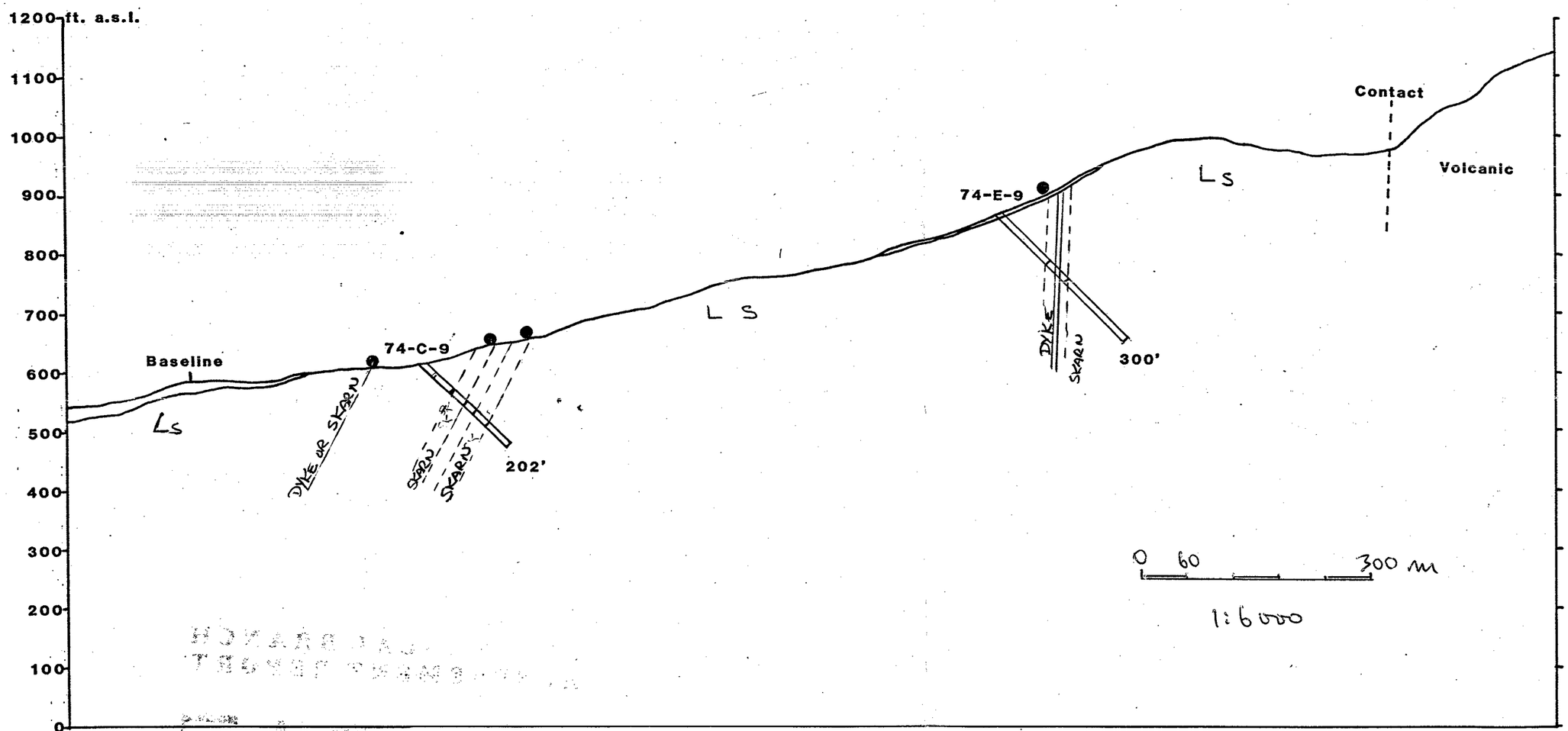

0 60 300 m

1:6000

Canada Cement Lafarge Ltd.
Mount Bay

SECTION
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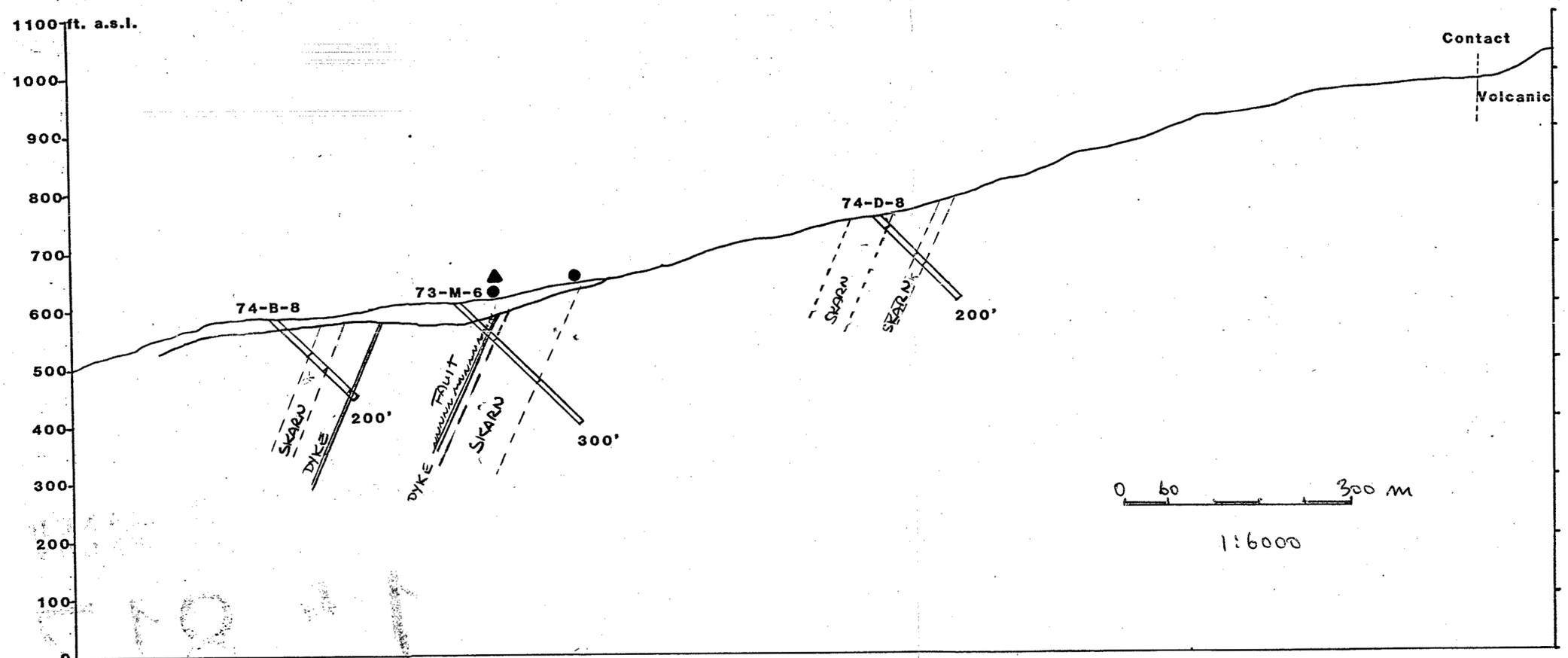

Canada Cement Lafarge Ltd.
Mount Bay.

Section
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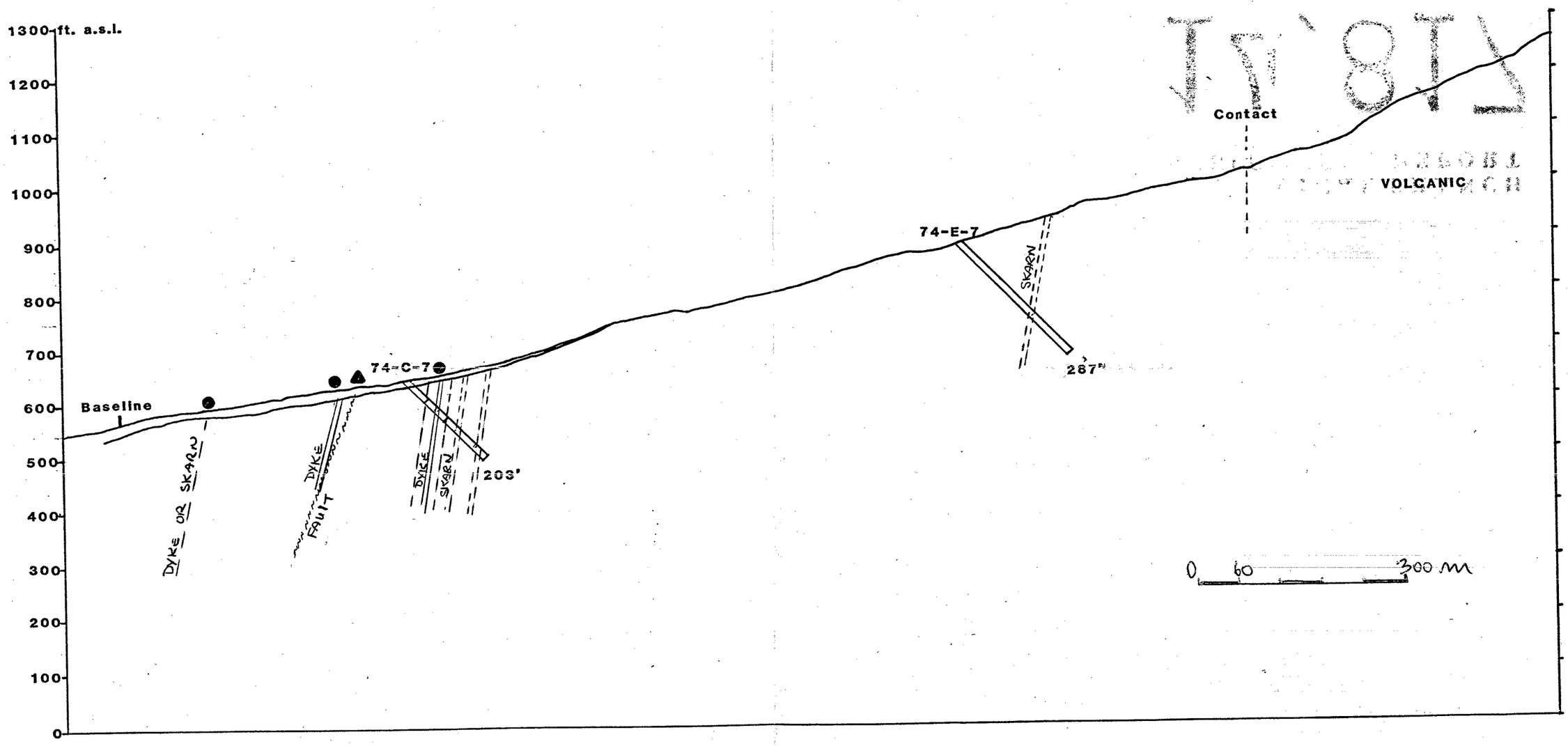
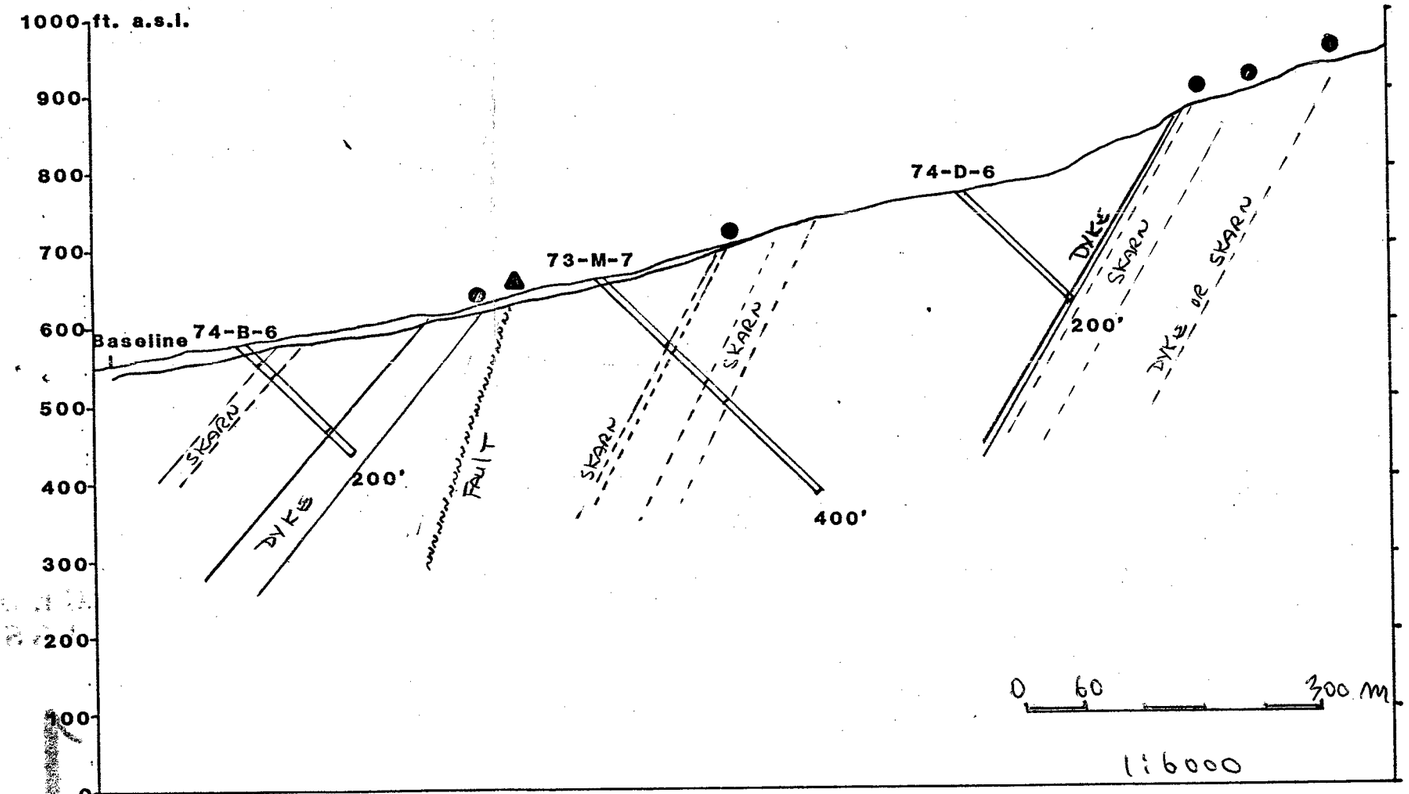


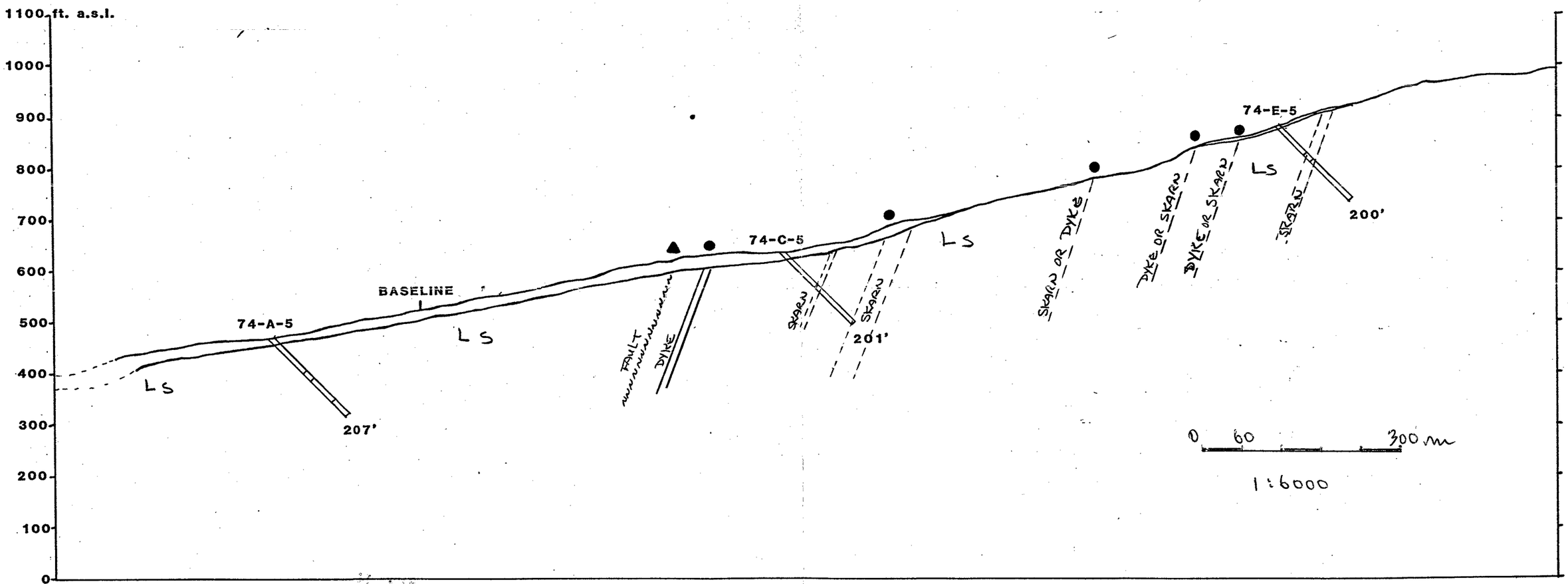
Canada Cement Lafarge Ltd
Mowat Bay.

SECTION
LINE 16



Canada Cement Lafarge Ltd.
Mowat Bay.

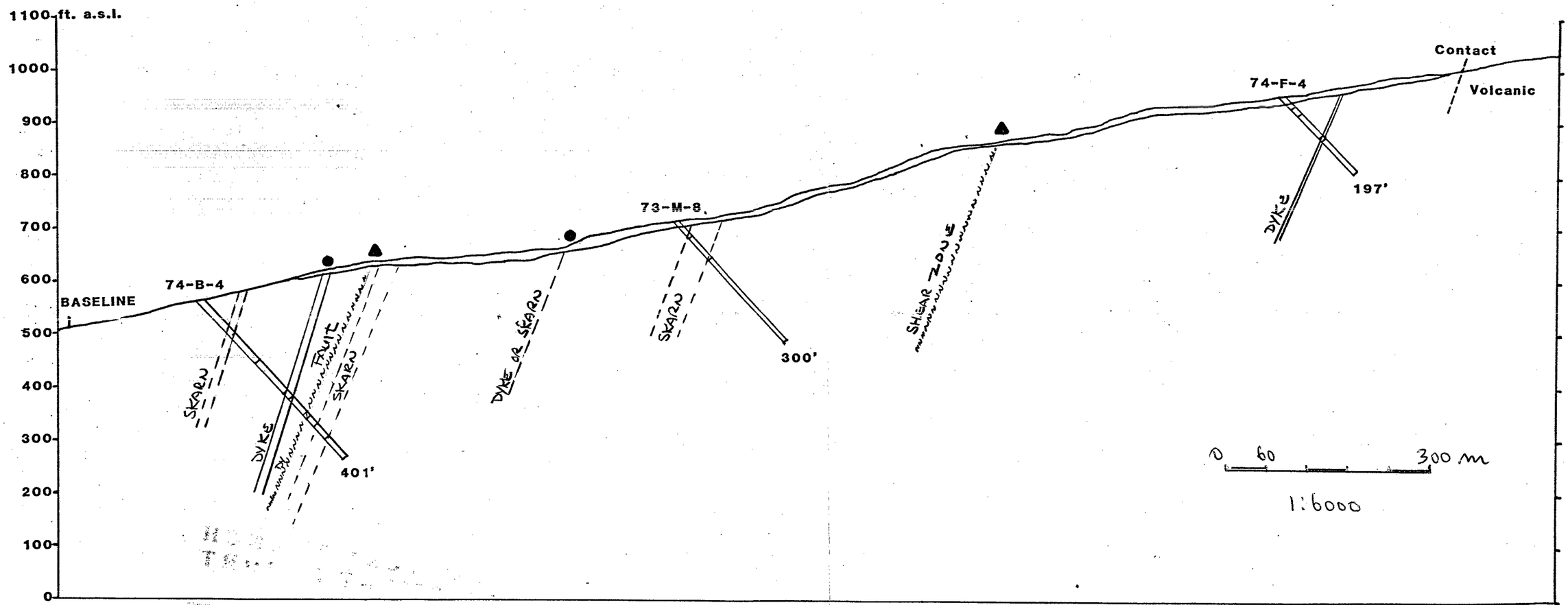
SECTION
LINE 18



Canada Cement Lafarge Ltd.
Monat Bay.

SECTION

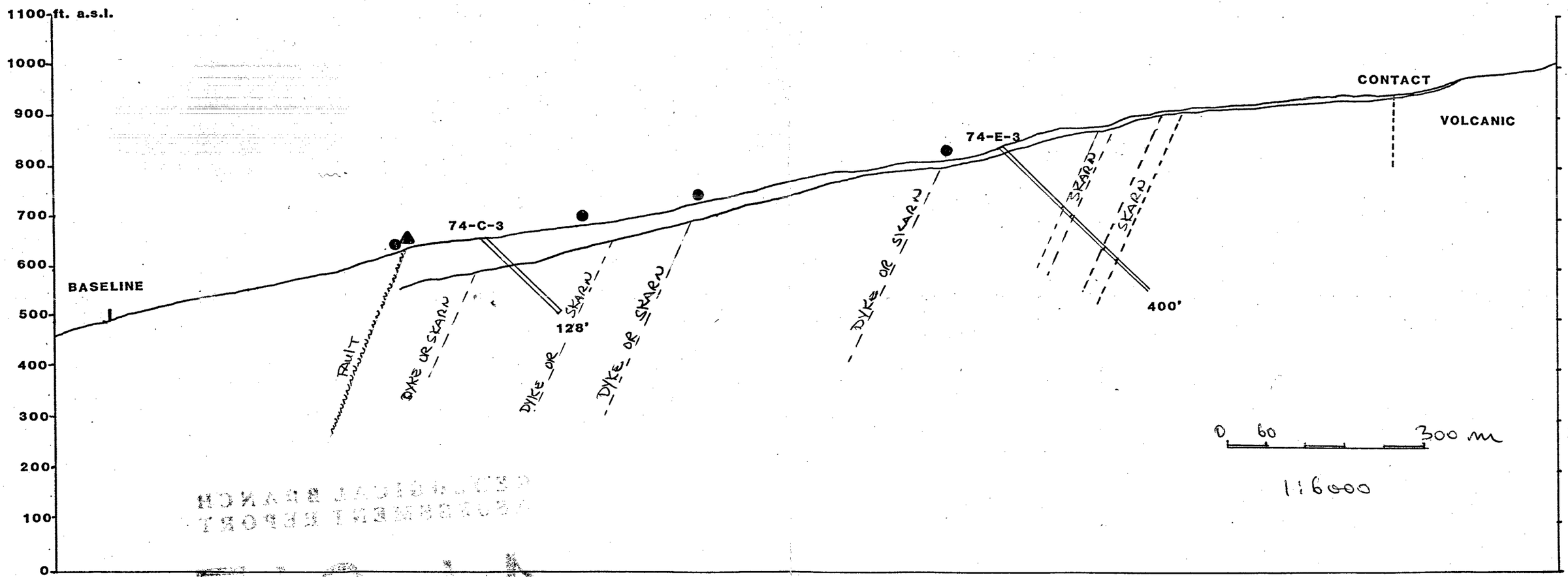
LINE 19



74-817

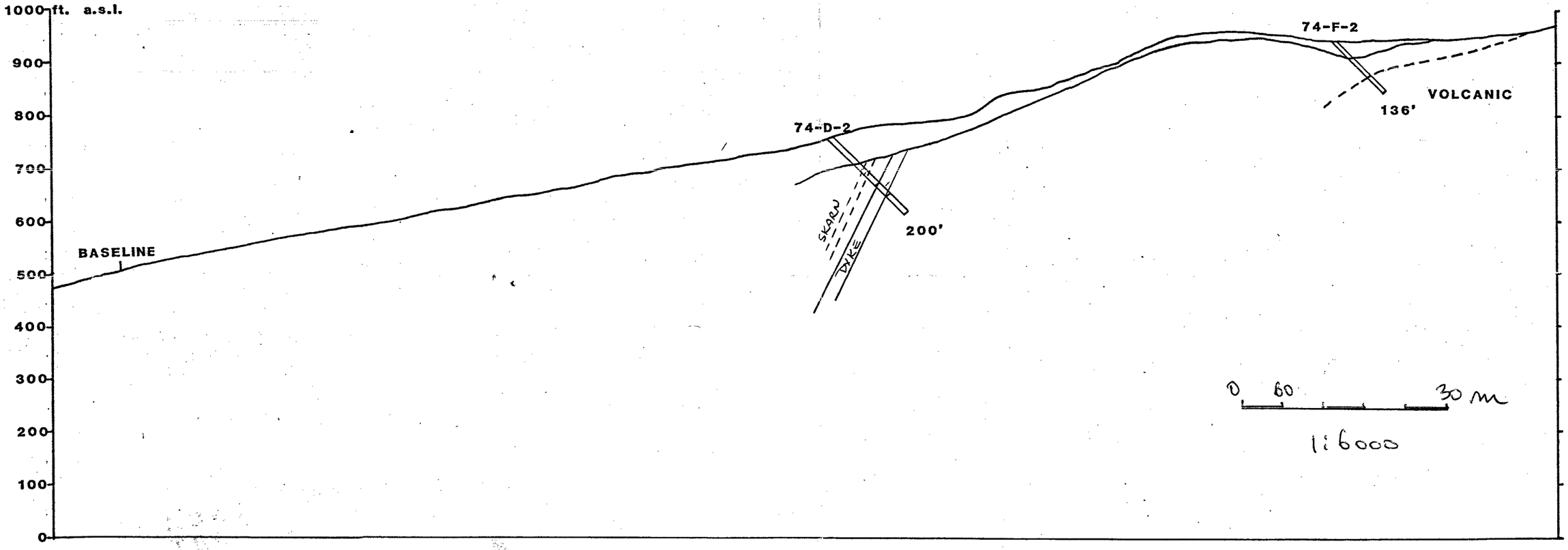
Canada Cement Lafarge Ltd.
Mount Bay.

SECTION
LINE 20



Canada Cement Lafarge Ltd.
Mowat Bay.

SECTION
LINE 21



CANADA CEMENT LAFARGE LIMITED

GEOLOGY & RAW MATERIALS

MOUAT BAY, TEXADA ISLAND B.C.

LIMESTONE DEPOSIT

CLAIMS BLOCK & GEOPHYSICAL SURVEY GRID

MAP 1.

OCTOBER / NOVEMBER 1985

LOT 310

LOT 385

LOT 311

LOT 386

LOT 397

LOT 387

LOT 396

LOT 390

LOT 395

LOT 389

LOT 392

LOT 391

LOT 493
T.L. 6586

LOT 547

LOT 394

LOT 393

LOT 399

LOT 548

LOT 302

LOT 303

LOT 235

LOT 573

FRACTION SECTION 19

FRACTION SECTION 22

MOUAT BAY

STL 6587

VOLCANIC

VOLCANIC

VOLCANIC

VOLCANIC

VOLCANIC

VOLCANIC

PROVINCE OF BRITISH COLUMBIA

VACANT CROWN LAND

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,817

LEGEND

- MAGNETIC AXES (DYKE)
- ELECTROMAGNETIC AXES (FAULT)
- LIMESTONE-MASSIVE VOLCANIC CONTACT
- LIMESTONE / VOLCANIC CONTACT (PRESUMED)
- PROBABLE FAULT
- OUTCROP

SCALE 1 : 6000

0 60 300 m

ANTONY C. LOACH & ASSOCIATES
B.C. LAND SURVEYORS
NORTH VANCOUVER, B.C.

FB 303 P2 - 80

M562 - 21

L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17 L18 L19 L20

CLAIM 32 CLAIM 12 CLAIM 30 CLAIM 31 CLAIM 11 CLAIM 10 CLAIM 29 CLAIM 9 CLAIM 28 CLAIM 8 CLAIM 27 CLAIM 7

74-F-2 74-D-2 74-E-3 74-E-5 74-E-7 74-E-9 74-H-10 73-M-5 74-D-10 74-D-12 74-D-6 74-D-8 73-M-8 74-C-3 74-C-5 73-M-7 74-C-7 74-C-9 74-C-11 74-C-13 73-M-6 74-B-4 74-B-6 74-B-8 73-M-10 74-B-10 74-B-12 74-A-5 73-M-9

LEGEND

- DYKE
- SKARN
- D.D.H. (with horizontal direction)
- SHEAR ZONE
- VOLCANIC/LIMESTONE CONTACT
- PROPOSED VERTICAL D.D.H. (Limestone)
- PROPOSED 45° D.D.H. (Gold)
- ANGLE HOLE (Deep-seated dyke)

Scale 1 : 6000

0 60 300 m

CANADA CEMENT LAFARGE LTD.

GEOLOGY & RAW MATERIALS

MOUAT BAY

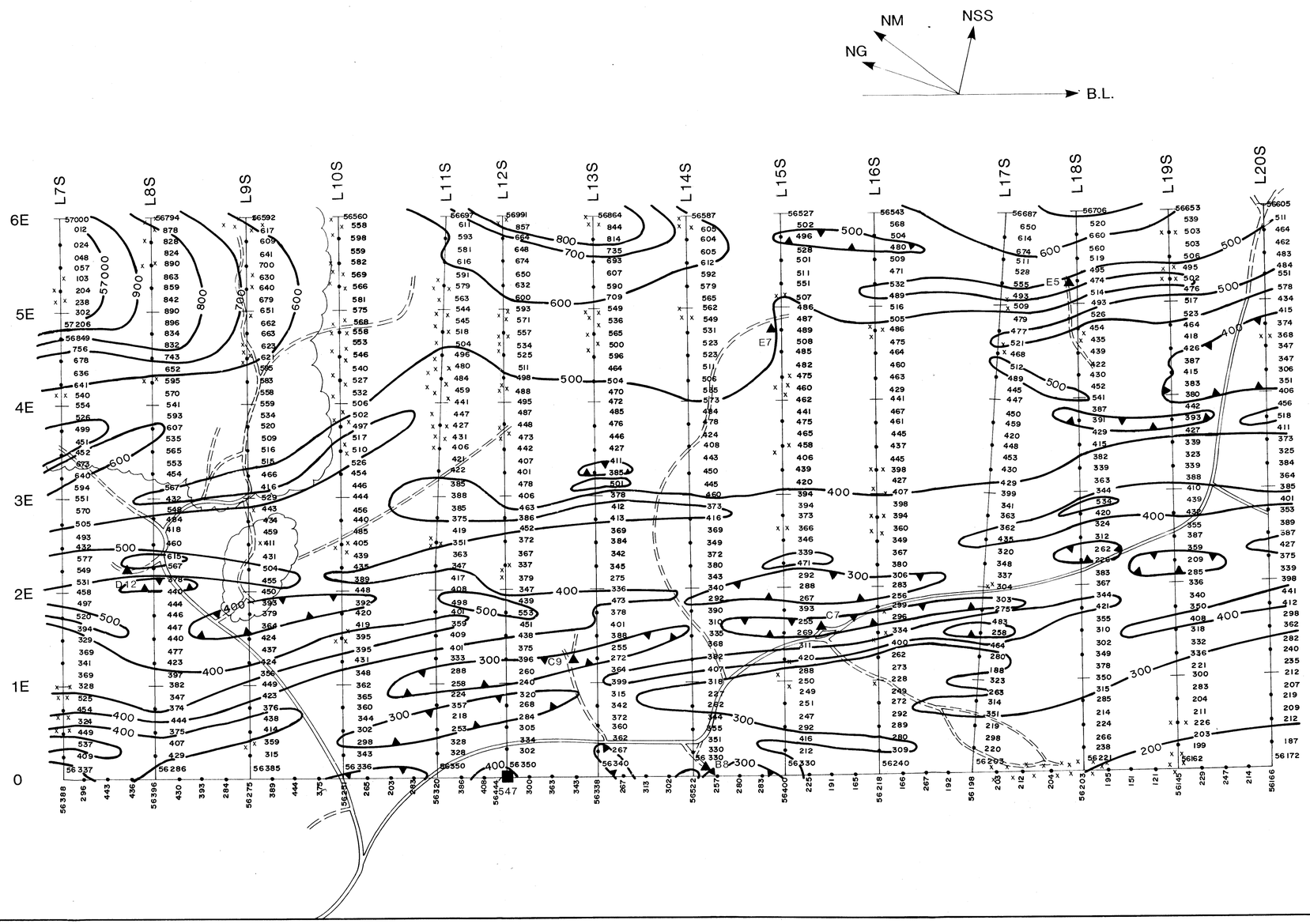
COMPOSITE EXPLORATION MAP

14,817

MAP 2.

Drafted By P. Masson

January 1986



MOUAT BAY

CC M — TOTAL MAGNETIC FIELD CONTOUR MAP (gammas) — MP AL

LEGEND
LEGENDE

MAIN ROAD
Chemin Principal

SECONDARY ROAD
Chemin Secondaire

LOT STAKES
Piquet de Lot
547

HOLE
Forage (DDH)
B8

OUTCROP
Affleurement

UNVEGETATED ZONE
Zone déboisée

SCALE
Echelle: 1: 2500

0 100 200 m

INSTRUMENT USED:
SCINTREX IGS-2

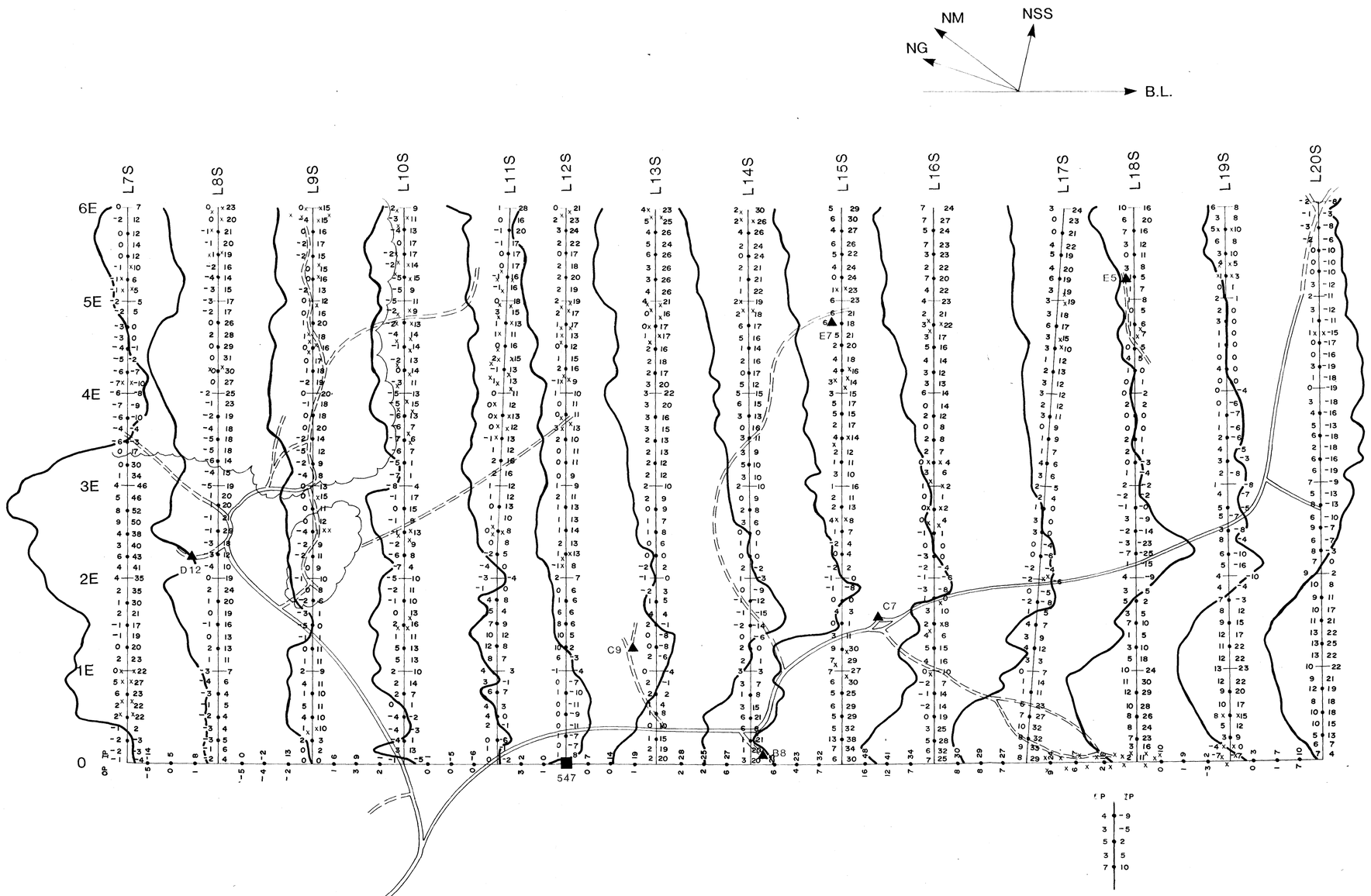
Aurizon

Novembre, 1985

Levé: C. St-Hilaire

Dessin: A. Lacombe

Interprétation: C. St-Hilaire



MOUAT BAY

V.L.F. PROFILES

(STATION: NSS, 21.4 Khz)

LEGEND

— LEGENDE —

MAIN ROAD
Chemin Principal

SECONDARY ROAD
Chemin Secondaire

LOT STAKES
■ 547
Piquet de Lot

HOLE
▲ B8
Forage (DDH)

OUTCROP
Affleurement

UNVEGETATED ZONE
Zone déboisée

14,817

SCALE
Echelle: 1: 2500

0 100 200 m

INSTRUMENT USED:
SCINTREX IGS-2

Aurizon

Novembre, 1985

Levé: C. St-Hilaire

Dessin: A. Lacombe

Interprétation: C. St-Hilaire