inches
0 1
centimetres
0 1 2
BRITISH COLUMBIA GEOLOGICAL SURVEY
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

842145

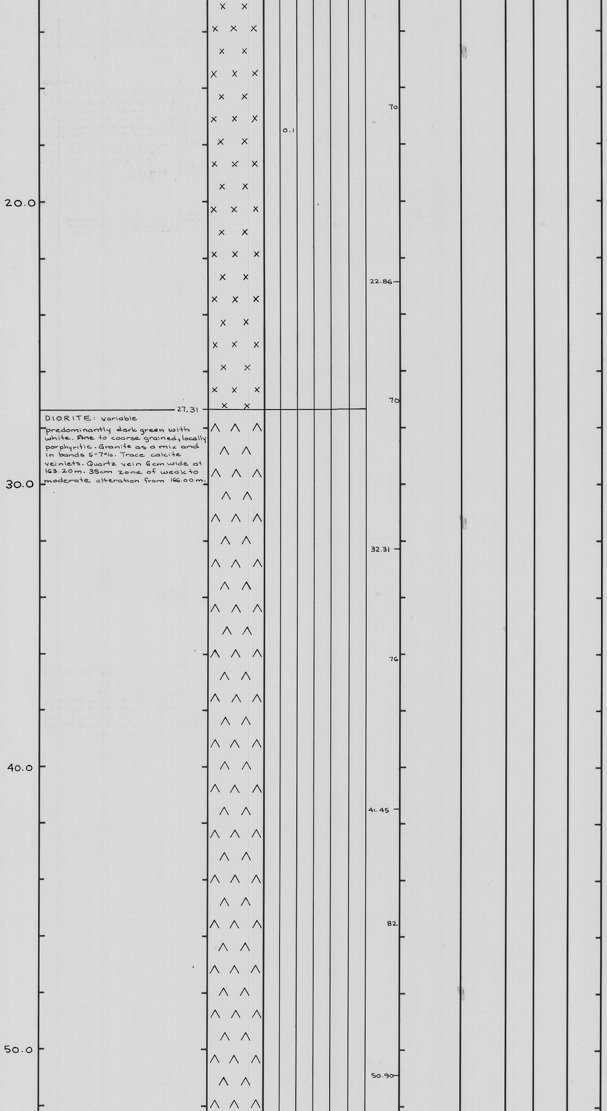
Sample Nos. 116260 to 116265H
113216 to 113222H

CHEVRON CANADA RESOURCES

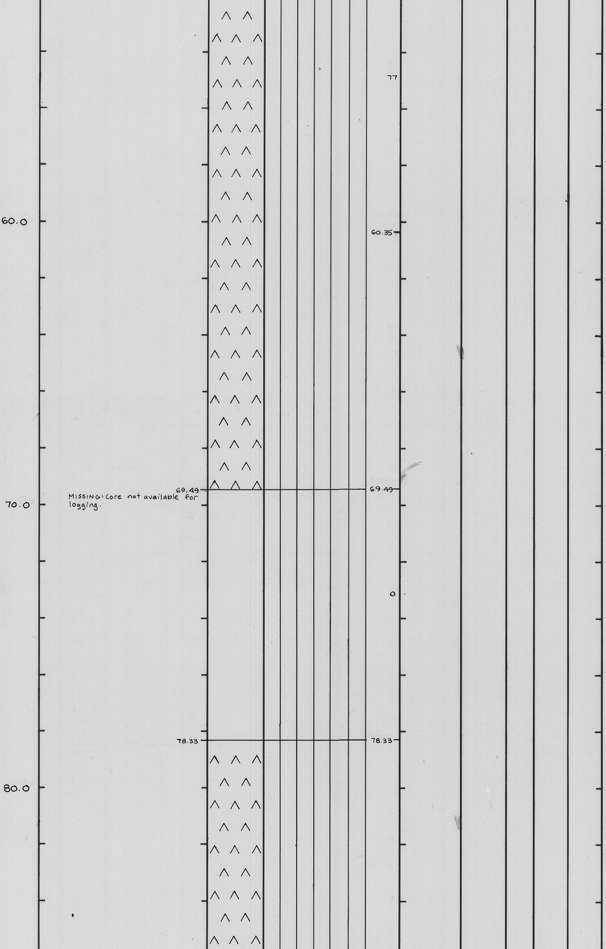
HOLE No. 80 - S10	**PROJECT** M577	**PROPERTY** WAYSIDE	**STARTED** **FINISHED**
COORDINATES **N:** 5636097 N **E:** 512282 E	**AZ.:** 215.00° **EL.:** 682.30 m	**DIP-COLLAR:** -55.0° **ACID DIP TESTS:** NO TESTS TAKEN	**T.D.** 368.50 m **LOGGED BY:** LDM

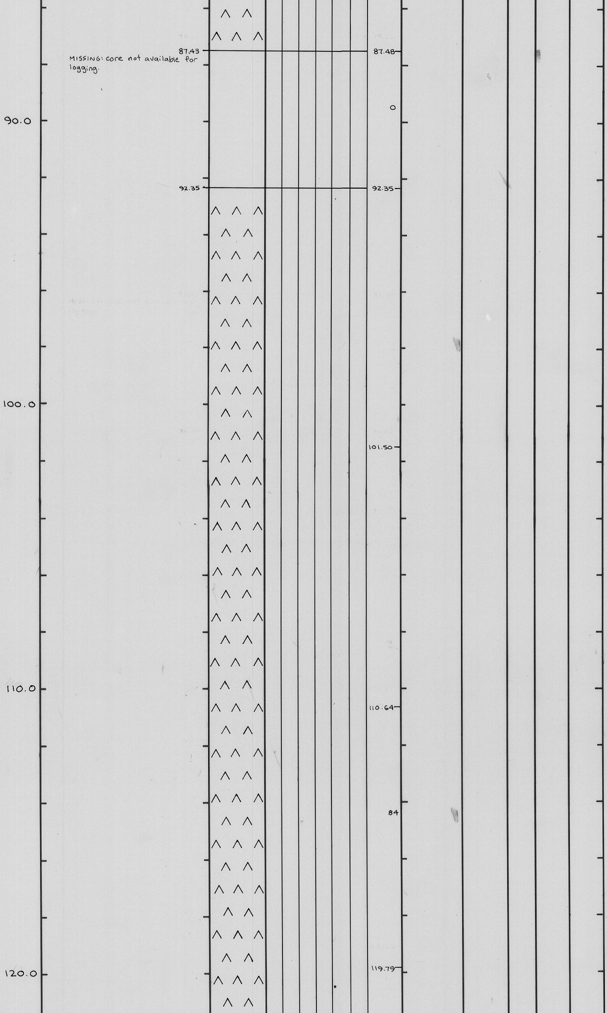
∴∴∴	OVERBURDEN	○ ○ ○	TUFF	▲ ▲ ▲	BRECCIA
b b b	BASALT	v v v	VOLC. FLOWS	※ ※ ※	STOCKWORK
◊ ◊ ◊	DYKE	─ ─ ─	PHYLLITE	Q Q Q	SILICIFIED
x x x	GRANITE	^ ^ ^	DIORITE	D D D	DOLOMITIZED
≡	SILTSTONE	s s s	SERPENTINITE	bx (d)	breccia (ted)
▦	LIMESTONE	≈	FAULT	fgm (s)	fragment (s)
▨	DOLOMITE	∼ ∼	GOUGE	mx	matrix
				vn (lt)s	vein (let) s
				str	stringer
				fcts (a)	fractures (ing)
				ss	slickenside
				diss.	disseminated
				xls	crystals
				bl.	bleached
				py	pyrite
				cr	carbonaceous

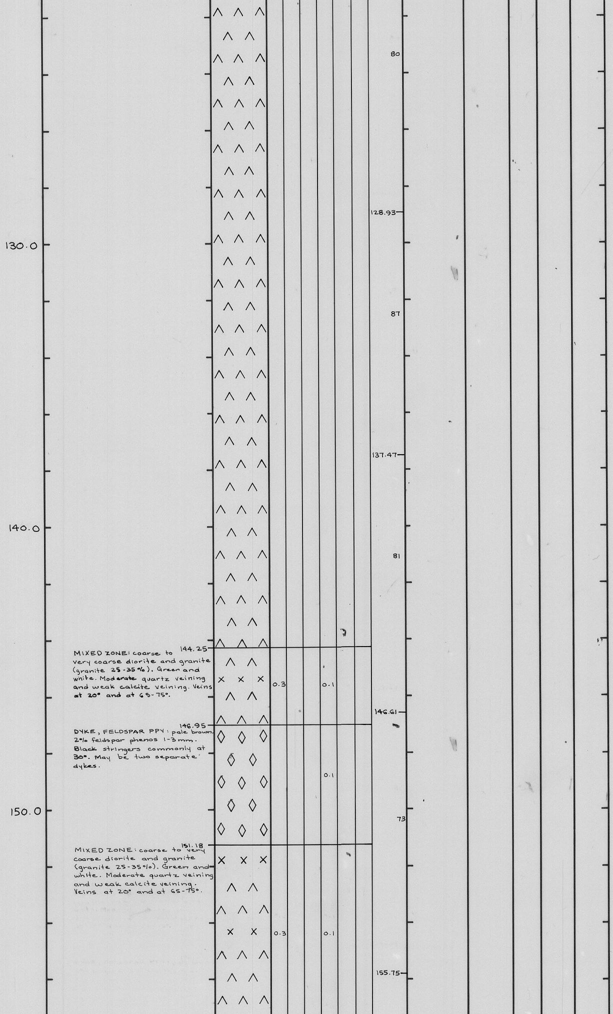
	REMARKS m		% ALTERATION SILICA	PYRITE	CLAY	CARBONATE	MARIPOSITE	CHLORITE	% RECOVERY BETWEEN BLOCKS	SAMPLE INTERVAL	SAMPLE LENGTH %REC.	ICP As ppm	Geochem Au ppb	Assay Au oz/ton
0 m	OVERBURDEN no core recovered								0					
	4.27 DIORITE: green-white; coarse equigranular. 1-2% granite bands. Very minor calcite veinlets. Very well-fractured.	^ ^ ^ ^ ^				0.3			4.27					
	6.31 GRANITE: light brown to gray-white; medium to coarse grained. Equigranular to locally porphyritic. Some fine-grained intervals. Dark gray stringers common at 15° and 45°. Fairly well fractured at 35-45°. Up to 5% biotite. Local fine-grained granite from 10.58-11.31. Pyrite in veinlets and dissem. locally to 0.1%.	x x x x x x x x x x		0.1					90					
10.0	9.38 FELDSPAR PPY DYKE: pale bn. Feld phenos to 2%, 1-3mm. Mod-intense dk gy stringers 35-45°. 10.04	◊ ◊ ◊												
		x x x x x		0.1										
	11.40 ALTERED: qz-calc and calc veining. Mariposite in veins and dk gy sulphide dissem. to 1% - chalcocite? 12.00	Q mr Q					1.0			11.40 113219H 12.00	0.60/90	<5	<5	–
		x x x							12.19					


20.0
30.0
40.0
50.0
27.31
0.1
70
22.86
70
32.31
76
41.45
82
50.90

DIORITE: variable predominantly dark green with white. Fine to coarse grained, locally porphyritic. Granite as a mix and in bands 5-7%. Trace calcite veinlets. Quartz vein 6cm wide at 163.20m. 35cm zone of weak to moderate alteration from 166.00m.


77
60.0
60.35
69.49
69.49
70.0
MISSING: Core not available for logging.
0
78.33
78.33
80.0


87.43
87.48
MISSING: core not available for logging.
90.0
0
92.35
92.35
100.0
101.50
110.0
110.64
84
120.0
119.79


130.0
140.0
150.0
80
128.93
87
137.47
81
146.61
73
155.75
0.3
0.1
0.1
0.3
0.1

144.25

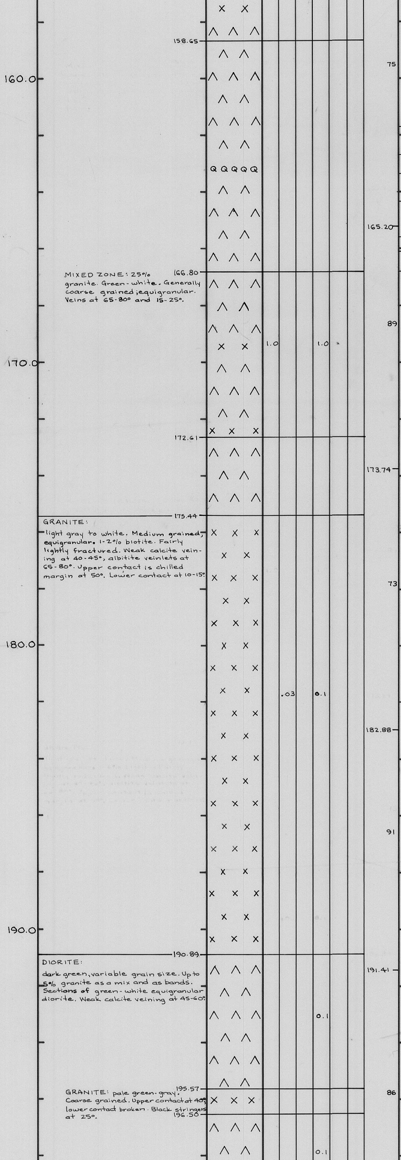
MIXED ZONE: coarse to very coarse diorite and granite (granite 25-35%). Green and white. Moderate quartz veining and weak calcite veining. Veins at 20° and at 65-75°.

146.95

DYKE, FELDSPAR PPY: pale brown. 2% feldspar phenos 1-3mm. Black stringers commonly at 30°. May be two separate dykes.

151.18

MIXED ZONE: coarse to very coarse diorite and granite (granite 25-35%). Green and white. Moderate quartz veining and weak calcite veining. Veins at 20° and at 65-75°.


158.65
160.0
75
QQQQQ
165.20
166.80
89
1.0
1.0
170.0
172.61
173.74
175.44
73
180.0
.03
0.1
182.88
91
190.0
190.89
191.41
0.1
195.57
86
196.50
0.1

MIXED ZONE: 25% granite. Green-white. Generally coarse grained; equigranular. Veins at 65-80° and 15-25°.

GRANITE:

light gray to white. Medium grained, equigranular. 1-2% biotite. Fairly lightly fractured. Weak calcite veining at 40-45°, albitite veinlets at 65-80°. Upper contact is chilled margin at 50°. Lower contact at 10-15°.

DIORITE:

dark green, variable grain size. Up to 5% granite as a mix and as bands. Sections of green-white equigranular diorite. Weak calcite veining at 45-60°.

GRANITE: pale green-gray. Coarse grained. Upper contact at 40°, lower contact broken. Black stringers at 25°.

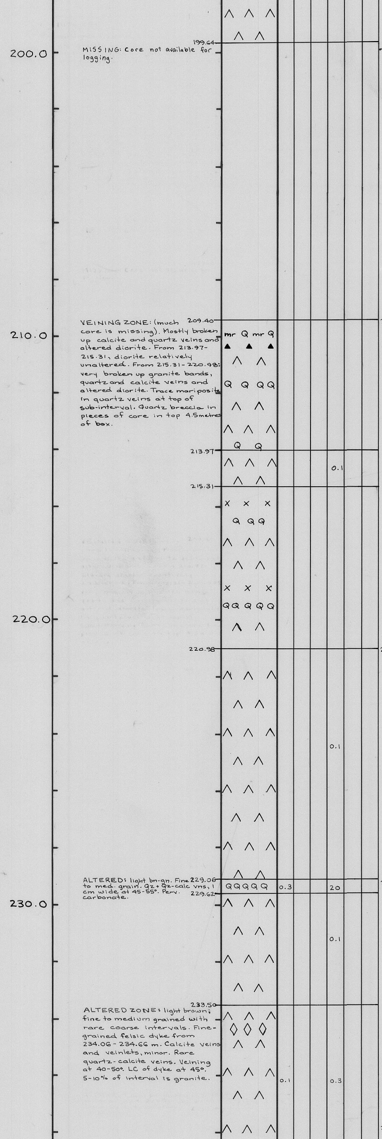
161.72–162.72 116260H	1.00/75	10	10	–
162.72–163.35 116261H	0.63/75	35	<5	–
163.35–164.35 116262H	1.00/75	10	<5	–
164.35–165.60 116263H	1.25/79	5	<5	–
165.60–166.10 116264H	0.50/89	10	<5	–
166.10–166.80 116265H	0.70/89	25	<5	–

199.64 MISSING: Core not available for logging.

209.40 VEINING ZONE: (much core is missing). Mostly broken up calcite and quartz veins and altered diorite. From 213.97-215.31, diorite relatively unaltered. From 215.31-220.98: very broken up granite bands, quartz and calcite veins and altered diorite. Trace mariposite in quartz veins at top of sub-interval. Quartz breccia in pieces of core in top 4.5metres of box.

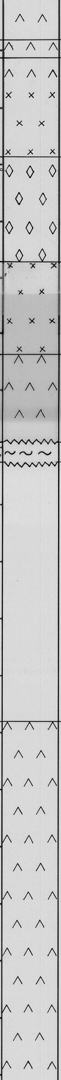
229.06 ALTERED: light bn-gn. Fine to med. grain. Qz + Qz-calc vns, 1 cm wide at 45-55°. Perv. carbonate. 229.62

233.50 ALTERED ZONE: light brown; fine to medium grained with rare coarse intervals. Fine-grained felsic dyke from 234.06 - 234.66 m. Calcite veins and veinlets, minor. Rare quartz-calcite veins. Veining at 40-50°. LC of dyke at 45°. 5-10% of interval is granite.


200.0
210.0
220.0
230.0
199.64
209.40
213.97
215.31
220.98
229.06
229.62
233.50
mr Q mr Q
0.1
0.1
0.3
20
0.1
0.1
0.3

199.64
0
209.40
36
220.98
83
229.21
87
237.74

215.69–216.42	113220H	0.73/36	<5	<5	—
219.93–220.98	113221H	1.05/36	<5	<5	—
229.06–229.62	113222H	0.56/86	10	<5	—



239.60

0.1

240.0

240.25

GRANITE:

White to gray. Coarse, equigranular. Black stringers to crackled texture. Locally porphyritic. Diorite from **240.67 - 241.15 m.**

89

243.73

DYKE: green to green-gray. Fine grained. Weakly porphyritic Light green-yellow alteration - hard, Pervasive. Biotite to 2%. LC irregular, possibly at 45°. 1% disseminated pyrite. (This unit looks identical to DDH 87-001, from 272.66 - 274.62 m).

1.0

245.97

247.40

83

250.0

250.76

DIORITE:

dark green. Fine to medium grained, equigranular. Granite interval from 347.46 - 348.24 m. Locally the diorite is pyritic to 2%. 4 cm. calcite vein at 290.15 m at 20°. Hornblende porphyry dyke from 339.85 - 340.66 m. Coarse diorite from 340.66 - 368.50 m.

253.77

FAULT ZONE: gouge at 253.77 254.15 - 254.30 m. Above is fracs. at 30° and intense alter'n. Below is limonitic granite with dissem. py to 1% and trace fine arsenopyrite.

1.0 1.0

254.51

MISSING: Core not available for logging.

254.51

253.77 113216H 254.15	0.38/83	20	25	–
113217H	0.15/83	40	25	~
254.30 113218H 254.51	0.21/83	100	10	–

0

260.0

263.65

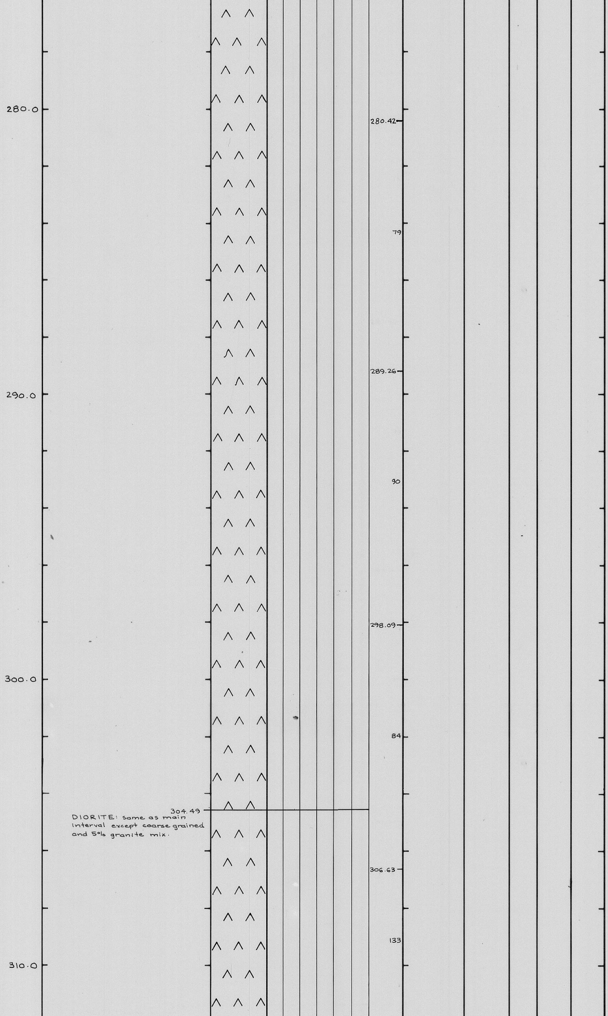
263.65

97

270.0

271.58

72


280.0
290.0
300.0
310.0
304.49
280.42
79
289.26
90
298.09
84
306.63
133

DIORITE: same as main interval except coarse grained and 5% granite mix.

314.87

DYKE: (?) dark green. Very fine to fine grained. Equigranular, weakly porphyritic. 0.5% feldspar phenocrysts up to 1 mm, trace augite phenocrysts < 1 mm. UC sharp at 60°, LC at 55°.

320.0

320.18

DYKE - FELSIC: white to light brown; Fine-grained equigranular, weakly porphyritic. 1% augite phenocrysts 1-4 mm, not well-developed crystals. UC at 55°, LC broken. Well-fractured at 45°. Disseminated sericite 3-5%. Weak limonite flecks throughout.

329.49

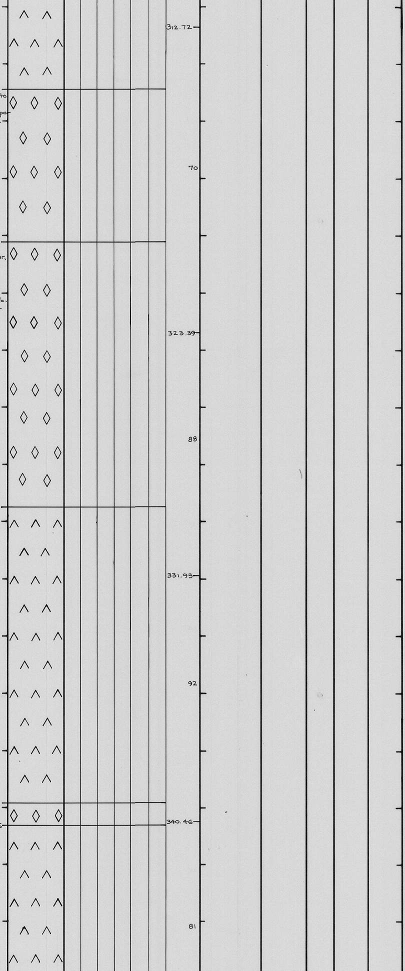
330.0

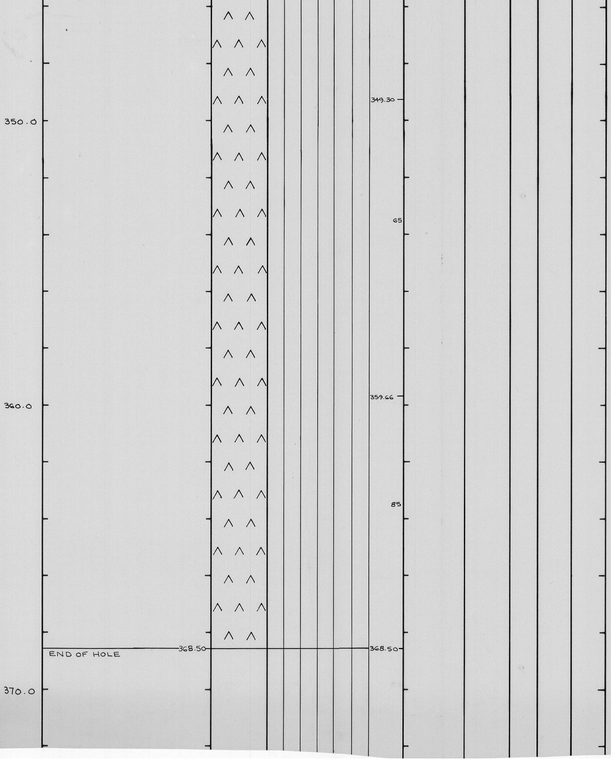
339.85

340.0

DYKE: HORNBLENDE PORPHYRY

340.66


312.72
70
323.39
88
331.93
92
340.46
81


350.0
349.30
65
360.0
359.66
85
END OF HOLE
368.50
368.50
370.0