Sample Nos.: 116266 to 116267H

841367
Wayside
84-6

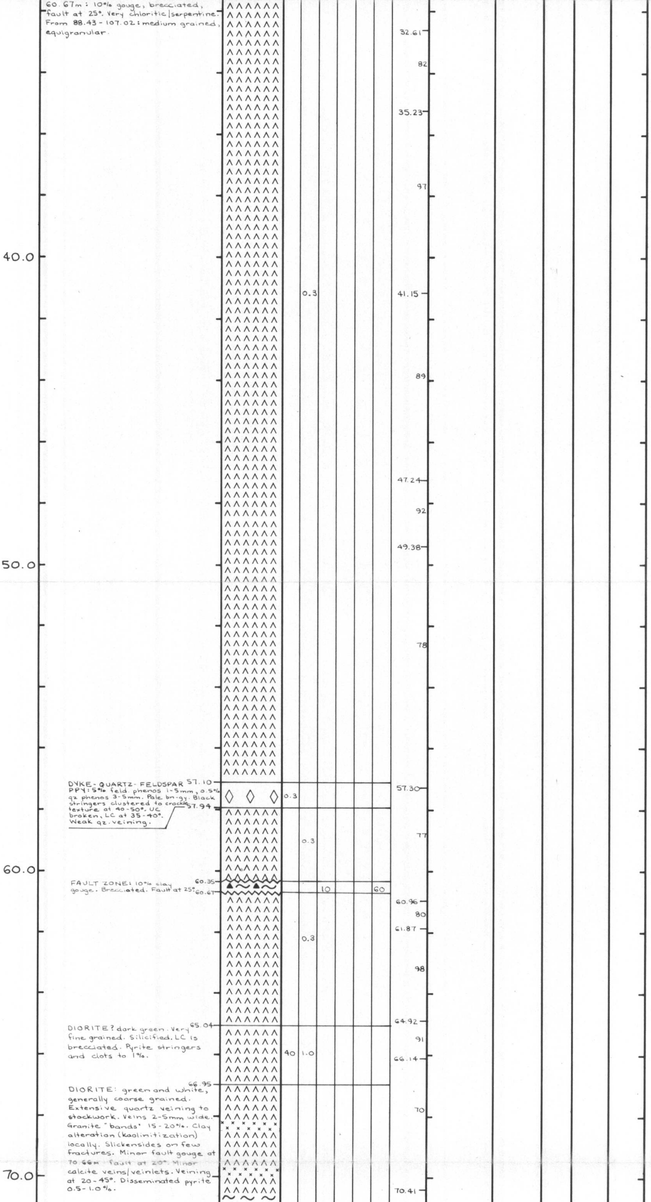
inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

CHEVRON CANADA RESOURCES

HOLE No. WS 84-006	**PROJECT** M 577	**PROPERTY** WAYSIDE	**STARTED:** 84-07-30 **FINISHED:** 84-08-05
COORDINATES **N:** 5636007 N **E:** 512260 E	**AZ.:** 213.0° **EL.:** 663.0°	**DIP-COLLAR:** -78.0° **ACID DIP TESTS:** NO TESTS TAKEN	**T.D.:** 216.41 M. **LOGGED BY:** LDM

⁚⁚⁚	OVERBURDEN	○ ○ ○	TUFF	▲ ▲ ▲	BRECCIA
b b b b b	BASALT	v v v v v	VOLC. FLOWS	⋇ ⋇ ⋇	STOCKWORK
◇ ◇ ◇	DYKE	— — —	PHYLLITE	Q Q Q Q Q	SILICIFIED
x x x x x x x	GRANITE	^ ^ ^ ^ ^	DIORITE	D D D D D	DOLOMITIZED
☰	SILTSTONE	s s s s s	SERPENTINITE	bx (d)	breccia (ted)
▦	LIMESTONE	ᨓ ᨓ	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

m	REMARKS		% 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
0.0	OVERBURDEN -no core recovered													
16.0									0					
									17.37					
17.49	GRANITE: White to pale gray. Medium to coarse grained. Equigranular. Weak to moderate black stringers at 15-30°.	x x x												
20.0		x x x							66					
		x x x							22.56					
25.60	ALTERED ZONE: medium to dark green with tan spots. Coarse grained, porphyritic. 2% augite phenocrysts 2-5mm, 5-10% altered feldspar phenos (tan) 2-6 mm. Calcareous spots and veinlets. Disseminated pyrite to 1%. Very chloritized. Calcite veinlets at 60°.	^ ^ ^	0.1	1.0		10		20	90					
29.47	DIORITE: Dark green. Grain size variable, 15% fine intervals. Equigranular to porphyritic. Weakly calcareous, locally. Granite "bands" - 5%. Pyrite disseminated to 0.5%, locally concentrated to 2%. Fault zone from 60.35-	^ ^ ^							29.87					
30.0		^ ^ ^							88					



60.67m : 10% gouge, brecciated, fault at 25°. Very chloritic/serpentine. From 88.43 - 107.02 : medium grained, equigranular.

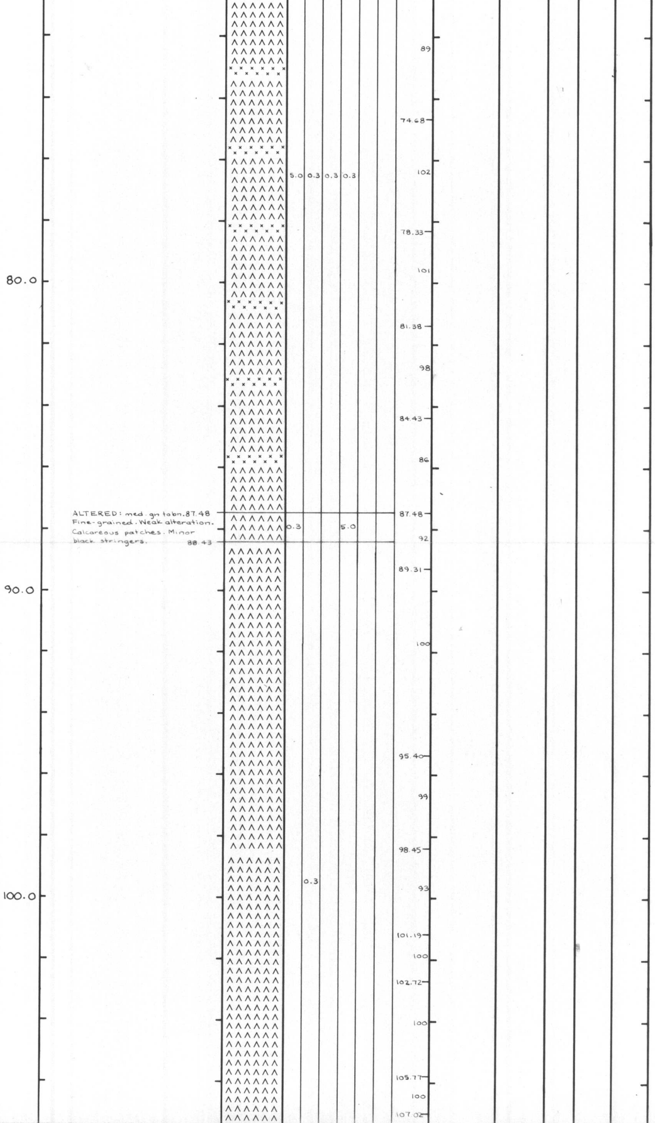
57.10 DYKE - QUARTZ - FELDSPAR PPY: 5% feld. phenos 1-5mm, 0.5% qz phenos 3-5mm. Pale bn-gy. Black stringers clustered to crackle texture at 40-50°. UC broken, LC at 35-40°. Weak qz. veining. 57.94

60.35 FAULT ZONE: 10% clay gouge. Brecciated. Fault at 25°. 60.67

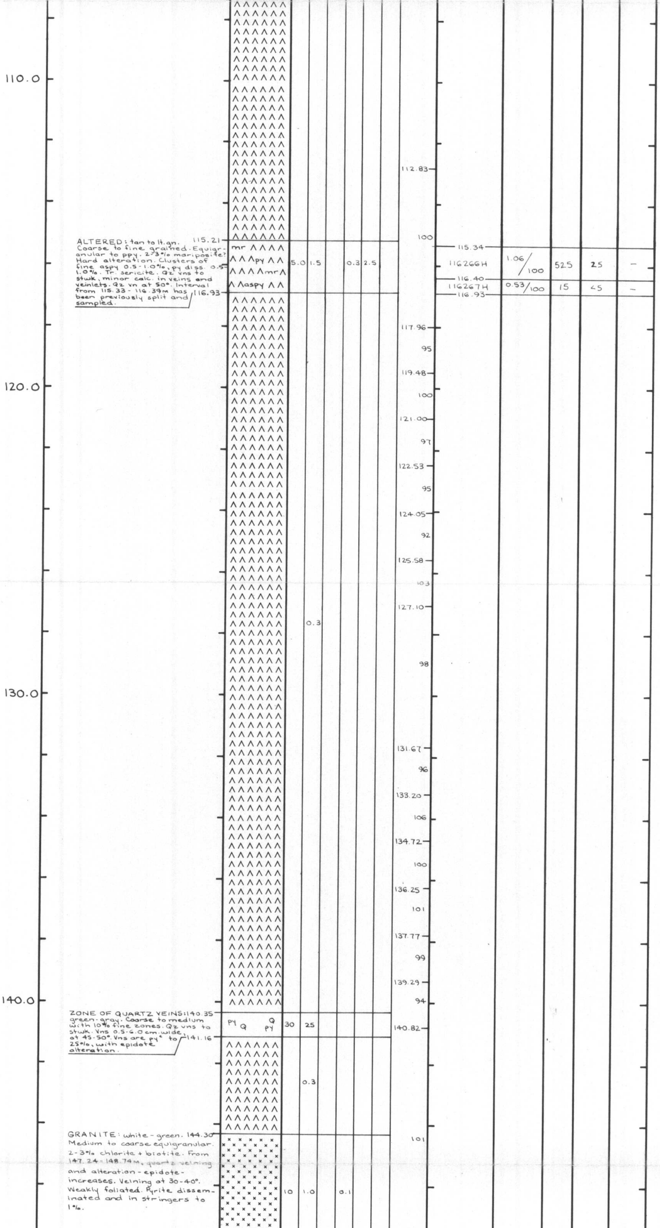
65.04 DIORITE? dark green. Very fine grained. Silicified. LC is brecciated. Pyrite stringers and clots to 1%.

66.95 DIORITE: green and white, generally coarse grained. Extensive quartz veining to stockwork. Veins 2-5mm wide. Granite "bands" 15-20%. Clay alteration (kaolinitization) locally. Slickensides on few fractures. Minor fault gouge at 70.66m fault at 20°. Minor calcite veins/veinlets. Veining at 20-45°. Disseminated pyrite 0.5-1.0%.

40.0
50.0
60.0
70.0
32.61
82
35.23
97
0.3
41.15
89
47.24
92
49.38
78
0.3
57.30
0.3
77
10
60
60.96
80
61.87
0.3
98
64.92
91
40
1.0
66.14
70
70.41


80.0
90.0
100.0
5.0
0.3
0.3
0.3
0.3
5.0
0.3
89
74.68
102
78.33
101
81.38
98
84.43
86
87.48
92
89.31
100
95.40
99
98.45
93
101.19
100
102.72
100
105.77
100
107.02

ALTERED: med. gn to bn. 87.48
Fine-grained. Weak alteration.
Calcareous patches. Minor
black stringers. 88.43

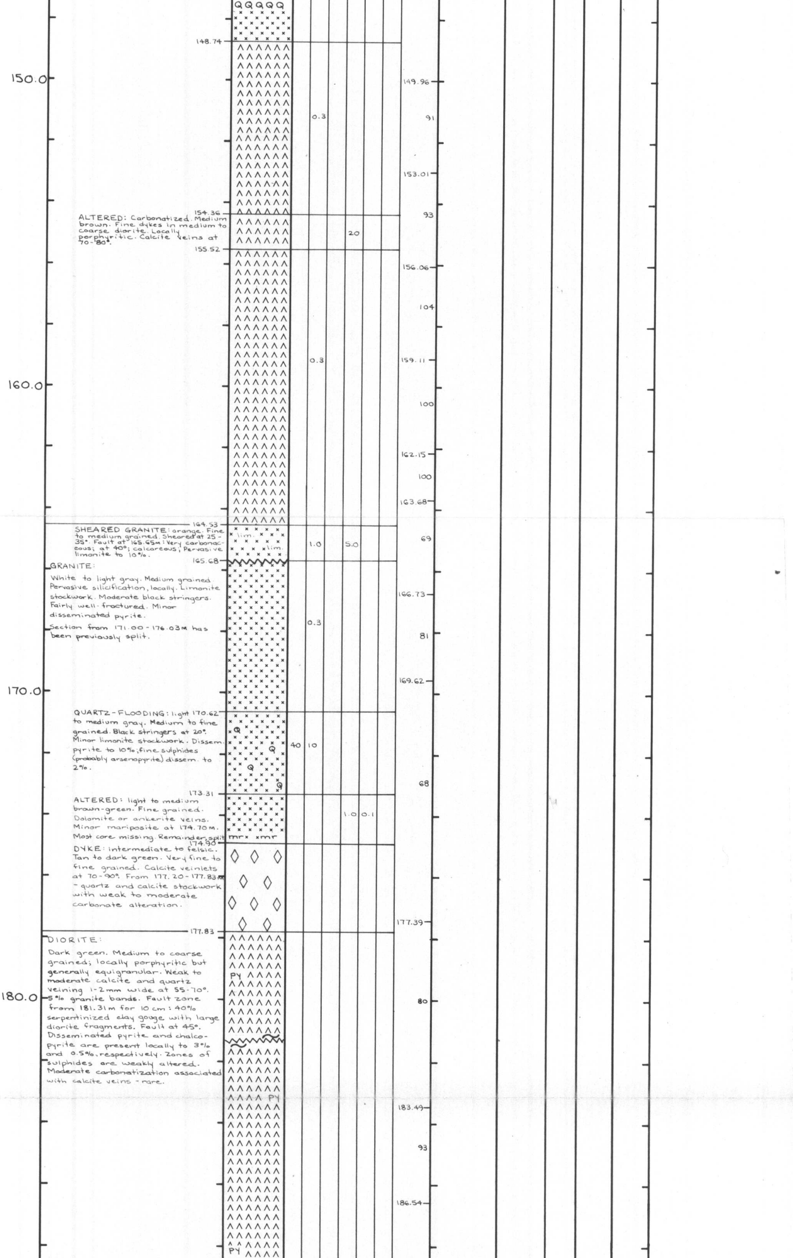

110.0
120.0
130.0
140.0
115.21
116.93
mr
py
mr
aspy
5.0
1.5
0.3
2.5
0.3
140.35
141.16
py
Q
Q
py
30
25
0.3
144.30
10
1.0
0.1
112.83
100
117.96
95
119.48
100
121.00
97
122.53
95
124.05
92
125.58
103
127.10
98
131.67
96
133.20
106
134.72
100
136.25
101
137.77
99
139.29
94
140.82
101

ALTERED: tan to lt. gn. 115.21–116.93
Coarse to fine grained. Equigranular to ppy. 2-3% mariposite? Hard alteration. Clusters of fine aspy 0.5-1.0%, py diss. 0.5-1.0%. Tr. sericite. Qz vns to stwk, minor calc. in veins and veinlets. Qz vn at 50°. Interval from 115.33 - 116.39m has been previously split and sampled.

115.34–116.40	116266H	1.06/100	525	25	–
116.40–116.93	116267H	0.53/100	15	<5	–

ZONE OF QUARTZ VEINS: 140.35–141.16
green-gray. Coarse to medium with 10% fine zones. Qz vns to stwk. Vns 0.5-6.0 cm. wide, at 45-50°. Vns are py^{c} to 25%, with epidote alteration.

GRANITE: white - green. 144.30
Medium to coarse equigranular. 2-3% chlorite + biotite. From 147.24 - 148.74m, quartz veining and alteration - epidote - increases. Veining at 30-40°. Weakly foliated. Pyrite disseminated and in stringers to 1%.


150.0
160.0
170.0
180.0
148.74
154.36
155.52
164.53
165.68
170.62
173.31
174.90
177.83
lim.
Q
mr
PY
0.3
20
0.3
1.0
5.0
0.3
40
10
1.0
0.1
149.96
91
153.01
93
156.06
104
159.11
100
162.15
100
163.68
69
166.73
81
169.62
68
177.39
80
183.49
93
186.54

ALTERED: Carbonatized. Medium brown. Fine dykes in medium to coarse diorite. Locally porphyritic. Calcite veins at 70-80°.

SHEARED GRANITE: orange. Fine to medium grained. Sheared at 25-35°. Fault at 165.65m: Very carbonaceous; at 40°; calcareous; Pervasive limonite to 10%.

GRANITE:

White to light gray. Medium grained. Pervasive silicification, locally. Limonite stockwork. Moderate black stringers. Fairly well-fractured. Minor disseminated pyrite.

Section from 171.00 - 176.03M has been previously split.

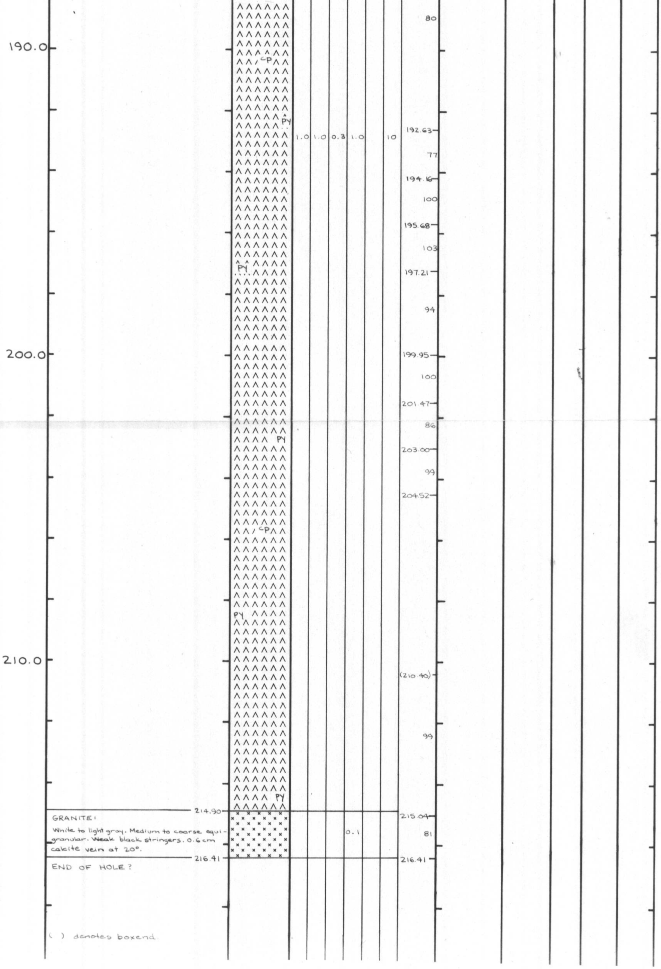
QUARTZ-FLOODING: light to medium gray. Medium to fine grained. Black stringers at 20°. Minor limonite stockwork. Dissem. pyrite to 10%; fine sulphides (probably arsenopyrite) dissem. to 2%.

ALTERED: light to medium brown-green. Fine grained. Dolomite or ankerite veins. Minor mariposite at 174.70M. Most core missing. Remainder split

DYKE: intermediate to felsic. Tan to dark green. Very fine to fine grained. Calcite veinlets at 70-90°. From 177.20 - 177.83m - quartz and calcite stockwork with weak to moderate carbonate alteration.

DIORITE:

Dark green. Medium to coarse grained; locally porphyritic but generally equigranular. Weak to moderate calcite and quartz veining 1-2mm wide at 55-70°. 5% granite bands. Fault zone from 181.31m for 10 cm: 40% serpentinized clay gouge with large diorite fragments. Fault at 45°. Disseminated pyrite and chalcopyrite are present locally to 3% and 0.5%, respectively. Zones of sulphides are weakly altered. Moderate carbonatization associated with calcite veins - rare.


190.0
200.0
210.0
CP
PY
PY
PY
CP
PY
PY
1.0
1.0
0.3
1.0
10
0.1
80
192.63
77
194.16
100
195.68
103
197.21
94
199.95
100
201.47
86
203.00
99
204.52
(210.40)
99
214.90
215.04
81
216.41
216.41

GRANITE:

White to light gray. Medium to coarse equigranular. Weak black stringers. 0.6 cm calcite vein at 20°.

END OF HOLE?

( ) denotes boxend.