841419
Wayside
85-7

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.

SAMPLE No.'s: 113277H-113282H

CHEVRON CANADA RESOURCES

HOLE No. WS 85-007	**PROJECT** M577	**PROPERTY** WAYSIDE	**STARTED** **FINISHED**
COORDINATES **N:** 5636662.0 N **E:** 512907.0 E	**AZ.:** 245° **EL.:** 658.5m	**DIP-COLLAR:** -45° **ACID DIP TESTS:** No TESTS AVAILABLE	**T.D.** 267.00 m **LOGGED BY:** MDM

▨	OVERBURDEN	o o o	GREENSTONE
b b b	BASALT	v v v	VOLC. FLOWS
◊ ◊ ◊	DYKE	— — —	CHERT
x x x	GRANITE	^ ^ ^	DIORITE
☰	ARGILLITE	s s s	SERPENTINITE
▦	LIMESTONE	ʌʌʌ	FAULT
▨	DOLOMITE	~ ~	GOUGE

▲ ▲ ▲	BRECCIA
※ ※ ※	STOCKWORK
Q Q Q	SILICIFIED
D D D	DOLOMITIZED
bx (d)	breccia (ted)
fgm (s)	fragment (s)
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
0.0	CASING: Overburden.													
10.0														

20.0

26.34

GREENSTONE:
Medium grey-green; massive to fine-grained. Faint tuffaceous texture. Minor calcite veinlets dip 35-45° and 90°. Trace red-brown hematite in carbonate veinlets.

2 cm pale green, epidote altered vein dips 10°.

30.0

Start of convoluted, gradational contact with argillite-chert below.

32.08

CHERT:
Interbedded chert and argillite; argillite to 25%. Weak ribbon banding, but texture typically extremely convoluted.

33.66

ALTERED TUFF: medium green-brown, fine grained. Texture similar to main unit. Minor calcite veinlets. Sharp upper contact with 1cm rusty-brown contact zone, dips 52°. Gradational lower contact.

35.44

White silica ribbon bands and patches to 3cm. Fractures are carbonaceous within argillite sections. Minor quartz and calcite veinlets dip 30°. Rare blebby mariposite with quartz. Disseminated to blebby pyrite. Rare pale ankeritic stringers.

40.0

41.35

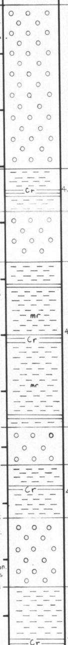
ALTERED TUFF: Medium green-brown, fine grained. Convoluted texture, weak shearing. Finely fragmental. Pale brown alteration blebs. Rare calcite veinlets. Epidote and chlorite alteration. Sharp contacts.

42.64

ALTERED TUFF: similar to 33.66-35.44. Medium green-brown, fine grained. Texture similar to main unit. Clasts of host rock to 10%. Rock is weakly sheared. Fine pale brown stringers. Strong pervasive chlorite alteration, and weak epidote alteration. Sharp contacts; UC dips 15°, LC dips 35°

44.55

47.02



26.34 – 32.08				2.0		
32.08 – 33.66	4.0	0.3		0.05	0.02	
33.66 – 35.44				0.5		8.0
35.44 – 41.35	4.0	0.3		0.05	0.02	
41.35 – 42.64				0.02		8.0
42.64 – 44.55	4.0	0.3		0.05	0.02	
44.55 – 47.02				0.02		8.0
47.02	4.0	0.3		0.05	0.02	

26.34
99
29.26
95
32.31
75
33.83
104
35.36
93
36.88
98
38.40
97
39.93
97
41.45
100
42.98
97
44.50
100
46.02
94
47.55
77

TUFF: Alteration zone. Pale grey-brown with dark grey stringers. Rare bright green mariposite flecks. Texture similar to main unit. Disseminated to blebby pyrite. Minor quartz veinlets. Rare sections of carbonaceous chert-argillite to 25 cm. Chlorite and epidote alteration. Different from above three altered tuffs. Previously split. UC dips 22°. LC dips 8°. 50.85–53.75

HORNBLENDE-FELDSPAR PORPHYRY DYKE: Matrix is medium grey, fine grained. Hornblende : Feldspar is 35:65. Hornblende is pale brown, chlorite altered. Feldspars look fresh. Lighty bleached to pale brown. Disseminated to blebby pyrite. Rare red-brown garnets in feldspars or matrix, calcite vein at 59.66m dips 38°. Sample "KMD 9/11/85 at 60.69m. 58.87–63.80

At 58.95m, core switches from NQ to BQ.

Core previously split, from 63.80 - 64.26m.

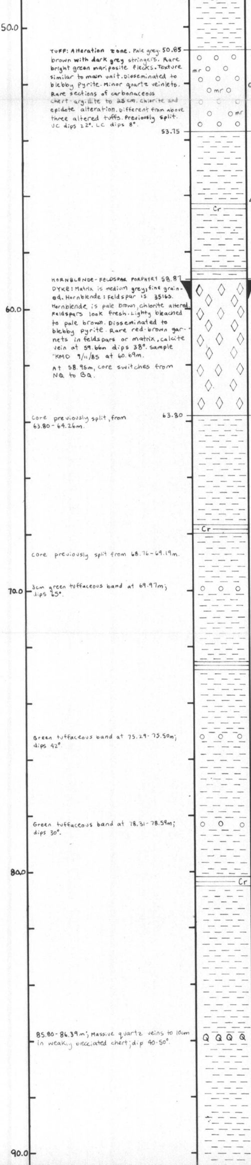
Core previously split from 68.76 - 69.19m.

3cm green tuffaceous band at 69.97m; dips 65°.

Green tuffaceous band at 75.29 - 75.50m; dips 42°.

Green tuffaceous band at 78.31 - 78.59m; dips 30°.

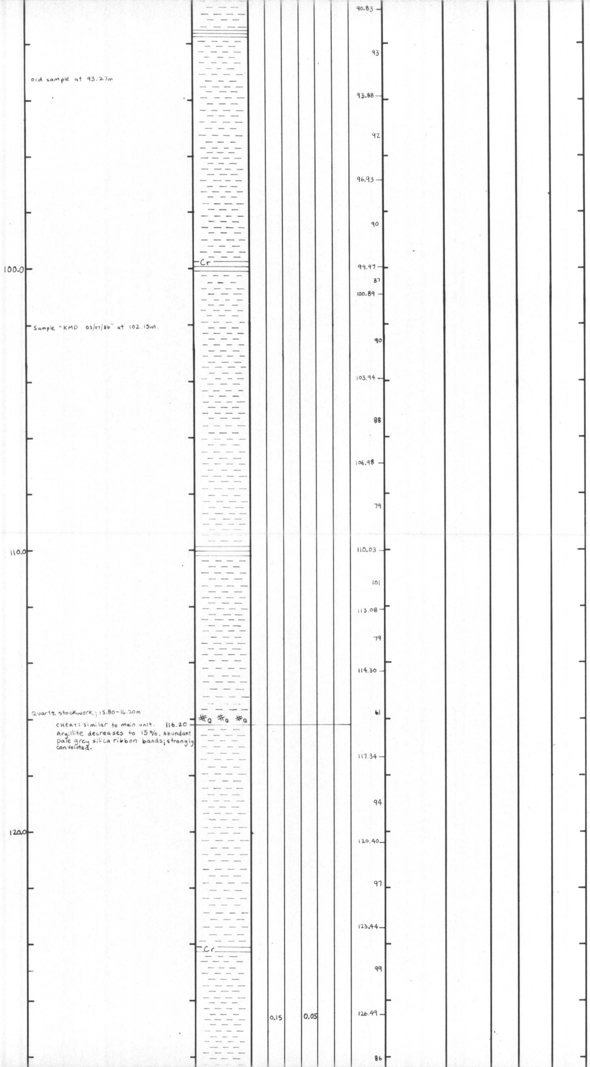
85.80 - 86.39m; Massive quartz veins to 10cm in weakly brecciated chert; dip 40-50°.



50.85–53.75	0.05	0.4			0.03	5.0
53.75–58.87	4.0	0.3		0.05	0.02	
58.87–63.80		0.4		0.1		0.5
63.80–	4.0	0.3		0.05	0.02	

49.38	88
50.90	91
52.43	94
53.95	84
55.47	98
57.00	77
60.05	96
63.09	96
66.14	100
67.36	89
69.19	98
72.24	94
75.29	63
77.11	101
80.16	95
85.34	109
86.26	84
88.70	94

50.85–51.72	113277H	0.87/91	55	<5	–
51.72–52.79	113278H	1.07/92	125	10	–
52.79–53.75	113279H	0.96/94	120	<5	–
59.23–60.20	113280H	0.97/81	<5	<5	–

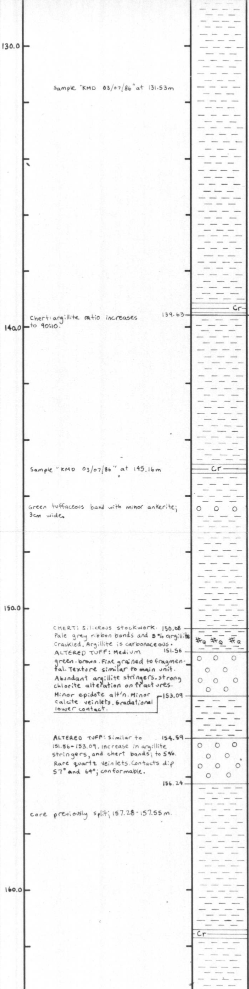


old sample at 93.27m

Sample "KMD 03/07/86" at 102.15m.

Quartz stockwork; 15.80-16.20m

CHEAT: similar to main unit. 116.20
Argillite decreases to 15%. Abundant pale grey silica ribbon bands; strongly convoluted.



Sample "KMD 03/07/86" at 131.53m

139.63 Chert: argillite ratio increases to 90:10.

Sample "KMD 03/07/86" at 145.16m

Green tuffaceous band with minor ankerite; 3cm wide.

CHERT: Siliceous stockwork. 150.68 Pale grey ribbon bands and 5% argillite crackled. Argillite is carbonaceous.

ALTERED TUFF: Medium 151.56 green-brown. Fine grained to fragmental. Texture similar to main unit. Abundant argillite stringers. Strong chlorite alteration on fractures. Minor epidote alt'n. Minor calcite veinlets. Gradational lower contact. 153.09

ALTERED TUFF: Similar to 154.59 151.56-153.09. Increase in argillite stringers, and chert bands; to 5%. Rare quartz veinlets. Contacts dip 57° and 64°; conformable. 156.24

core previously split; 157.28-157.55 m.

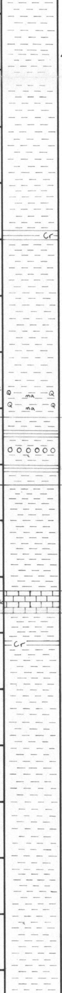
145.16	4.0	0.3		0.05	0.02	
150.68-151.56		0.15				
151.56-153.09		0.05		0.5		8.0
153.09-154.59	4.0	0.3		0.05	0.02	
154.59-156.24	0.02	0.05		0.2		4.0

129.84	
	82
132.89	
	58
138.99	
	101
140.21	
	78
142.34	
	87
142.95	
	83
145.08	
	95
151.18	
	86
154.23	
	93
157.28	
	88
160.20	
	87
162.76	

170.0

180.0

190.0



4.0	0.3	0.05	0.02	
	0.05	0.10		4.0
4.0	0.3	0.05	0.02	
	0.05	3.0		

Silica-rich section; 177.38-177.94m. Minor pyrite and trace chalcopyrite. Previously split.
Trace Malachite. 177.94-178.20m; also split.

CHERT: chert and argillite 178.36 is interbedded with green-brown altered tuff. Ankeritic stringers within tuff. Textures similar to main unit. Minor calcite veinlets and clots. Minor disseminated pyrite. Pervasive chlorite-epidote alteration of tuff layers.
180.75

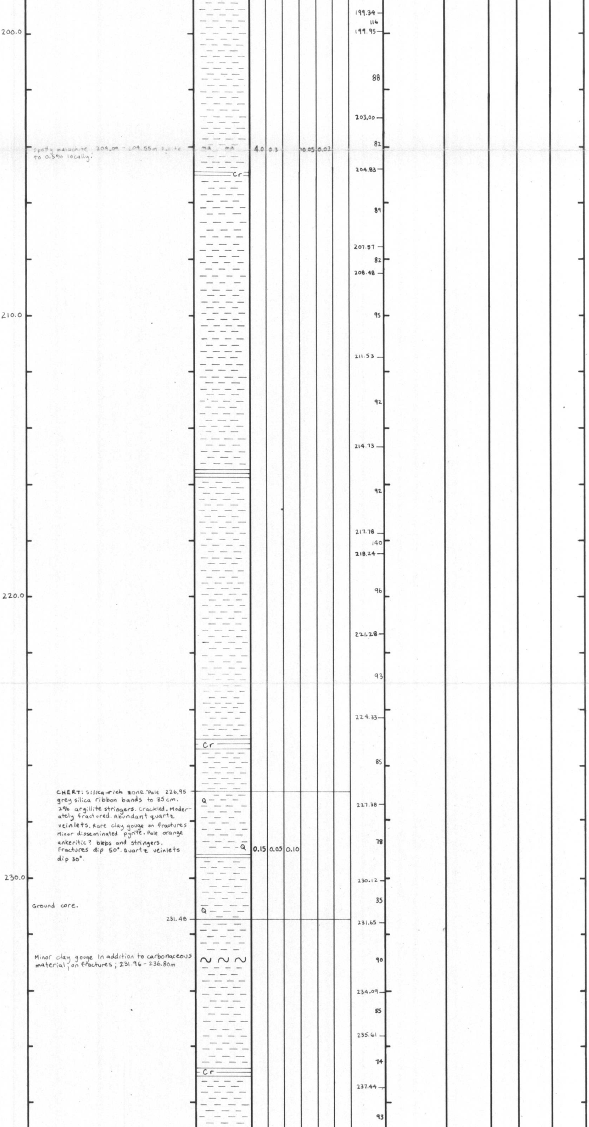
LIMESTONE: Dark grey, fine 184.54 grained. Weakly crackled. Minor calcite veinlets dip 70°. Trace pyrite. Conformable contacts dip 58°
185.30

old sample at 187.45m

Weak shearing and mylonitization; dips 46°; 189.79-190.06m

	90
165.81	
	80
169.16	
	92
172.21	
	96
175.26	
	88
178.31	
	93
181.36	
	98
184.40	
	99
187.45	
	97
190.50	
	95
193.55	
	97
196.60	
	76

177.38 113281H 177.94	0.56/88	20	<5	–
113282H 178.20	0.26/88	125	<5	–

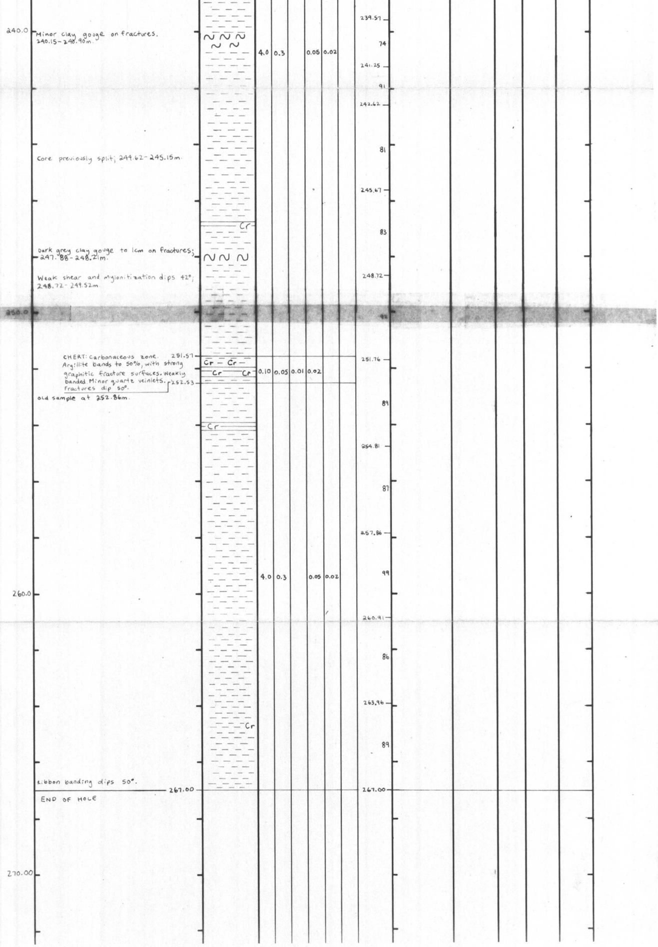


Spotty malachite 204.0m – 204.55m Pyrite to 0.5% locally.

CHERT: Silica-rich zone. Pale grey silica ribbon bands to 35 cm. 2% argillite stringers. Crackled. Moderately fractured. Abundant quartz veinlets. Rare clay gouge on fractures. Minor disseminated pyrite. Pale orange ankeritic? blebs and stringers. Fractures dip 50°. Quartz veinlets dip 30°.

Ground core.

Minor clay gouge in addition to carbonaceous material, on fractures; 231.96 – 236.80m



Minor clay gouge on fractures. 240.15–240.90m.

Core previously split; 244.62–245.15m.

Dark grey clay gouge to 1cm on fractures; 247.88–248.21m.

Weak shear and mylonitization dips 42°; 248.72–249.52m.

251.57

CHERT: Carbonaceous zone. Argillite bands to 50%, with strong graphitic fracture surfaces. Weakly banded. Minor quartz veinlets. Fractures dip 50°.

252.53

old sample at 252.86m.

Ribbon banding dips 50°.

267.00

END OF HOLE