841392
Wayside
85-01

SAMPLE No's: 113290H - 113295H

CHEVRON CANADA RESOURCES

HOLE No. WS 85-001	**PROJECT** M577	**PROPERTY** WAYSIDE	**STARTED** **FINISHED**
COORDINATES **N:** 5635251.0 N **E:** 511816.0 E	**AZ.:** 263° **EL.:** 695.0m	**DIP-COLLAR:** -71.0° **ACID DIP TESTS:** NO TESTS AVAILABLE	**T.D.** 149.96m **LOGGED BY:** MDM

⁘	OVERBURDEN	o o o o o o o	GREENSTONE	▲ ▲ ▲ ▲ ▲	BRECCIA
b b b b b	BASALT	v v v v v	VOLC. FLOWS	⋇ ⋇ ⋇ ⋇ ⋇	STOCKWORK
◇ ◇ ◇ ◇ ◇	DYKE	— — —	CHERT	Q Q Q Q Q	SILICIFIED
x x x x x x x	GRANITE	^ ^ ^ ^ ^	DIORITE	D D D D D	DOLOMITIZED
☰	ARGILLITE	s s s s s	SERPENTINITE	bx (d)	breccia (ted)
▦	LIMESTONE	ʌʌʌ ʌʌʌ	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	CASING: Overburden								0					
4.40	DIORITE: Limonitic fractures and stringers. Slight increase in pyrite. Otherwise, identical to main unit. DIORITE: Dark grey to medium grey-green. Fine to medium grained, occasionally porphyritic. Crackled, with abundant dark grey siliceous stringers. Minor quartz and calcite veins dip 50° and 80°, and as random stringers. Mafics chloritized. Granite phases to 5%. Minor disseminated to blebby pyrite.	Λ Λ Λ Λ Λ Λ	2.5	0.1		0.1		1.0	4.40 4.57 100 64 5.18 102					
7.21		Λ Λ Λ Λ Λ Λ	2.5	0.08		0.1		1.0	7.92 102					
9.24 10.0	PORPHYRITIC ZONE: In diorite similar to main unit. Dark grey, fine-grained matrix. White subhedral feldspar +/- quartz phenocrysts to 20%. Crackled texture. Minor quartz and calcite veins dip 48-55° AND 80°. Siliceous. Sharp upper contact dips 70°; Lower dips 22°.	Λ Λ Λ Λ Λ Λ	3.0	0.08		0.1			9.45 99					
11.00		Λ Λ Λ Λ Λ Λ	2.5	0.08		0.1		1.0	10.97					

inches
0 1
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centimetres
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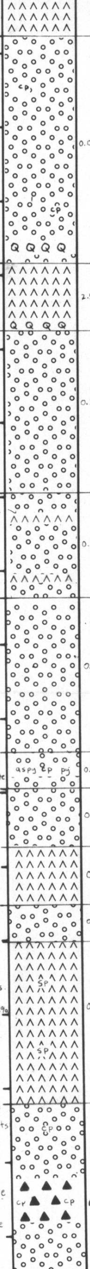


20.0

30.0

40.0

13.27	**GREENSTONE:** Khaki-green with dark grey stringers and rare, thin interbedded argillite, to 3%. Fine grained, fragmental to lapilli size. Crackled. Rare pale green blebs, could be chlorite alteration. Pale green chlorite + talc on fractures. Weakly calcareous. Minor disseminated to blebby pyrite. Trace chalcopyrite. Quartz and quartz-calcite veins dip 60-70°. Rare black chloritic flecks. UC dips 64°, LC dips 55°. Quartz vein at 19.15m dips 58°	0.05	0.08	1.5	0.15
19.67	Diorite becomes more felsic. 15cm quartz vein dips 58°. Previously split.	2.5	0.08	0.1	1.0
23.48	**GREENSTONE:** Dark green to khaki. Fine to very fine grained. Weak tuffaceous texture. Weakly crackled. Moderately calcareous. Minor calcite and quartz-carbonate veins dip 58°. Occasional zones of 1mm calcite amygdoules. 1mm black chlorite flecks scattered throughout, to 0.2%. Disseminated to blebby pyrite. Local fragmental zones; fragments to 1cm. Rare zones to 3cm of epidote and pyrite in vein structures. Local sections with 5-10mm pale green blebs, rarely surrounding blebby sulphides. Pyrite locally to 3%.	0.2	0.4	0.2	0.2
25.89	**GREENSTONE:** with diorite injections to 40cm; typically <10cm. Diorite similar to 7.21-9.24m. Fragments of greenstone found within diorite. Strongly crackled.	0.2	0.4	0.2	0.2
28.77		0.2	0.4	0.2	0.2
32.90	**ALTERATION ZONE:** Khaki, fine grained to fragmental. Quartz veins to 1cm, dip 58°. Increase in pyrite. Minor disseminated chalcopyrite and arsenopyrite. Previously split. Gradational.	0.5	1.2		
33.87		0.2	0.4	0.2	0.2
35.50	**DIORITE:** Dark grey, medium grained. Weakly feldspar porphyritic. Crackled. Minor quartz and calcite veinlets dip 60°. Weakly chloritized. UC dips 35°; LC in broken rock.	0.2	0.05	0.2	1.0
37.07		0.2	0.4	0.2	0.2
38.05	**DIORITE:** Dark grey. Fine to very fine grained. 90% mafics. Weak chloritization, especially on fractures. Strongly crackled with abundant dark grey stringers. Rare quartz stringers. Minor blebby pyrite; often with red-brown disseminated sphalerite to 0.3%. Sharp contacts: UC dips 40°. LC dips 10°.	0.05	0.8		
42.54	**GREENSTONE:** Dark grey to muddy-green. Variable, mottled to crackled texture. Minor calcite veinlets dip 55°. White calcite amygdoules throughout. Chloritic fractures. Rare dark grey, siliceous, strongly crackled zones. Minor disseminated pyrite and trace chalcopyrite. 44.46-45.60m; brecciated, with epidote alteration of fragments; mostly greenstone and silica. Interstitial pyrite to 2.5%. Blebby chalcopyrite to 0.5%. Gradational contacts.	0.2	2.0	0.5	1.0

14.02	
	75
17.07	
	82
17.98	
	95
20.12	
	112
22.86	
	90
26.52	
	100
29.57	
	96
32.61	
	96
35.66	
	99
38.71	
	99
41.76	
	97
44.81	
	98

32.90 – 33.87	113290H	0.97/96	270	100	–
44.47 – 45.59	113291H	1.12/98	<5	<5	–

48.36

CONGLOMERATE: Matrix supported. Fragments 40%, locally to 75%. 15% silica, 85% greenstone; Fragments typically epidote +/- ankerite altered. Minor quartz and calcite veinlets dip 60°. weak elongation of fragments at end of section dips 40°. 49.73 - 50.35m, minor quartz stockwork with ankeritic stringers. UC dips 60°, LC dips 35°.

50.0

50.76

GREENSTONE: Abundant dark grey stringers, and injections of dark grey fine grained diorite. Crackled. weak porphyritic texture. Minor blebby pyrite. Gradational lower contact.

54.65

Pyrite increases to 1.5%; 54.65-64.91m.

60.0

64.44m; 15cm epidote vein dips 72°. Pyrite in selvages.

64.91

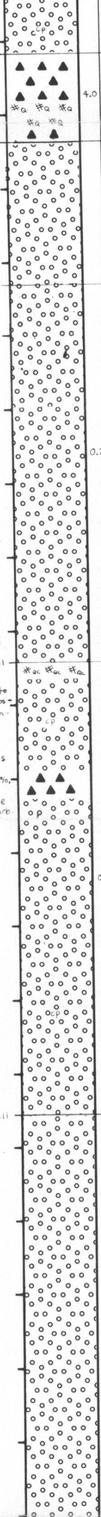
GREENSTONE: Dark grey-green. Variable texture from fine-grained and weakly crackled, to brecciated, to convoluted with abundant anastamosing quartz and calcite stringers. Convoluted sections possibly weakly sheared, dips 10°. Dark grey diorite injections to 8cm. Local weak silicified zones. Brecciated sections are fragment supported, to 75% fragments. Greenstone 85%, silica 15%. Blebby pyrite, trace chalcopyrite throughout. 5cm quartz-carbonate stockwork at 64.91m. quartz-carbonate vein at 69.71m dips 51°

70.0

77.11

80.0

81.17 - 81.27m; Previously split.



48.36 – 50.76	4.0	0.1		2.5		
50.76 – 54.65		0.05		0.2		
54.65 – 64.91	0.2	0.4		0.2		0.2
64.91 – 77.11	0.4	1.0		0.4		2.0

48.73					
	113292 H	1.00/88	55	<5	–
49.73					
	113293 H	0.62/88	35	<5	–
50.35					

47.85	
	88
50.60	
	95
53.04	
	110
53.95	
	97
57.00	
	98
60.05	
	99
63.09	
	101
66.14	
	100
69.19	
	99
72.24	
	102
73.46	
	101
75.29	
	85
77.42	
	115
78.33	
	93
80.77	
	105
81.38	
	100
83.82	
	97
86.87	
	88

Increase in pyrite to 3%, often in fractures. Chalcopyrite to 0.5%

Pyrite decreases to 0.4%

105.33 **INTERMEDIATE DYKE:** Dark green, very fine grained. Minor quartz and calcite veins dip 68°. Scattered orange alteration flecks. Weak clay gouge and chlorite + talc on fracture surfaces. Strong gouge 107.17 - 107.65m and 108.00 - 108.18m, on fractures. Bleached to tan colour along fractures from 106.35m, and pervasively from 106.64 - 108.85m. Unaltered sections weakly calcareous. Greenstone band, 10cm, at 105.43m. Fine, blebby sulphides only in bleached sections.

108.85 **FELSIC DYKE:** tan to medium grey. Moderately crackled and brecciated. Fragments 75% where brecciated; 20% silica, 80% dyke material 110.02-115.66m. Quartz stockwork 109.60 - 110.02 in brecciated material with minor clay gouge, spotty mariposite, arsenopyrite, pyrite and ankeritic stringers.

110.02 **FELSIC DYKE:** Pale tan-grey, very fine grained. Pale orange limonitic blebs to 3mm, rarely with pyritic cores. Disseminated pyrite as aggregate blebs. Quartz veins to 25cm beyond above stockwork. Minor pale grey clay coating on fractures. Weakly bleached. Increase in fracturing toward 115.66m. Mixed with diorite in bottom 45cm of interval. UC dips 52°.

115.66 **FAULT ZONE:** Fault at 115.75m dips 25°. Weakly sheared texture. Contact with diorite is quartz vein dipping 51°. Mixed tan-grey. Friable. Strong clay gouge.

116.28 **DIORITE:**

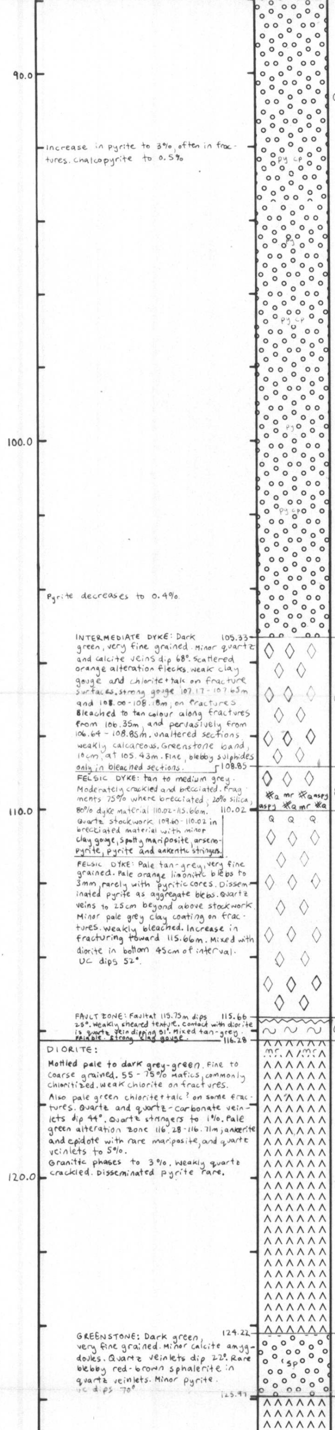
Mottled pale to dark grey-green. Fine to coarse grained. 55 - 75% mafics, commonly chloritized. Weak chlorite on fractures.

Also pale green chlorite + talc? on some fractures. Quartz and quartz-carbonate veinlets dip 44°. Quartz stringers to 1%. Pale green alteration zone 116.28-116.71m, ankerite and epidote with rare mariposite, and quartz veinlets to 5%.

Granitic phases to 3%. Weakly quartz crackled. Disseminated pyrite rare.

124.22 **GREENSTONE:** Dark green, very fine grained. Minor calcite amygdules. Quartz veinlets dip 22°. Rare blebby red-brown sphalerite in quartz veinlets. Minor pyrite. UC dips 70°

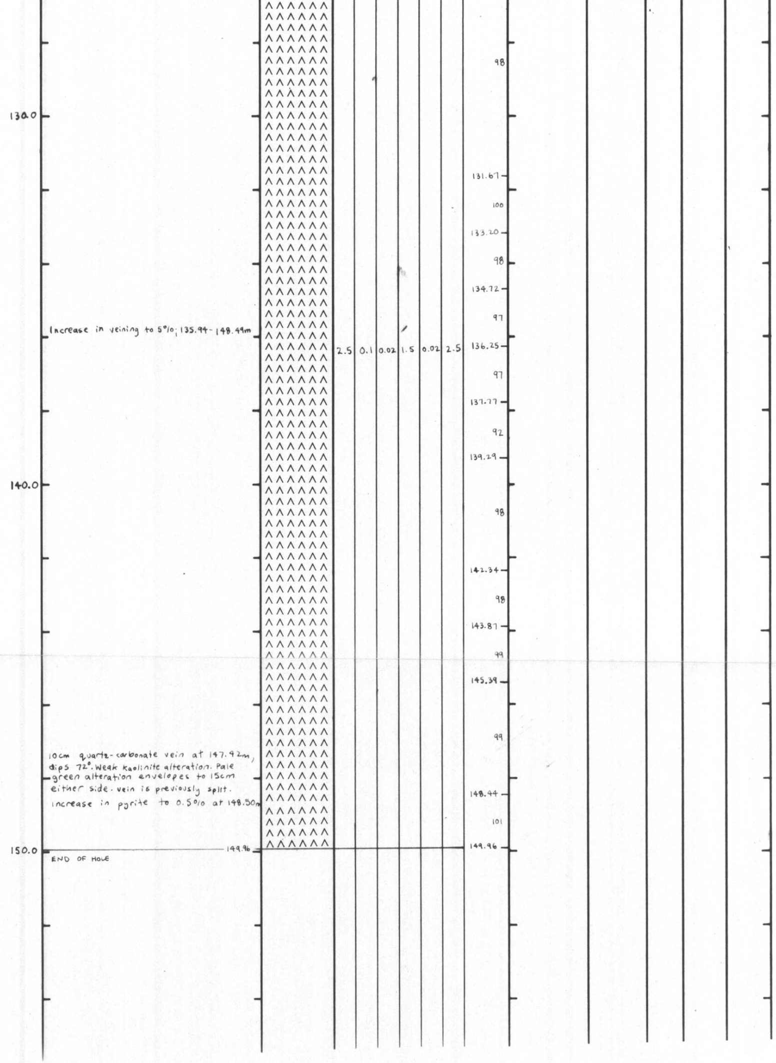
125.97



	0.2	0.4		0.2		0.2
105.33	0.3	0.8	4.0	0.3		
108.85	8.0	0.1	2.0	0.1	0.08	
110.02	1.2	0.3	0.1			
115.66	0.3	0.05	6.0	0.08		
116.28	2.5	0.1	0.02	1.5	0.02	2.5
124.22	1.0	0.05		0.8		

88.39	
	88
90.53	
	68
92.35	
	112
94.49	
	99
95.40	
	87
98.15	
	95
99.67	
	97
101.19	
	99
102.72	
	94
104.24	
	97
105.77	
	96
107.29	
	92
109.73	
	115
110.34	
	99
111.86	
	97
113.39	
	101
114.91	
	95
116.43	
	101
117.96	
	99
119.48	
	98
121.01	
	95
122.53	
	103
124.05	
	99
125.58	

109.36					
113294H	0.66/103	1975	590	–	
110.02					
113295H	0.32/115	20	60	–	
110.34					



Increase in veining to 5%; 135.94-148.49m

10cm quartz-carbonate vein at 147.42m, dips 72°. Weak kaolinite alteration. Pale green alteration envelopes to 15cm either side. vein is previously split.

increase in pyrite to 0.5% at 148.50m

END OF HOLE