842161

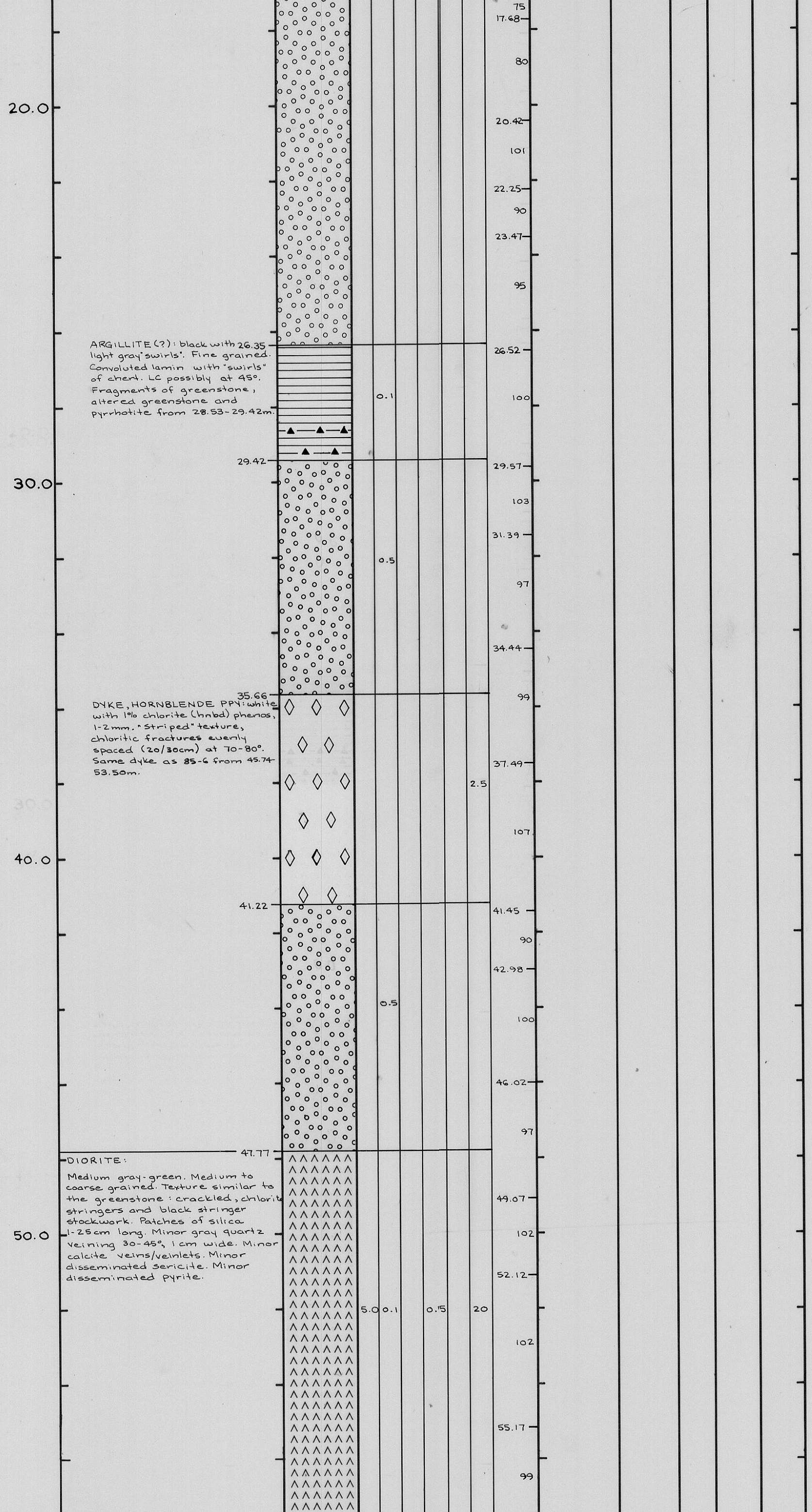
inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
BRITISH COLUMBIA GEOLOGICAL SURVEY

CHEVRON CANADA RESOURCES

HOLE No. WS 85-005	PROJECT M577	PROPERTY WAYSIDE	STARTED: FINISHED:
COORDINATES N: 5635430 N E: 511656 E	AZ.: 270° EL.: 763.0 M	DIP-COLLAR: -45.0° ACID DIP TESTS: No TESTS TAKEN	T.D.: 155.40 m LOGGED BY: LDM

▨	OVERBURDEN	○ ○ ○	GREENSTONE	▲ ▲ ▲	BRECCIA
b b b	BASALT	V V V	VOLC. FLOWS	⋕ ⋕ ⋕	STOCKWORK
◊ ◊ ◊	DYKE	— — —	CHERT	Q Q Q	SILICIFIED
X X X	GRANITE	^ ^ ^	DIORITE	D D D	DOLOMITIZED
☰	ARGILLITE	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

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	OVERBURDEN: No core recovered.								9					
3.05	DIORITE: Green with white. Fine to med. grain, 15% coarse. 10% granite mix. Moderate quartz veining to stockwork 1-5mm wide. Xenoliths (?) of greenstone. Minor limonitic fractures.	^ ^ ^							3.35					
									83					
			2.5	0.1					4.88					
									97					
									6.40					
7.20	GREENSTONE: Medium to dark green. Fine grained to aphanitic, locally. Faint laminations - convoluted and crackled. Laminations at 0-45°. Locally fragmented and lighter green; Fragmental greenstone common: lighter green, locally brecciated, local minor epidote. (Fragmental sections similar to 85-1, from 32.80-33.80 m). Disseminated pyrite to 0.5%, pyrrhotite to 0.1%, chalcopyrite to 0.2%.	○ ○ ○							93					
									7.92					
									96					
									9.45					
10.0									106					
									10.97					
									100					
									12.50					
									100					
									14.02					
									107					
				0.5					15.54					
									101					
									17.07					



ARGILLITE (?): black with light gray "swirls". Fine grained. Convoluted lamin with "swirls" of chert. LC possibly at 45°. Fragments of greenstone, altered greenstone and pyrrhotite from 28.53-29.42m.

DYKE, HORNBLENDE PPY: white with 1% chlorite (hnbd) phenos, 1-2mm. "Striped" texture, chloritic fractures evenly spaced (20/30cm) at 70-80°. Same dyke as 85-6 from 45.74-53.50m.

DIORITE:

Medium gray-green. Medium to coarse grained. Texture similar to the greenstone: crackled, chlorit stringers and black stringer stockwork. Patches of silica 1-25cm long. Minor gray quartz veining 30-45°, 1 cm wide. Minor calcite veins/veinlets. Minor disseminated sericite. Minor disseminated pyrite.

60.0

58.22

BROKEN ZONE: some quartz veins, 1-2cm wide, at 80°. Same as main interval but very broken up.

59.24

60.91

GREENSTONE: (?)

Medium to lighter green. Fine to "coarse" grained, locally tuffaceous. Locally laminated. UC is 21cm zone of dark brown clay (gouge?) at 40°, sharp. Patches and irregular bands of quartz with and without coarse pyrite. Highly variable textures and grain sizes. Banding at 40-50°. Rare bands with coarse pink crystals - possibly K-spar or hematitic. LC sharp at 60°. Pyrite disseminated to 2%, pyrrhotite 1-2%, chalcopyrite to 0.25%.

70.0

80.0

84.28

84.55

BROKEN ZONE: FAULTED? very crumbly. Carbonaceous clays. Very minor chert bands.

85.90

CHERT:

White to gray with black argillite laminations. Ribbon texture and convoluted. 2-5% argillite. Limonite stringers to 0.1%. Banding at 60-70°. Minor to moderate quartz veining with disseminated pyrite. Local bands of bleached greenstone with much limonite stringers at 30-45°. Greenstone bands up to 30cm long, 10% of total interval. Pyrite disseminated in argillite bands, 2-3%.

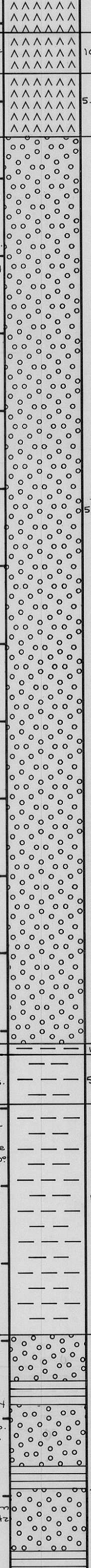
90.0

91.82

INTERBEDDED GREENSTONE AND ARGILLITE:

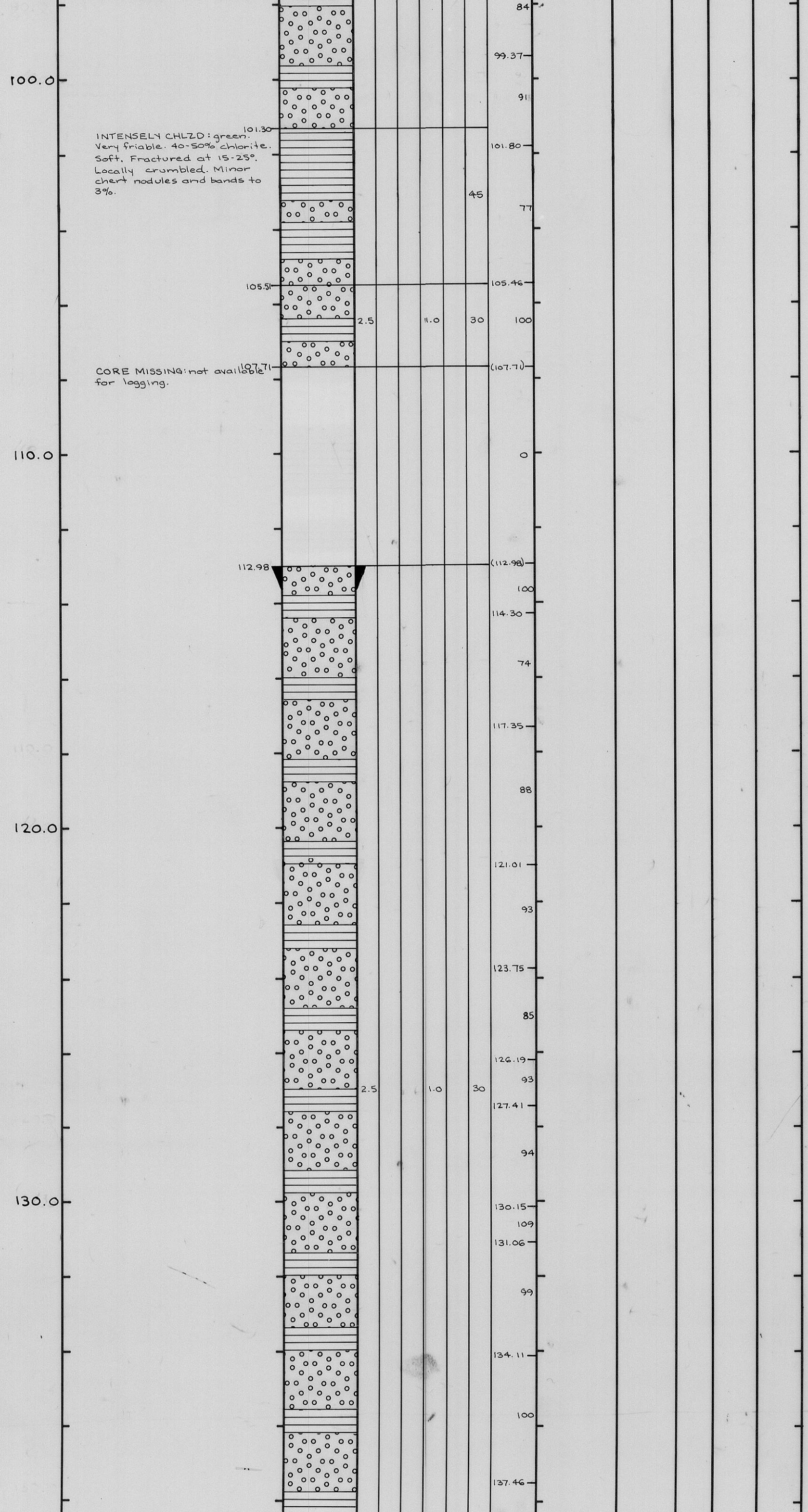
medium green and black bands. Fine grained. Greenstone 60%, argillite 40%. Laminated to well-bedded, commonly at 25°. Intensely chlorite altered. Locally fissile. Minor chert bands, 1-2cm, to 3%. Calcite blebs and discontinuous stringers to 1%. Greenstone locally bleached. Quartz and quartz-calcite veins 2-10mm. Veining weak to moderate. After 112.98m: bedding, fractures, veins at 45-60°, more competent. From 124.00 - 133.00m, increased quartz and quartz-calcite veining; associated bleaching common.

Reduced to BQ core at 112.98m.



58.22	59.24	10					
59.24	60.91	5.0	0.1		0.5		20
60.91	84.28	5.0	2.5	0.1	1.0		
84.28	84.55	1.0	2.5				
84.55	85.90	5.0		50			
85.90	91.82	1.0	2.5				
91.82		2.5			1.0		30

58.22	60.05	65
60.05	63.09	97
63.09	66.14	99
66.14	69.19	100
69.19	71.93	101
71.93	74.98	85
74.98	77.11	127
77.11	79.55	98
79.55	82.60	99
82.60	84.12	90
84.12	85.65	34
85.65	86.87	59
86.87	88.39	91
88.39	90.53	75
90.53	93.57	93
93.57	95.40	98
95.40	96.93	82



INTENSELY CHLZD: green. Very friable. 40-50% chlorite. Soft. Fractured at 15-25°. Locally crumbled. Minor chert nodules and bands to 3%.

CORE MISSING: not available for logging.

100

140.0

140.25

ARGILLITE: black. Very fine to fine grained; muds and clays to siltstones. Laminated at 45°. Minor chert bands and lenses to 3%. Local sections of clay gouge(?) at 140.95m and 144.80m.

2.5 | 0.5 | 0.5

140.51
87
142.04
95
143.87
76

144.70

2.5 | 11.0 | 30

145.08

145.85

ARGILLITE: brown to green. Muds and clays to siltstones. Well-laminated at 60°. 20% chert bands, one band 145.85-146.73m, others are 1-15cm. Bright green clays common. Limonite laminations and "speckles" 3-5%. Minor discontinuous calcite veinlets.

10 | 0.1

90
148.13
94
149.66

150.0

93

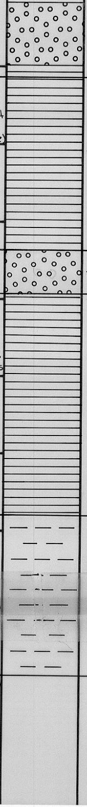
151.63

CHERT:

light gray to white. Aphanitic. Ribbon texture. Argillite partings 1-2%. Minor limonite as discontinuous stringers.

152.70
93
154.84
111

155.75

END OF HOLE