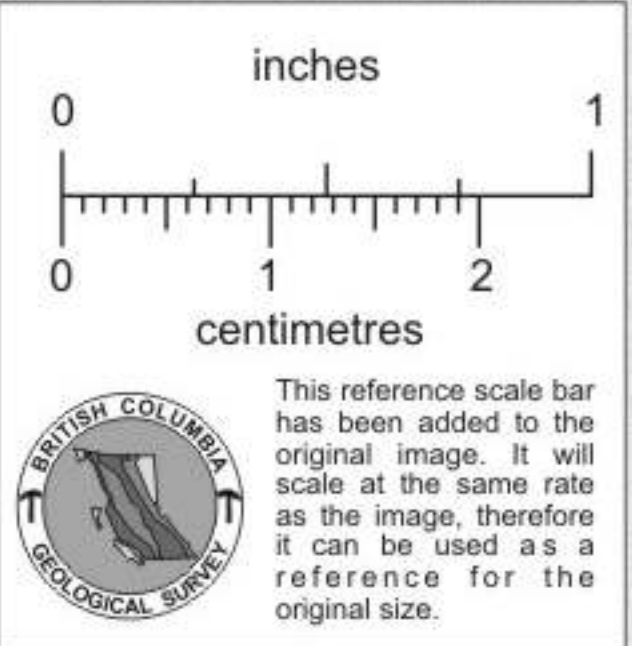


# CHEVRON CANADA RESOURCES



HOLE No. WS 87-007	PROJECT M577	PROPERTY WAYSIDE	STARTED 87-11-21 FINISHED 87-11-22
COORDINATES N: 5636518N E: 512482E	AZ.: 226.0° EL.: 805.0m	DIP-COLLAR: -50.0° ACID DIP TESTS: 46.63m: -51.0°	T.D. 46.63m LOGGED BY: LDM

	CONGLOMERATE		GREENSTONE		BRECCIA
	BASALT		VOLC. FLOWS		STOCKWORK
	DYKE		CHERT		SILICIFIED
	GRANITE		DIORITE		DOLOMITIZED
	ARGILLITE		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					SAMPLE INTERVAL	SAMPLE LENGTH	ICP As ppm	Geochem Au ppb	Assay Au oz/ton
		SILICA	PYRITE	CLAY	CARBONATE	MARIPOSITE					
OVERBURDEN: no core recovered											
ARGILLITE: dark gray to black fine to coarse siltstone. Well laminated to bedded at 30-35°. Rare, light gray calcareous bands. Limonite staining on fractures. Calcite veins (and veinlets) from 10.56m onwards. Veins at 70-80°, commonly. LC moderately sheared and brecciated at 40°, for 11cm.	4.27 66 5.49 72 7.01 89 8.53 97 10.06 101 11.58 92				1.0						
VEINING/STOCKWORK: Intense calcite veining and quartz stwk. Med-coarse cubic pyrite in the argillite. Well laminated at 40°. Mariposite conc. to 2% in qz bands at 15.83-15.91m. LC is sheared and brecciated. Minor limonite on fractures.	13.22 103 14.63 71 15.91						13.22 116276H 14.20 116277H 15.30 116278H 15.91	0.98/103 1.10/83 0.61/71	25 85 2715	25 65 1740	-
DYKE, FELDSPAR PORPHYRY: 1. H gy Aphanitic with very faint feld phenos 3-5%. Phenos 2-5mm. Qz vns / veinlets with milky white grains (carb?) to 5% Ser on frac. V. well frac at 50-100. Fine sulphs disse and conc. along frac 7-10%. Fine cubic pyrite diss. thru-out 5-10%. Tr. mariposite. Clay common along qz vns contacts. Fine sulphides, prob. Aspy. Aspy to 1%. 1-2cm qz vns at 20.45m. QZ VEINING: similar to main 18.20 but with intense qz vng to stwk vns 20% of sub-interval. Extremely well fract. Qz vns with 5% milky mineral vns. Banded. 15% fine sulphs on frac and vein selvages. 5cm qz vns at 35.19, 38	16.15 97 17.68 95 19.20 97 20.73 95 22.25 105 23.77 95 25.30						16.15 116279H 16.67 116280H 17.45 116281H 18.20 116282H 18.70 116283H 19.38 116284H 20.45 116285H 20.50 116286H 21.87 116287H 21.83 116289H 22.50 116290H 23.16 116291H 24.02 116292H	0.76/81 0.78/97 0.75/96 0.50/95 0.68/95 0.89/97 0.23/97 0.87/96 0.44/95	305 230 1580 840 2335 1065 2670 230 345	125 100 620 575 2600 450 1320 65 45	-
Cont'd. Approx. parallel to core axis, bed and mariposite to 2% with dk. gr. sulphs and a "rim" of white, milky mineral. QZ-FD PPN: pale gy. 1% qz phenos 1-5mm, 3% fd phenos 2-3mm. UC ring at 35° LC sharp at 40° Qz vng 21.83-22.13m J to UC. Minor to med. discontinuous qz vns. DICTY CHERT contact zone 18.20m Aphan. to 4 gr. Argill. partings. Clay to 15%. LC sharp at 40°. Qz vns to fine stwk calc vns/veinlets. Minor Bx. Qz CALCITE-QUARTZ STWK: similar to main interval but with intense calcite-quartz stockwork locally carbonaceous. 5cm clay at 25.17m.	20.0 21.02 21.83 22.25 23.16 23.77 25.30 26.12						20.0 116288H 21.83 116289H 22.50 116290H 23.16 116291H 24.02 116292H	0.87/96 0.44/95 0.67/98 0.66/105 0.86/102 1.28/95	230 345 5 10 40 20	65 45 45 45 45 45	-
ARGILLITE: black to dark gray. Mudstone to fine siltstone with 2% sandy lenses. Well bedded to laminated at 35-40°. Sub-parallel calcite stringers, locally cross-cutting bedding at 90°. Rare, calcareous layers. Primary pyrite parallel to bedding.	26.12 26.82 100 28.35 97 29.87 101 31.39 97 32.92 97 34.44 35.97 93 37.49 107 39.01 94 40.54 103 42.06 96 43.59 97 45.11 99										
FINE CONGLOMERATE: med. 39.30-40.00 dk gy-br coarse sand to fine pebble congl. 1-5mm granules. Sub-angular to rounded. 35% congl. 50% coarse sst, 15% argillite. Bedded at 45°. Minor calcite veinlets and stringers at 10°.	39.30 94 40.54 103				2.5						
SANDSTONE: med. gray. Fine to medium sandstone, 15% argillite. Rare calcite veinlets at 0-40°. 7cm of calcite and quartz-calcite veining at 44.69m at 60°. Three cm calcite vein, brecciated, at 45.20m at 35-40°. Very fine talcy-chlorite stockwork from 46.14-46.63m.	42.06 96 43.59 97 45.11 99										
END OF HOLE	46.63						46.63				