841455

SAMPLE NOS: 116251-116256H
113384-113400H

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 87-006	**PROJECT** M577	**PROPERTY** WAYSIDE	**STARTED**: 87-11-15 **FINISHED**: 87-11-17
COORDINATES **N**: 5635296 N **E**: 511913 E	**AZ.**: 206° **EL.**: 705.00 M	**DIP-COLLAR**: -47.0° **ACID DIP TESTS**: 102.72 M: -38.0°	**T.D.** 111.86 M **LOGGED BY**: LDM

▨	OVERBURDEN	o o o o o o o	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	≈	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

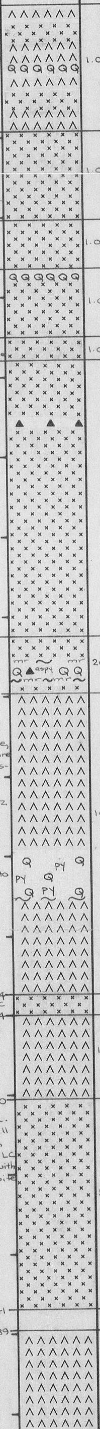
	REMARKS m		% ALTERATION SILICA	PYRITE	CLAY	CARBONATE	MARIPOSITE	CHLORITE	% RECOVERY BETWEEN BLOCKS	SAMPLE INTERVAL	SAMPLE LENGTH % REC.	ICP As ppm	Geochem Au ppb	Assay Au oz/ton
0	OVERBURDEN: No core recovered													
									12					
10.0														

Depth	Description						
12.65	**DIORITE/GRANITE MIX:** Green and white. Medium to coarse grained, equigranular. 35% granite. Very broken up. 3cm wide quartz vein at 14.28m at 65° with clay gouge contacts (<1cm), barren. Minor calcite veins/veinlets.	1.0		0.1	0.5		
15.85	**GRANITE:** white to very pale green. Fine to medium, equigranular to locally porphyritic. 10-15% diorite bands. 3-5% biotite, locally chloritized. Patches of black stringer stockwork. Weak quartz veining at 10-20°.	1.0	.03		0.1		
18.03	BROKEN ZONE: gray. Similar to main unit but very broken. Minor clay at 18.53m, probably at 5°.	1.0	.03	0.5	0.1		
19.25		1.0	.03		0.1		
21.00	ALTERED ZONE: very pale green with weak carbzn. Qz vn <1mm wide at 15°, barren; parallel black stringers.	1.0	.03				
21.60	Pink, 4cm wide, crystalline (high temp) quartz vein at 19.47m at 85°, barren. Brecciated at 23.20M.						
28.50	QZ VEIN with ALTER'N: 30 cm qz vn at 29.22-29.52m. UC sharp with 4cm clay gouge at 55°, LC sharp with 2 cm gouge at 85°. Qz vn banded with a local bx: black sulph-rich matrix, 2% qz frags 2-10mm with mariposite and dissem. arsenopy. to 1% and pyrite to 2%. Pervasive ankerite alteration above and below quartz vein. Trace mariposite adjacent to the vein, to 0.03%. Hanging-wall very broken up.	20	1.0	5.0	20	.03	
29.95	**DIORITE:** Green with white. Medium to coarse, equigranular. Moderate to intense quartz veining, 3-10mm wide, commonly at 5-15°. Few pink, crystalline (high temp) quartz veins at 50°, cross-cutting shallow angle quartz veins. Weak to moderate calcite veins/veinlets. 1-2 cm wide gray quartz vein with pyrite patches from 33.90-35.04m, LC is sheared with minor clay. Shear at 54.70m at 30° with 5mm calcite vein, clay and intense chloritization for 15 cm. Moderate to intense quartz veining to stockwork from 78.40-79.52 and from 83.60 to 110.00m. Granite band from 86.15-87.75m with pale yellow-green alteration. Barren, 9cm calcite vein at 94.29m at 75°.	10	0.1		2.5		5.0
37.44	GRANITE: light gy-bn. Ppy'c, 7% feld phenos. UC sharp at 45°, LC sharp at 35°. Dior. Xeno. Patchy black stringer stwk.						
38.04		10	0.1		2.5		5.0
40.10	GRANITE: white to pale gray. Fine to medium grained. Equigranular. Moderate to well quartz veined-pink, high temp, at 15° and 40°. UC sharp at 60°, LC sharp with dyke at 50°, polished with slickensides at LC. Minor limonite on fractures at LC. Trace disseminated pyrite.	5.0	.03				
45.41	DYKE, MAFIC: dk gn. Aphanitic to fine-gr. Moderate calcite veinlets at 55°. LC broken.				2.5		
45.89		10	0.1		2.5		5.0

20.0

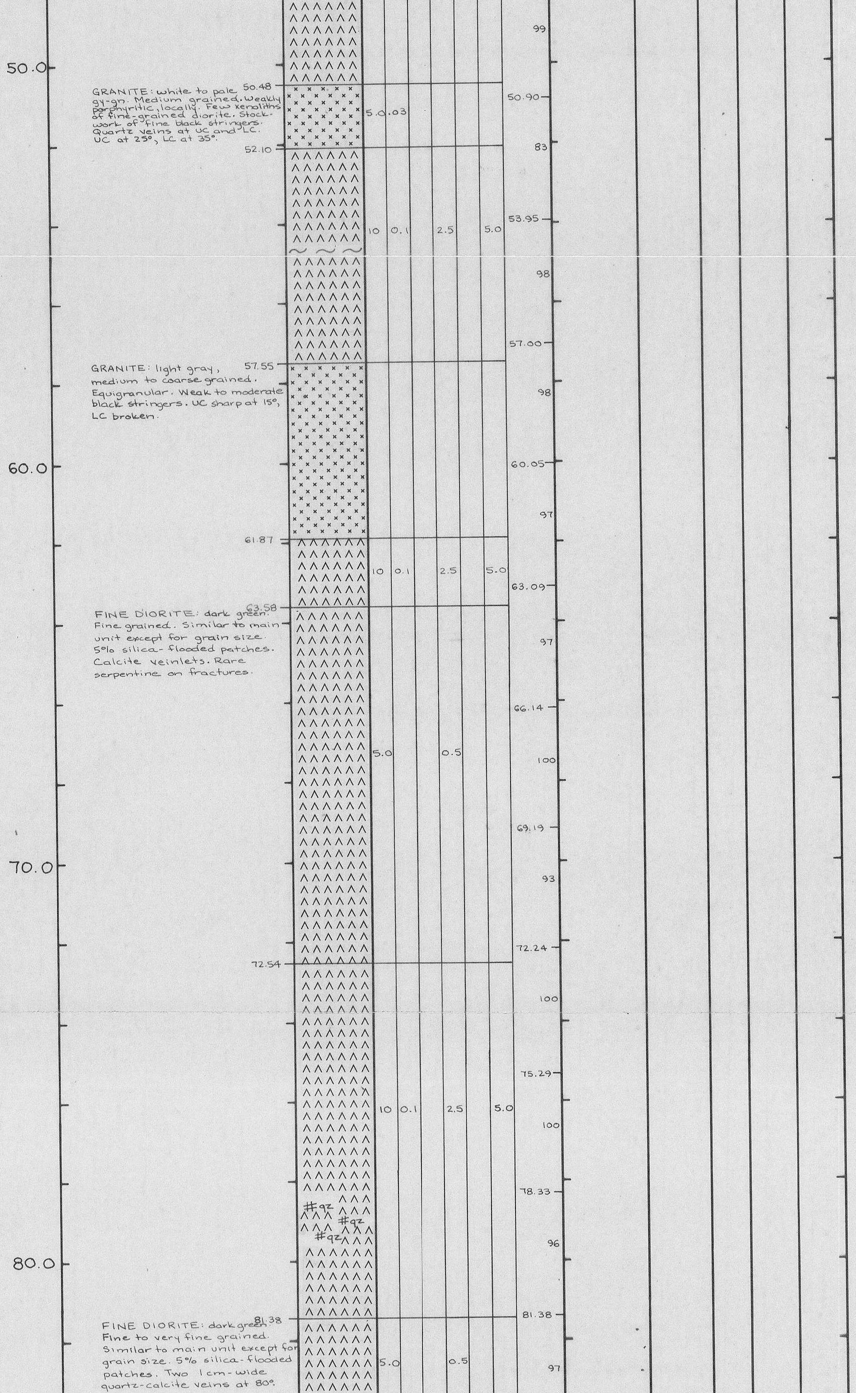
30.0

40.0



14.33
95
17.37
85
20.42
100
23.47
99
26.52
91
29.57
100
32.61
99
35.66
101
38.71
94
41.76
94
44.81
89
47.85

From	Sample				
18.03	113384H	1.22/85	<5	<5	–
19.25	113385H	0.75/85	<5	<5	–
20.00	113386H	1.00/95	<5	<5	–
21.00	113387H	0.60/100	<5	<5	–
21.60	113388H	1.00/100	<5	<5	–
22.60					
28.50	113389H	0.68/91	5	<5	–
29.18	113390H	0.39/91	1420	825	–
29.57	113391H	0.38/100	85	45	–
29.95	113392H	1.00/100	<5	10	–
30.95	113393H	1.00/100	<5	15	–
31.95	113394H	1.00/100	<5	5	–
32.95	113395H	0.90/99	<5	5	–
33.90	113396H	1.14/99	<5	<5	–
35.04					



GRANITE: white to pale gy-gn. Medium grained. Weakly porphyritic, locally. Few xenoliths of fine-grained diorite. Stockwork of fine black stringers. Quartz veins at UC and LC. UC at 25°, LC at 35°.

GRANITE: light gray, medium to coarse grained. Equigranular. Weak to moderate black stringers. UC sharp at 15°, LC broken.

FINE DIORITE: dark green. Fine grained. Similar to main unit except for grain size. 5% silica-flooded patches. Calcite veinlets. Rare serpentine on fractures.

FINE DIORITE: dark green. Fine to very fine grained. Similar to main unit except for grain size. 5% silica-flooded patches. Two 1cm-wide quartz-calcite veins at 80°.

90.0

100.0

110.0

83.60

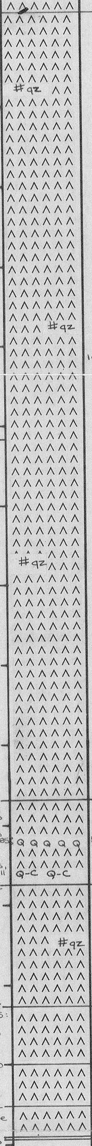
9cm CALCITE VN at 75°- barren

103.35
QUARTZ-CALCITE VEINING with ALTER'N: tan-green. Medium to coarse grained. Ankerite alter'n of diorite. Minor hem. staining to 1%. 9 cm qz vn from 104.40m at 85°- barren. 16 cm of qz-calc vn from 105.15m: 10% qz, 90% calc - barren. Kaolin'zn, in footwall of both veins, to 5%. Quartz-calcite vein footwall contact at 25°.
105.52

108.57
ALTERED with QZ and CALC. VNS: Tan-green. Medium to coarse grained. Six 1cm-wide veins, 10% qz, 90% calcite, at 85° - barren. Pervasive ankerite alteration.
110.00

WEAK ALTER'N: Pale green. Med. to coarse. Weak chlzn. Same as main interval.
111.04

111.81
111.86
END OF HOLE



83.60–103.35	10	0.1		2.5		5.0
103.35–105.52	5.0		2.5	30		
105.52–108.57	10	0.1		2.5		5.0
108.57–110.00	1.0			25		
110.00–111.04	10	0.1		2.5		5.0
111.04–111.81	1.0			2.5		10

84.43	
	102
87.48	
	102
90.53	
	100
93.57	
	98
96.62	
	100
99.67	
	98
102.72	
	89
105.77	
	100
108.81	
	95
111.86	

83.60	84.88	113397H	1.28/99	<5	<5	–
84.88	86.15	113398H	1.27/102	<5	<5	–
86.15	86.95	113399H	0.80/102	<5	<5	–
86.95	87.75	113400H	0.80/102	<5	<5	–
103.35	104.40	116251H	1.05/89	<5	<5	–
104.40	105.52	116252H	1.12/89	<5	<5	–
108.57	109.29	116253H	0.72/96	<5	<5	–
109.29	110.00	116254H	0.71/95	10	<5	–
110.00	111.04	116255H	1.04/95	10	10	–
111.04	111.81	116256H	0.77/95	<5	<5	–