842167

SAMPLE NOS: 113367-113383 H

CHEVRON CANADA RESOURCES

HOLE No.	PROJECT	PROPERTY	STARTED: 87-11-13
WS 87-005	M577	WAYSIDE	FINISHED: 87-11-15
COORDINATES	AZ.: 281.00°	DIP-COLLAR: -46.0° ACID DIP TESTS: 90.53m -40.5°	T.D.: 93.57m
N: 5 635 694 N			LOGGED BY: LDM
E: 511 904 E	EL.: 705.0m		

inches / centimeters — The rational scale for the reproduction of this original drawing is the same as the rational scale for the reproduction of the original size.

OVERBURDEN	GREENSTONE	BRECCIA			
BASALT	VOLC. FLOWS	STOCKWORK			
DYKE	PHYLLITE	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 (ag) fractures (ing)			
		ss slickenside			
		diss. disseminated			
		xls crystals			
		bl. bleached			
		py pyrite			
		cr carbonaceous			

REMARKS m	% ALTERATION: SILICA	PYRITE	CLAY	CARBONATE	MARIPOSITE	CHLORITE	% RECOVERY BY BLOCKS	SAMPLE INTERVAL	SAMPLE LENGTH	% REC.	ICP As ppm	Geochem Au ppb	Assay Au oz/ton
0													
OVERBURDEN: No core recovered.													
7.40							7.32						
DIORITE: (?) Light green. Fine to med. gr., appears poor. 5% felsic phenos 1-3mm. 4% dissem. biotite. 0.1% py. phenos 1-3mm. Fine mafics to 30%, colorite, altered. Mod qz.-veining at 15-30°. 3-5% granitic bands. Minor dissemminated pyrite to 0.5%.		2.5	0.5			20	8.23 / 8.84						
9.97							10.36						
GRANITE: White to pale green. Fine to medium grained. 15% diorite bands. 5-7% biotite. Moderate, black stringers. Minor quartz veining 4mm. 1-3mm calite, pink, amphibolite. Veinlets at 30-40°. Minor calcite veinlets. Lower under fault gouge at 1.09m at 45-50°. Very well fractured, locally.		2.5	0.5	0.3	1.0		11.28						
15.16							14.33						
DIORITE: green and white. Med grained, equigranular. 30% green bands. Mod qz. and calc veining 1-3mm, at 45-55°. 3mm qz-calc vn at 17.85m at 80°. Common, ill. lining at 45°, LC dip at 45°.		1.0			2.5		17.37						
18.78							19.36						
DYKE, HBD: 99% med-dk gn, 35-70 dm. Mod phenos 1-3mm, mod biotite, gen. 3% felsic phenos. Mod qz-calc veining 1-3mm, at 45-55°. 3mm qz-calc vn at 25.85m at 55°, common ill. lining at 45°.		2.5	0.5	0.3	1.0		20.42						
QZ. VN with ALTERATION: 14.29-15.16 to pale gn. wh. fine, med. gr. 35-70 dm. 1-3% biotite, 1% felsic phenos. Mod with 5mm qtz-calc vn. Qz. veining, banded, approx 5 blocks. Rising angle 30-40°. Mod to strongly chl. bands, more to 1%, esp to 7% at 15.40-15.60. Bands 1-3mm, at 30-40°. Mod to strong chl. bands below qz vn. 10-15 of qz vn gradual, at 20°. Trace pyrite on fracture surfaces.		1.0	0.5	2.5	5.0	1.0	23.47	20.68 / 21.59 / 22.60 / 23.53 / 23.85	11336 TH / 11336 BH / 11336 BH / 11337 TH	0.71/88 / 0.77/88 / 0.44/88 / 0.63/88 / 0.62/94	245 / 120 / 390 / 15 / <5	35 / 20 / 245 / <5 / <5	– / – / – / – / –
23.85							25.52						
DIORITE: medium-dark green. Fine to medium grained, more coarse sections. 10% granitic bands with fine. Mod. stringers. Common qtz-calc. flooding, more pyrite. Some porphyritic. Mod-calc veining. Moderate chlorite alteration to 30%. Some quartz veins, 1-5mm, at 40-75°. Weakly banded at 45°. Serpentine, commonly along fractures.		0.5	0.1		0.5		27.57	28.64 / 29.64 / 30.34 / 31.52	11337 TH / 11337 BH / 11337 BH / 11337 BH	1.00/94 / 0.75/94 / 1.13/94	<5 / <5 / <5 / <5	<5 / <5 / <5 / <5	– / – / – / –
33.64							33.53						
SERP. ZONE: dk. gn. Med gr. Very well fractured. Mod. qtz-calc veining and fault. Minor felsic alt. Trace py. Trace at 32.55°.		0.5	0.1		0.5		35.66	34.82 / 35.82 / 36.82	11337 TH / 11337 BH / 11337 BH	1.00/70 / 0.37/97 / 1.00/97	<5 / <5 / <5	<5 / <5 / <5	– / – / –
35.82							37.05						
DYKE, INTERM: (post ?) 35.82-36.82 mod-dk gn, Aphanitic. Chaotic, LC broken post at 37.05, LC dip of 45-50°. 22.0cm.		0.5	0.1		0.5		38.71						
FAULT ZONE: 1.43m. Extremely broken. Can be crumbled. 20-1.43m gouge. 2-1m sections at 35-50°.				1.0			41.76						
43.18							44.81						
DYKE, INTERM: med-lt gn. Aphanitic. Minor calc veinlets. LC dip of 35-45°. Dip of 37° Cause ?: close to 5m.			2.5		0.5		47.85						
47.85							50.90						
SERP. ZONE: dark green. 44.81-48.53. Medium grained. Minor quartz veining. Minor calcite veinlets. Serpentine peridotite to 15%.		0.5	0.1		0.5		53.95						
48.53							57.00						
50.0													
GREENSTONE: medium to medium-light green. Aphanitic to fine grained. Moderate black stringers to stockworks, locally extremely massive texture. 1-2% granite and diorite bands. Minor calcite veining at 70°. Unknown, gradational ? possibly at 35-35°, LC dip at 65° with 2cm quartz vein and minor alog. Local concentrations of coarse calcite pyrite.		0.1	0.5		0.5		60.05						
58.42							63.25						
GRANITE: pale gray-green. 58.42-63.25. Medium to coarse grained. Black stringer stockwork. Moderately quartz stained. 1-3mm veins, at 60-65°. LC dip at 75° with 2cm quartz vein. LC dip at 85°. Minor disseminated pyrite.			0.5				66.14						
63.25							69.19						
70.0													
72.24		0.1	0.5		0.5		75.29						
75.10							78.33	75.10 / 76.10 / 77.10 / 78.10 / 78.93	11337 TH / 11337 BH / 11337 BH / 11337 BH / 11338 BH	1.00/97 / 1.00/97 / 1.00/97 / 0.80/98	<5 / <5 / <5 / <5	<5 / <5 / <5 / <5	– / – / – / –
DIORITE: Medium to medium-dark green. Fine to medium grained, minor aphanitic sections. Minor granite bonding. Minor quartz veining.		2.0	0.1		1.0		81.38						
TRANSITIONAL ZONE: mod. to strongly sheared and distorted. Sections highly variable. Patches of silica. Flooding to 20%. S-patches are intensely stockworked by black stringers. Minor quartz "nodules" or rounded breccia fragments in a bond at 25°. Local banding commonly at 60°. Minor slickensides. Minor calcite veinlets to 1%. Minor disseminated pyrite.							84.43						
87.79							87.48						
90.0													
ALTERED: weakly carb. sheared and distorted. 90.25-90.68		1.0	0.1				90.53	89.25 / 90.25 / 90.68	11338 H / 11338 H / 11338 H	1.00/100 / 0.43/100	<5 / <5	<5 / <5	– / –
93.57 END OF HOLE							93.57						