

Chevron Minerals Ltd.
N577

DRILLHOLE/TRVERSE : W5880010

PROJECT IDEN : N577 START DATE : 88/ 7/12 COMPLETION DATE : 88/ 7/14 GEOLOGGED BY : RUB + SGM
 COLLAR NORTHING: 5638230.00 COLLAR EASTING : 511893.00 COLLAR ELEVATION: 908.00 GRID AZIMUTH : 0.00
 TOTAL LENGTH : 88.39 CORE/HOLE SIZE : NQ

SURVEY FLAG		SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000		0.00		220.00	-80.00		
001		88.39		220.00	-79.00		

K L (UNITS = MT)	F - INTERVAL - FROM - TO	CORE RECOVERY (%)	X M ROCK TYPE	TYPI- QAL TEX- GRAIN FRAC- FRYING MIN TURES CHARACS TURE	TM 1 QM1	TX 2 F	S R S O	DIP F	STRUCTUR-1 ID	ALTERATION H H H H H ANY	MINS A A A A A MIN	ORE-TYPE A A A MIN	MINS H H H H H	SUMMARY	
															TM 2
P	0.00 - 1.52		OVER						P						
P	1.52 - 50.30		DIOR	EQ MX 4 5 5 6					P				D)		
L			AG	PA SH					5	V*	H5 Q(
RP	1.52 - 50.30		DIORITE: GREY GREEN WITH CHLORITE AFTER MAFICS WITH OCCASIONAL SECTIONS UP TO 1M OF PEGMATITIC DIORITE, EG. 17.2M, 18.60-19.41M, 20.84-21.04M AND 27.30-28.30M. CHLORITE IS THE DOMINANT ALTERATION MINERAL FOLLOWED BY CALCITE WHICH OCCURS IN VEINS AND MICROFRACTURES. ALBITIZATION(?) AT 29-29.20M AND 29.57-29.71M. FAULTING AT 31.10-31.50M WITH SLICKENSIDES ON FRACTURES AT 40-80 DEG. FAULT AT 32.60-32.75M AT 25 DEG. WITH SLICKENSIDES. FAULTING AT 33.00-33.62M AT 10-40 DEG. FAULT ZONE AT 34.10-37.04M, SLICKENSIDES AND SHEARING WITH CORE ANGLES AT 10-20 DEG. 4CM THICK QUARTZ VEIN AT 40 DEG. AT 36.65M. FAULTING AT 20 DEG. FROM 35.90-36.30M. 5CM THICK DEFORMED QUARTZ STRINGER FROM 37.34-39.27M. OTHER FAULTS INDICATED BY GONGE AND SHEARING ARE AT 37.84M (20 DEG.), 38.80-39.17M (30 DEG.), 39.70(30 DEG.) AND 41.00(20 DEG.). INTERMEDIATE DYKE: MOTTLED WITH FAIRLY FRESH HORNBLENDE PHENOCRYSTS SET IN APHANITIC TO FINE GRAINED FELDSPAR GROUND MASS. MINOR FAULT AT LIMBER CONTACT (40 DEG.). PEGMATITIC FROM 12.30-12.58M.												
N	11.60 - 14.60		X D/IN	PP KR 2 5 5 6					N	UC	30		D(
L			GA						5	LC	40 <*	H3			
RN	42.50 - 47.88		DIORITE: STRONGLY ALTERED, NANIPPOSITE COMMON. FAULTING AT 45.05-46.63M WITH CORE ANGLES DOMINANTLY 40 DEG.; AT 45.85M AND 85 DEG. AT 46.43M.												
N	42.50 - 47.88		X DIOR	EQ KR 4 5 5 6					N	8 SH	37 V+ Q=		B(
L			8G								V)	H+			
P	50.30 - 52.14		D/FP	PP 4 5 4 6					P	8 UC	80 V*		P- 0*		
L			8K								V*	<1			
RN	50.30 - 52.14		FELDSPAR PORPHYRY DYKE: INTENSELY ALTERED. SHARP UPPER AND												

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DRILLHOLE/TRVERSE : WS880010 (CONTINUED)

F - INTERVAL -			CORE RECOVERY (%)	X M ROCK TYPE	TYPI- FYNING MAT	QAL TX 1	TEX- TX 2	GRAIN CHARACS F C P	FRAC- TURE #	STRUCTUR-1			ALTERATION			MINS			ORE-TYPE			SUMMARY
K L (UNITS = MT)	E A	Y G FROM - TO								T ID	STK	DIP	A	A	A	A	A	A	A	A	A	
			ROCK QUAL	FOR EN RT	TH QM2	TX TX	S R S O	DIP F	T ID	STK	DIP	CA	MU	CL	EP	HE	HA	PR	AS	FS	HA	
			DESIG	AGE	COL		R D P C		STRUCTUR-2													
R N	50.30	52.14																				
R N	80.30	52.14																				
R N	50.30	52.14																				
R N	50.30	52.14																				
R N	50.30	52.14																				
P	52.14	54.14																				
L																						
R P	52.14	54.14																				
R P	52.14	54.14																				
R P	52.14	54.14																				
R P	52.14	54.14																				
P	54.14	56.07																				
L																						
R P	54.14	56.07																				
R P	54.14	56.07																				
P	56.07	60.45																				
L																						
R P	56.07	60.45																				
R P	56.07	60.45																				
R P	56.07	60.45																				
R P	56.07	60.45																				
R P	56.07	60.45																				
R P	56.07	60.45																				
P	60.45	88.39																				
L																						
R P	60.45	88.39																				
R P	60.45	88.39																				
R P	60.45	88.39																				
R P	60.45	88.39																				
R P	60.45	88.39																				
R P	60.45	88.39																				
R P	60.45	88.39																				
R P	60.45	88.39																				
R P	60.45	88.39																				
R P	60.45	88.39																				
R N	71.93	78.54																				
R N	71.93	76.54																				
R N	71.93	78.54																				
N	71.93	76.54																				
L																						

LOWER CONTACTS BUT LOWER IS IRREGULAR. THE DYKE MAY BE ALBITIZED. CONTAINS ABUNDANT MICROFRACTURES WITH UNIDENTIFIED DARK CHLORITIC MATERIAL. SLICKENSIDES AT 50.35M AT 20DEG. SLICKENSIDES AT 10DEG. AT 51.10M. SLICKENSIDES ON FRACTURE AT 50 DEG. AT 51.35M.

D/HF PP PA 4 5 3 6 P LC IQ V(D(5G SH 6 V= H= HORNBLENDE PORPHYRY DYKE: CUT BY CALCITE AND OCCASIONAL CALCITE-QUARTZ VEINS. UNBRAIDED FRACTURE PATTERN WELL DEVELOPED. CALCITE VEINS CUT THE BRAIDED FRACTURES FROM 38.75M. LOW SULPHIDE CONTENT.

D/FL KR P V) D- G= 7A MX SH 3 3 X V= G= FELSIC DYKE: CRACKLED WITH ABUNDANT MICROFRACTURES WITH BRAIDED PATTERN, AND OCCASIONAL FINE GRAINED SULPHIDES.

D/FP EII PP 4 5 1 5 P V* D* 5G X V= <2 D) FELDSPAR PORPHYRY DYKE(?): MOTTLED APPEARANCE AND VERY INTENSELY ALTERED. SHATTERED ALONG MICROFRACTURES, CONTAINS A DARK MATERIAL THAT IS PROBABLY IN PART CHLORITE. ABUNDANT CALCITE VEINS. NUMEROUS MINOR SHEARS AND MISC. GOUGE ZONES. FAULT AT 56.83-57.37M. SLICKENSIDED AND GOUGED. FRACTURES GENERALLY 10, 15, 20, 50 DEG. TO CORE.

DIOR EQ KR 4 U X 6 P LC 15 D(GA SH X <= H3 DIORITE: DARK COLORED WITH ABUNDANT CHLORITIC MICROFRACTURES. THE CORE ANGLES OF ALMOST PERVASSIVE SHEARING ARE 62.07M (30 DEG.), 62.38M (40 DEG.), 66.10M (10 DEG.) AND 69.90M (0 DEG.). CATACLASTIC METAMORPHISM IS EVIDENT BY AUGEN DEVELOPMENT. THE PREPONDERANCE OF MICROFRACTURES CONTAINING DARK CHLORITIC MATERIAL MAY BE A PRODUCT OF AND INDICATION OF WIDESPREAD SHEARING OR CATACLASTIC DEVELOPMENT IN THIS AREA. THE PATTERN OF MICROFRACTURES RESEMBLE THOSE OF FLASER STRUCTURES OF PHACOIDAL METADIORITE.

UNCLASSIFIED DYKE: FINE GRAINED TO APHAMITIC. INTENSE MICROFRACTURES. SHEARING AT 72.74M. AUGEN DEVELOPMENT SUGGESTS CATACLASTIC DEFORMATION AT 30 DEG. AT 73.70M. X DYKE KR MX 2 4 1 5 N UC 15 D) 3G SH LC 10 V) <2 D) D)

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DRILLHOLE/TRVERSE : WS880010 (CONTINUED)

SUMMARY REMARKS

DRILL HOLE WS880010 WAS COLLARED ON AN ACCESS ROAD 100M N OF THE PAXTON PORTAL AND 50M NE OF THE TRENCH 88-T-44 AND WAS DRILLED TO TEST THE WAYSIDE MAIN STRUCTURE 50M ALONG STRIKE FROM AND AT THE SAME ELEVATION AS THE PAXTON LEVEL. THIS HOLE, LOCATED ON THE WAYSIDE MAIN ZONE, WAS DRILLED AT AN AZIMUTH OF 220 DEG. AND A DIP OF -80 DEG. FOR A TOTAL DEPTH OF 88.39M.

OVERBURDEN EXTENDS TO 1.52M. DIORITE, CUT BY DYKES OF VARIABLE COMPOSITION, WAS INTERSECTED FROM 1.52-88.39M. FELDSPAR PORPHYRY AND FELSIC DYKES OCCUR AT 50.30-80.45M. A ZONE OF STRONGLY ALTERED DIORITE WITH QUARTZ VEINING AND ABUNDANT MARIPOSITE WAS INTERSECTED AT 42.50-47.80M.

N577 - W8880010 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	36.73		
2	36.73	37.34	79026	0.61
3	37.34	39.17	79027	1.83
4	39.17	40.17	79028	1.00
5	40.17	42.50	79029	2.33
6	42.50	43.67	79030	1.17
7	43.67	44.67	79031	1.00
8	44.67	46.00	79032	1.33
9	46.00	47.86	79033	1.86
10	47.86	50.30	79034	2.44
11	50.30	52.14	79035	1.84
12	52.14	54.14	79036	2.00
13	54.14	56.07	79037	1.93
14	56.07	57.91	79038	1.84
15	57.91	58.83	79039	0.92
16	58.83	60.45	79040	1.62
17	60.45	61.87	79041	1.42
18	61.87	63.70	79042	1.83
19	63.70	65.99	79043	2.19
20	65.99	66.50	79044	0.51
21	66.50	71.93		
22	71.93	73.00	79045	1.07
23	73.00	77.50		
24	77.50	78.50	79046	1.00
25	78.50	88.39		