841495

Wayside 88-17

PAGE: 1 DATE: 88/0CT/14

Chevron Minerals Ltd. M577

DRILLHOLE/TRAVERSE: WS880017

PROJECT IDEN : M577

RP

48.18

63.13

START DATE : 88/ 8/ 5 COMPLETION DATE : 88/ 8/ 7 GEOLOGGED BY : RUB + SGM COLLAR EASTING : 511497.00 COLLAR ELEVATION: 810.00 GRID AZIMUTH : 0.00

COLLAR NORTHING: 5635035.00

TOTAL LENGTH : 107.90

CORE/HOLE SIZE : NQ

		SU	RVEY FLAG	SURVEY POINT FORESIGHT AZIMUTH VERTICAL ANGLE NORTHING EASTING LOCATION (DEGREES)	
			000 001	0.00 205.00 -50.00 87.78 205.00 -50.00	
KE	F L A	(UNITS = MT)	CORE % TYPI- QAL TEX- GRAIN FRAC- STRUCTUR-1 ALTERATION MINS ORE-TYPE MINS RECOV- M ROCK FYING MIN TURES CHARACS TURE H H H H H ANY H H ANY ERY I TM TM MAT TX TX F C % M T ID STK DIP A A A A MIN A A MIN	
γ	G	FROM	- T 0	(%) X TYPE 1 2 QM1 1 2 F F C P # TK 1 AZM RT QZ MR CY AK SR XX PY CP LI YY	SUMMARY
E	F L			ROCK FOR EN RT TM QM2 TX TX S R S O DIP F T ID STK DIP CA MU CL EP HE HA PR AS FS HA QUAL MEM V Q LC-3 3 4 O N H / SML I 2 AZM RT H H H H H H H H	
γ	G			DESIG AGE COL R D P C STRUCTUR-2 A A A A A A A	
P		0.00	3.35	OVER P	
R	P	0.00	3.35	OVERBURDEN: BOULDER TILL.	
P		3.35	26.52	CHRT MX KR 1 1 X 1 P V3 T-	
R	P	3.35	26.52	CHERT: INTENSELY CRACKLED WITH RESULTING FRACTURES FILLED WITH	
R		3.35	26.52	QUARTZ. RUSTY FRACTURES MAY CONTAIN PARTLY OXIDIZED SULPHIDES.	
R		3.35	26.52	ALSO ABUNDANT MICROFRACTURES THROUGHOUT CONTAINING MN MINERALS.	
R	P	3.35	26.52	HEAVY LIMONITE IN FRACTURES TO 10M DEPTH.	
R	D	7.93	9.00	CHERT: BRECCIATED WITH ANGULAR CLASTS OF CHERT.	
N	D	7.93	9.00	X CHRT BX KR 1 1 X 1 D V3 P. D. T-	
L				6A X	
P		26.52	48.18	CHRT MX 1 1 X 1 P V3 V.	
R	Р	26.52	48.18	CHERT: SIMILAR TO CHERT ABOVE BUT WITH A REDDISH TINT. CHLORITE	
R		26.52	48.18	AND HEMATITE ARE ASSOCIATED WITH THE CHALCOPYRITE LOCALLY.	
R		26.52	48.18	FAIRLY ABUNDANT CHALCOPYRITE AT 33.30-33.60M. PYRITE IS	
R	P	26.52	48.18	ASSOCIATED WITH CHALCOPYRITE AT 38.60M.	
R	D	38.60	45.00	CHERT: FAULT BRECCIATED CHERT WITH ANGULAR CHERT FRAGMENTS	
R	D	38.60	45.00	LARGELY SET IN A CHLORITE AND SILICA GROUNDWASS. GRAPHITIC	
R		38.60	45.00	GOUGE AT 30 DEG. AT 43.00-43.20M.	
N	D	38.60	45.00	X CHRT BX 1 1 X 1 D V3 D. D.	
L				6A V.	
P		48.18	63.13	GNST MX SH 1 1 X 1 P UC 20 D. 7G FC 55 V*	
R	P	48.18	63.13	GREENSTONE(?): WITH A PARTICULARILY STRIKING LIGHT GREEN COLOR	
R		48.18	63.13	OVER LENGTHS UP TO SEVERAL METERS SEPERATED BY BLACK HIGHLY	
R		48.18	63.13	SHEARED ROCK INCLUDING CATACLASTIC SECTIONS. AUGENS DO OCCUR	
R		48.18	63.13	AND IT APPEARS THAT A LITHOLOGY THAT PREVIOUSLY UNDERWENT	
R		48.18	63.13	CATACLASTIC METAMORPHISM HAS BEEN SUBJECT TO LATER FAULTING.	

CATACLASTIC TEXTURE AT 60 DEG. IN THE GREENSTONE AT 51.50M.

PAGE: 2 DATE: 88/OCT/14

M577

DRILLHOLE/TRAVERSE: WS880017 (CONTINUED)

K F E L Y G R P R D R D R D R D R D	48.18 48.18 55.25 55.25 55.25 55.25 55.25	63.13 63.13 63.13	ROCK FOR EN RT TM QM2 TX TX S R S O DIP F T ID STK DIP CA MU CO QUAL MEM V Q LC-3 3 4 0 N H / SML I 2 AZM RT H DESIG AGE COL R D P C STRUCTUR-2 FRAGMENTS OF THE GREEN LITHOLOGY OCCUR IN THE CATACLASTIC ZONES. AUGEN DEVELOPMENT AT 51.56-52.00M. GREENSTONE: ZONE OF PARTICULARILY INTENSE SHEARING AT 55.59M AT 65 DEG. AND 56.69-58.00M AT 50 DEG. A BLOCK OF RED CHERT CAUGHT UP IN THE FAULT ZONE IS AT 58.85-90.00M. A RED CHERT BLOCK IS AT 62.50-63.13M. X GNST MX SH 1 X 1 D UC 20 FC 55 V*	L EP H	E HA	H	H	H H	
Y G R P R P R D R D R D R D L	48.18 55.25 55.25 55.25 55.25 55.25	63.13 63.13 63.13 63.13	FRAGMENTS OF THE GREEN LITHOLOGY OCCUR IN THE CATACLASTIC ZONES. AUGEN DEVELOPMENT AT 51.56-52.00M. GREENSTONE: ZONE OF PARTICULARILY INTENSE SHEARING AT 55.59M AT 65 DEG. AND 56.69-58.00M AT 50 DEG. A BLOCK OF RED CHERT CAUGHT UP IN THE FAULT ZONE IS AT 58.85-90.00M. A RED CHERT BLOCK IS AT 62.50-63.13M. X GNST MX SH 1 1 X 1 D UC 20			A			
R P R D R D R D N D L	48.18 55.25 55.25 55.25 55.25 55.25	63.13 63.13 63.13 63.13	ZONES. AUGEN DEVELOPMENT AT 51.56-52.00M. GREENSTONE: ZONE OF PARTICULARILY INTENSE SHEARING AT 55.59M AT 65 DEG. AND 56.69-58.00M AT 50 DEG. A BLOCK OF RED CHERT CAUGHT UP IN THE FAULT ZONE IS AT 58.85-90.00M. A RED CHERT BLOCK IS AT 62.50-63.13M. X GNST MX SH 1 1 X 1 D UC 20						
R D R D R D N D L	55.25 55.25 55.25 55.25 55.25	63.13 63.13 63.13 63.13	GREENSTONE: ZONE OF PARTICULARILY INTENSE SHEARING AT 55.59M AT 65 DEG. AND 56.69-58.00M AT 50 DEG. A BLOCK OF RED CHERT CAUGHT UP IN THE FAULT ZONE IS AT 58.85-90.00M. A RED CHERT BLOCK IS AT 62.50-63.13M. X GNST MX SH 1 1 X 1 D UC 20						
R D R D N D L	55.25 55.25 55.25 55.25	63.13 63.13 63.13	65 DEG. AND 56.69-58.00M AT 50 DEG. A BLOCK OF RED CHERT CAUGHT UP IN THE FAULT ZONE IS AT 58.85-90.00M. A RED CHERT BLOCK IS AT 62.50-63.13M. X GNST MX SH 1 1 X 1 D UC 20						
R D R D N D L	55.25 55.25 55.25	63.13 63.13	UP IN THE FAULT ZONE IS AT 58.85-90.00M. A RED CHERT BLOCK IS AT 62.50-63.13M. X GNST MX SH 1 1 X 1 D UC 20						
R D N D L	55.25 55.25	63.13	AT 62.50-63.13M. X GNST MX SH 1 1 X 1 D UC 20						
N D L	55.25		X GNST MX SH 1 1 X 1 D UC 20						
L P		63.13							
Р	63.13		7G FC 55 V*			D.			
	63.13		10 00 1						
L		107.90	SERP MX EQ P FC 20						
			3G SH	٧.		D.			
RP	63.13	107.90	SERPENTINITE: VERY INTENSELY SHEARED. OCCASIONALLY FRAGMENTS OF						
RP	63.13	107.90	CHERT AND THE GREENSTONE OCCUR. PYRRHOTITE IS OCCASIONALLY						
RP	63.13	107.90	FOUND ON SLICKENSIDED FRACTURES AS SMEARS. SPECIFIC INTERVALS						
RP	63.13	107.90	OF GOUGE AND SLICKENSIDES INCLUDE 65.70-65.84M AT 45 DEG. AND						
RP	63.13	107.90	66.53-66.73M AT 20 DEG. A CATACLASTIC ZONE THAT SHOWS SIGNS OF						
RP	63.13	107.90	LATER FAULTING IS AT 67.53-67.60M. GOUGE AT 10 DEG. AT						
RP	63.13	107.90	67.53-67.73M. ABUNDANT FRAGMENTS OF GREENSTONE IN A CATACLASTIC						
RP	63.13	107.90	SETTING ARE FOUND AT 68.58-70.50M. FAULT AT 82.60 AT 20 DEG. NO						
RP	63.13	107.90							
R D	71.20	80.97	SERPENTINITE: THIS SECTION CONSISTS ESSENTIALLY OF ROCK WITH						
R D	71.20	80.97	THE COMPETENCY OF GOUGE. SOME CORE ANGLES ARE: 0 DEG. AT						
R D	71.20	80.97	71.63M, 40 DEG. AT 72.63M, 25 DEG. AT 75.38M, 25 DEG. AT						
R D	71.20	80.97	75.30M, 25 DEG. AT 77.10M AND 35 DEG. AT 79.80M.						
N D	71.20	80.97	X SERP MX EQ D FC 25	V		n			
R D	30 00	104.40	3G SH SERPENTINITE: INTENSELY SHEARED SERPENTINITE WITH VERY	٧.		D.			
R D	88.85 88.85	104.40	ABUNDANT SLICKENSIDED FRAGMENTS FREQUENTLY CONTAINING SPECS OF						
RD	88.85	104.40	PYRRHOTITE. LITTLE GOUGE DEVELOPMENT AS IN 71.20-80.97M.						
R D	88.85	104.40	SLICKENSIDES AT 87.46M AT 0 AND 10 DEG., AT 15 DEG. AT 90.93M,						
R D	88.85	104.40	AT 65 DEG. AT 92.20M AND AT 103.33M AT 60 DEG.						
N D	88.85	104.40	X SERP MX EQ D FC 20						
1	00.00	107170	3G SH	٧.		D(
R D	106.00	107.90	SERPENTINITE: FAULT INCLUDING 5CM GOUGE AT 106.00-106.25M AT 50	**		» (
RD	106.00	107.90	DEG. GOUGE AND SLICKENSIDES AT 60 DEG. AT 106.50-106.75M.						
N D	106.00	107.90	X SERP MX EQ D FC 20						
L	100100	101100	3G SH	٧.		D.			

SUMMARY REMARKS

DRILL HOLE WS880017 WAS COLLARED 400M NE OF HOLE WS880016 AND WAS DRILLED TO TEST THE STRONG VLF EM-16 ANOMALY THAT MARKS THE NE CONTACT OF THE SW DIORITE WITH THE ADJACENT CHERT. THE HOLE, LOCATED ON THE SW DIORITE ZONE, WAS DRILLED AT AN AZIMUTH Chevron Minerals Ltd. M577

DRILLHOLE/TRAVERSE: WS880017 (CONTINUED)

SUMMARY REMARKS

OF 205 DEG. AND A DIP OF -50 DEG. FOR A TOTAL DEPTH OF 107.90M. OVERBURDEN WAS TRICONED TO 3.85M. CHERT OCCURS FROM 3.35-48.18M A ZONE OF SHEARED GREENSTONE WAS INTERSECTED AT 48.18-63.13M. THE HOLE ENDS IN CHERT THAT EXTENDS FROM 63.13-107.90M. THE DIORITE-CHERT CONTACT WAS NOT INTERSECTED AND MUST DIP TO THE WEST.

PAGE: 3 DATE: 88/OCT/14

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	3.35		
2	3.35	5.00	79401	1.65
3	5.00	7.00	79402	2.00
4	7.00	9.00	79403	2.00
5	9.00	11.00	79404	2.00
6	11.00	13.00	79405	2.00
7	13.00	15.00	79406	2.00
8	15.00	17.07	79407	2.07
9	17.07	19.00	79408	1.93
10	19.00	21.00	79409	2.00
11	21.00	23.00	79210	2.00
12	23.00	25.00	79411	2.00
13	25.00	27.00	79412	2.00
14	27.00	29.00	79413	2.00
15	29.00	31.00	79414	2.00
16	31.00	33.00	79415	2.00
17	33.00	35.00	79416	2.00
18	35.00	37.00	79417	2.00
19	37.00	39.00	79418	2.00
20	39.00	41.00	79419	2.00
21	41.00	43.00	79420	2.00
22	43.00	45.00	79421	2.00
23	45.00	47.00	79422	2.00
24	47.00	48.18	79423	1.18
25	48.18	50.00	79424	1.82
26	50.00	52.00	79425	2.00
27	52.00	55.50	79426	3.50
28	55.50	60.00		
29	60.00	62.30	79427	2.30
30	62.30	67.00		
31	67.00	69.00	79428	2.00
32	69.00	72.00	79429	3.00
33	72.00	74.00	79430	2.00
34	74.00	76.00	79431	2.00
35	76.00	78.00	79432	2.00
36	78.00	80.00	79433	2.00
37	80.00	83.27		
38	83.27	85.65	79434	2.38
39	85.65	88.85	79435	3.20
40	88.85	90.83	79436	1.98
41	90.83	94.03	79437	3.20
42	94.03	97.54	79438	3.51
43	97.54	100.74	79439	3.20
44	100.74	103.94	79440	3.20
45	103.94	105.77	79441	1.83
46	105.77	107.90	79442	2.13