Wayside 88-19

841502

LYNX Geosystems Inc

Chevron Minerals Ltd.
M577

DRILLHOLE/TRAVERSE : WS880019

PROJECT IDEN : M577	START DATE : 88/ 8/10	COMPLETION DATE : 88/ 8/12	GEOLOGGED BY : RUB + SGM
COLLAR NORTHING: 5634180.00	COLLAR EASTING : 511328.00	COLLAR ELEVATION: 686.00	GRID AZIMUTH : 0.00
	TOTAL LENGTH : 188.30	CORE/HOLE SIZE : NQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING
000	0.00		217.00	-60.00		

K E Y	F L A G	-INTERVAL- (UNITS = MT) FROM - TO	CORE RECOVERY (%)	% M I X	ROCK TYPE	TYPIFYING MINERAL TM 1	TM 2	QAL MAT QM1	TEXTURES TX 1	TX 2	GRAIN CHARACS F	C	%	M	FRACTURE #	TK	STRUCTUR-1 T	ID	STK AZM	DIP RT	ALTERATION MINS H A QZ	H A MR	H A CY	H A AK	H A SR	ANY MIN XX	ORE-TYPE MINS H A PY	H A CP	H A LI	ANY MIN YY	SUMMARY
K E Y	F L G	ROCK QUAL DESIG	FOR MEM AGE	EN V	RT Q	LC- 3 COL		QM2	TX 3	TX 4	S O R	R N D	S H P	O / C	DIP SML	F I	T 2	ID	STK AZM	DIP RT	CA H A	MU H A	CL H A	EP H A	HE H A	HA H A	PR H A	AS H A	FS H A	HA H A	
																	STRUCTUR-2														
P		0.00 7.32				OVER										P															
R P		0.00 7.32				OVERBURDEN: GLACIAL TILL.																										
P		7.32 41.47				DIOR		EQ MX 4 5 5 5								P		V*								D(				
L						3A										5					H1										
R P		7.32 41.47				DIORITE: WEAKLY ALTERED, MINOR CHLORITIZATION AND STRONG																										
R P		7.32 41.47				BLEACHING. SHEARING AND DISSEMINATED PYRITE AT 22.24-22.48M. A																										
R P		7.32 41.47				3CM WIDE BARREN QUARTZ VEIN AT 30 DEG. AT 25.91M WITH SHEARED																										
R P		7.32 41.47				AND BLEACHED WALL ROCK. A 1CM WIDE QUARTZ VEIN WITH MINOR																										
R P		7.32 41.47				GOUGE AT 10 DEG. AT 27.50M. MINOR FAULT INDICATED BY A SINGLE																										
R P		7.32 41.47				SLICKENSIDED FRACTURE WITH PYRITE AT 10 DEG. AT 35.90M.																										
R D		7.32 10.54				DIORITE: STRONGLY BLEACHED WITH MORE ABUNDANT QUARTZ VEINING.																										
R D		7.32 10.54				FAIRLY HEAVY DISSEMINATED CHALCOPYRITE IN 4CM WIDE QUARTZ VEIN																										
R D		7.32 10.54				AT 50 DEG. AT 8.90M. THIS MINERALIZATION ACCOUNTS FOR THE BULK																										
R D		7.32 10.54				OF SULPHIDE IN THS INTERVAL. OVERALL SULPHIDE IS LOW.																										
N D		7.32 10.54				X DIOR		BL8 EQ MX 4 5 5 5								D		V*								D(				
L						8A										5					H1	D=				D(				
R N		28.03 28.96				INTERMEDIATE DYKE: VERY LOW SULPHIDE FOR THIS DEGREE OF																										
R N		28.03 28.96				BLEACHING AND QUARIZ VEINING.																										
N		28.03 28.96				X D/IN		BL8 EQ MX 3 3 X 3								N	UC	10 V=								D/				
L						8A										7	LC	30			H1									
R N		28.96 32.75				GRANITE: ALBITIZED WITH LOCAL HEAVY DISSEMINATED PYRITE.																										
R N		28.96 32.75				BARREN QUARTZ VEIN AT 40 DEG. AT 29.85-29.83M. FAULTING																										
R N		28.96 32.75				AT VEIN CONTACT INDICATED BY GOUGE.																										
N		28.96 32.75				AB X GRAN		BL8 EQ MX 4 5 7 6								N	LC	45 V1												
L						7A																									
R D		36.00 37.19				GRANITE: THE LOWER CONTACT IS SLICKENSIDED AT 10 DEG.																										
N D		36.00 37.19				AB X GRAN		BL8 EQ MX 4 5 7 6								D	FC	10 V*								D/				
L						7A		SH								8					H1									
P		41.47 44.00				FAUL		CA AG								P	UC	80 V2 O*								D(				
L								SH																						
R P		41.47 44.00				FAULT ZONE: THE ROCK IS UNIDENTIFIED FELDSPATHIC INTRUSIVE,																										

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DRILLHOLE/TRAVERSE : WS880019 (CONTINUED)

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   F  - I N T E R V A L -  CORE      %      TYPI- QAL  TEX-  GRAIN FRAC-       STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS
K  L (UNITS = MT)          RECOV-    N ROCK FYING MIN TURES CHARACS TURE            H  H  N  H  N ANY H  H  H ANY
E  A                        ERY      I      TN TN MAT TX TX F C % M         T ID STK DIP  A  A  A  A  A MIN A  A  A MIN
Y  G  F R O M  -  T O      ( % )    X TYPE  1  2 QN1  1  2 F F C P  # TK    1   AZM  RT  QZ MG CY AK SR XX PY CP LI YY  SUMMARY
- --- ------.--  ------.--  ----.- -- - ---- -- -- --- -- -- - - - - -- -- - - -- --- --- -- -- -- -- -- -- -- -- -- -- - - - -
K  F                       ROCK   FOR EN RT    TN QN2 TX TX S R S O DIP F    T ID STK DIP CA MU CL EP HE HA PR AS FS HA
E  L                       QUAL   MEM  V  Q LC- 3     3  4 O N H / SNL I    2   AZM  RT      H  H  H  H  H  H  H  H  M
Y  G                       DESIG  AGE      COL           R D P C           STRUCTUR-2       A  A  A  A  A  A  A  A
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R P 41.47 44.00 PERHAPS WITH INTRODUCED FELDSPAR. THE HOST HAS UNDERGONE
R P 41.47 44.00 CATACLASTIC METAMORPHISM AT CORE ANGLES OF 50-55 DEG. THE
R P 41.47 44.00 DEFORMATION IS CONFORMABLE WITH ABUNDANT QUARTZ STRINGERS
R P 41.47 44.00 AND AUGENS. ESTIMATED 18% QUARTZ PRESENT WHICH IS CUT BY
R P 41.47 44.00 CHLORITIC SHEATING. MARIPOSITE OCCURS PRINCIPALLY IN THE
R P 41.47 44.00 QUARTZ, EG. AT 45.80M.

P 44.00 47.90 D/FP PP 4 5 7 6 P LC 15 V3 O) D. TA
L TA 8 V+ G)
R P 44.00 47.90 FELDSPAR PORPHYRY DYKE: COLOUR VARYING FROM TAN-GREY TO
R P 44.00 47.90 PINKISH-GREY.

P 47.90 53.34 GABR EQ SH 4 5 1 5 P V(
L GA H1
R P 47.90 53.34 GABBRO: ALTERED WITH NUMEROUS GOUGE ZONES AT 20 DEG. AT
R P 47.90 53.34 48.48M. AND AT 40 DEG. AT 50.15-50.29M. GOUGE SLIPS AT 55
R P 47.90 53.34 DEG. AT 52.20-52.48M. SHEAR ZONE WITH MINOR GOUGE AT 10 DEG. AT
R P 47.90 53.34 70.75-71.65M. SHEARING AND SLICKENSIDES AT 30 DEG. AT
R P 47.90 56.34 76.00-76.31M. CONTAINS IRREGULAR GRANITIC MASSES.

P 53.34 56.00 D/FL MX EQ 3 3 X 3 P FC 80 V) D(TA
L 6A SH 7 V(H+ G*
R P 53.34 56.00 FELSIC DYKE: STRONGLY FAULTED IN PLACES. INTENSELY SHEARED WITH
R P 53.34 56.00 THE COMPETENCE OF GOUGE AT 53.80-54.46M. CORE ANGLE OF 40 DEG.
R P 53.34 56.00 AT 54.05-54.46M.

P 56.00 115.21 GABR EQ MX 4 6 5 6 P V(TA
L GA SH G*
R P 56.00 115.21 GABBRO: BECOMING MORE MAFIC WITH DEPTH. PRESUMED TO BE GABBRO
R P 56.00 115.21 AS FELDSPAR CONTENT IS LOW AND PYROXENE IS THE PRINCIPAL MAFIC.
R P 56.00 115.21 GRANITIC DYKELET AT 61.75-61.73M. SHEARING AT 60 DEG. AT
R P 56.00 115.21 56.00-57.00M. CORE CAN BE PICKED APART BY HAND BUT IS NOT YET
R P 56.00 115.21 GOUGE. INTENSE SHEARING AT 70 DEG. AT 57.40-58.20M. 10CM GOUGE
R P 56.00 115.21 AT 57.40M. SLICKENSIDED AT 10 DEG. AT 84.90M. FAULTING AT 10
R P 56.00 115.21 DEG. AT 86.24-87.08M. FAULT ZONE WITH SLICKENSIDES AT 0 AND 50
R P 56.00 115.21 DEG. AT 96.22-97.23M. SLICKENSIDED PYRRHOTITE AT 96.70M AT 10
R P 56.00 115.21 DEG. SHEARING AT 0 DEG. INCLUDING SLICKENSIDES AND MINOR GOUGE
R P 56.00 115.21 AT 98.20-98.94M. SHEAR ZONE AT 0 DEG. WITH SLICKENSIDES AND
R P 56.00 115.21 GOUGE AT 99.30-120.00M. SEVERAL MINOR FAULTS INCLUDED IN
R P 56.00 115.21 SECTION AT 108.20M AT 60 DEG., 107.79M AT 15 DEG., 108.60M AT 0
R P 56.00 115.21 DEG. AND 111.00M AT 20 DEG. GOUGE AT 111.35-111.40M.
R N 59.05 66.05 FELSIC DYKE: UPPER AND LOWER CONTACTS ARE GOUGED.
N 59.05 60.05 X D/FL MX EQ N UC 60 V+ D-
L SH LC 20 V+

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DRILLHOLE/TRAVERSE : MS880019 (CONTINUED)

K E Y	F L G	- INTERVAL - (UNITS = MT) FROM	TO	CORE RECOVERY (%)	% M I X	ROCK TYPE	TYPIFYING MIN TN	TM	QAL MIN MAT QN1	TEXTURES TX 1	TX 2	GRAIN CHARACS F	C	% M	FRACTURE P	#	TK	STRUCTUR-1 T	ID	STK AZM	DIP RT	ALTERATION MINS H A QZ	H A MU	H A CL	H A EP	H A HE	ANY MIN H A AK	H A SR	H A XX	ANY MIN H A PY	H A CP	H A LI	ANY MIN H A YY	ORE-TYPE MINS	SUMMARY
K E Y	F L G	ROCK QUAL DESIG	FOR MEN AGE	V	Q	RT LC- COL	TN 3		QN2	TX 3	TX 4	S O R D	R N P	S H C	O /	DIP SML	F I	STRUCTUR-2 T	ID	STK AZM	DIP RT	H A	H A	H A	H A	H A	H A	H A	H A	H A	H A	H A	H A	H A		
R	D	77.74	78.74																																	GABBRO: BLEACHED, INCLUDING HEAVY CALCITE VEINING AND ABUNDANT
R	D	77.74	78.74																																	CHLORITIC MICROFRACTURES. LOWER CONTACT IS FAULTED. MINOR
R	D	77.74	78.74																																	GOUGE.
N	D	77.74	78.74			X	GABR		BL9	EQ	MX	4	6	5	6		X	D		FC		20	V(												TA
L								GA		SH													V1													G*
P		115.21	135.33				GABR			SH	MX	4	6	5	6		P						V-													
L								GA		EQ							8						V.													
R	P	115.21	135.33																																	GABBRO: FAULTING INDICATED BY GOUGE AND SLICKENSIDES. SHEARING
R	P	115.21	135.33																																	AT 115.21-115.70M, SLICKENSIDES AT 0 DEG. SLICKENSIDES AT 10
R	P	115.21	135.33																																	DEG. AT 116.28M. GOUGE AND SLICKENSIDES AT 0 AND 10 DEG. AT
R	P	115.21	135.33																																	117.26-119.70M. HEAVY SHEARING AND GOUGE DEVELOPMENT AT 10 DEG.
R	P	115.21	135.33																																	AT 123.75-123.80M. FAULT ZONE AT 125.00-125.57M. SHEARING AT 10
R	P	115.21	135.33																																	DEG. AT 129.00-129.85M SLICKENSIDED AND GOUGED AT 30 DEG. AT
R	P	115.21	195.33																																	131.90-132.28M. GOUGE AND SLICKENSIDES AT 20 DEG. AT
R	P	115.21	135.33																																	134.90-135.00M.
P		135.33	196.60				DIOR			MX	SH	4	6	1	6		P			FC		20	V(		H+				D.						
L								8A		EQ							6								H1		D.									
R	P	135.33	196.60																																	DIORITE: LOW VEIN AND SULPHIDE CONTENT. FAULTING AT CONTACT.
R	P	135.33	196.60																																	GOUGED AT 0, 25 AND 50 DEG. AT 135.75M. MINOR CHALCOPYRITE
R	P	135.33	196.60																																	SEEN AT 138.50-160M. ABUNDANT MINOR GOUGE ZONES. SLICKENSIBED
R	P	135.33	196.60																																	AND SHEARED AT 137.00M AT 15 DEG. SHEARED AT 138.38M AT 45 DEG.
R	P	135.33	196.60																																	SLICKENSIDED AT 138.80M AT 35 DEG. SHEARING AND GOUGE AT 45
R	P	135.33	196.60																																	DEG. AT 139.12-139.38M. DIORITIC DYKLETS AT 164.97-165.23M,
R	P	135.33	196.60																																	174.00-174.34M AND 175.00-175.90M. DYKE AT 182.70-183.43M.
R	N	154.10	196.60																																	FAULT ZONE: ABUNDANT GOUGE AND SHEAR ZONES. THE PRINCIPAL
R	N	154.10	156.60																																	ZONE BEING 154.10-154.53M AT 20 DEG. SLICKENSIDES AT 40 AND 70
R	N	154.10	156.60																																	DEG. AT 153.30-155.75M. STRONG SHEARING ,GOUGE AND SLICKENSIDES
R	N	154.10	166.60																																	AT 40 DEG. AT 156.61-157.43M.
N		154.10	156.60			X	FAUL										N			FC		20	V1						D.						
L																							V)						D.						
R	N	162.00	164.44																																	FAULT ZONE: GOUGE SLICKENSIDES. EG. AT 160.00M AT 30 DEG., AT
R	N	162.00	164.44																																	160.20-160.43M. GOUGE AT 163.20M WITH SHEARING AT 0 DEG.
R	N	162.00	164.44																																	SHEARING AT 20 DEG. AT 163.90M AND AT 20 DEG. AT 164.20M.
N		162.00	164.44			X	FAUL										N																			
R	D	183.70	188.30																																	DIORITE: WITH SLIGHTLY HIGHER QUARTZ VEINING. GABBRO DYKE AT 40
R	D	183.70	188.30																																	DEG. AT 187.82-188.10M
N	D	183.70	188.30			X	DIOR			MX	SH	4	6	1	6		D			FC		20	V*		H+				D.						
L								8A		EQ							6								H1		D.									

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DRILLHOLE/TRAVERSE : WS880019 (CONTINUED)

S U M M A R Y R E M A R K S

DRILL HOLE WS880019 WAS COLLARED 470M SE OF WS880013 ON THE SW DIORITE ZONE AND WAS DRILLED TO TEST A STRONG VLF EM-16 ANOMALY . THIS HOLE WAS DRILLED AT AN AZIMUTH OF 217 DEG. AND A DIP OF -60 DEG. FOR A TOTAL DEPTH OF 196.60M.
OVERBURDEN WAS TRICONED TO 7.32M. DIORITE OCCURS FROM 7.32-41.47M. A FAULT ZONE WITH MINOR MARIPOSITE AND ABUNDANT QUARTZ STRINGERS WAS INTERSECTED AT 41.47-44.00M. THE HOLE ENDS IN DIORITE THAT EXTENDS FROM 115.21-196.60M.

M577 - MS000019 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
1	0.00	7.32		
2	7.32	11.28	79485	3.96
3	11.28	14.33	79486	3.05
4	14.33	17.37	79487	3.04
5	17.37	20.42	79488	3.05
6	20.42	22.86	79489	2.44
7	22.86	25.91	79490	3.05
8	25.91	28.96	79491	3.05
9	28.96	31.00	79492	2.04
10	31.00	32.75	79493	1.75
11	32.75	35.75	79494	3.00
12	35.75	38.75	79495	3.00
13	38.75	41.47	79496	2.72
14	41.47	42.75	79497	1.28
15	42.75	44.00	79498	1.25
16	44.00	46.00	79499	2.00
17	46.00	47.90	79500	2.00
18	47.90	50.29	79501	2.39
19	50.29	53.34	79502	3.05
20	53.34	56.00	79503	2.66
21	56.00	59.05	79504	3.05
22	59.05	60.05	79505	1.00
23	60.05	63.09	79506	3.04
24	63.09	66.90	79507	3.81
25	66.90	69.90	79508	3.00
26	69.90	72.90	79509	3.00
27	72.90	75.50	79510	2.60
28	75.50	77.74	79511	2.24
29	77.74	78.74	79512	1.00
30	78.74	81.74	79513	3.00
31	81.74	84.74	79514	3.00
32	84.74	87.48	79515	2.74
33	87.48	90.48	79516	3.00
34	90.48	93.25	79517	2.77
35	93.25	96.25	79518	3.00
36	96.25	99.25	79519	3.00
37	99.25	102.25	79520	3.00
38	102.25	105.25	79521	3.00
39	105.25	108.25	79522	3.00
40	108.25	111.25	79523	3.00
41	111.25	113.65	79524	2.40
42	113.65	115.21	79525	1.56
43	115.21	117.50	79526	2.29
44	117.50	122.25	79527	4.75
45	122.25	125.27	79528	3.02
46	125.27	128.27	79529	3.00
47	128.27	130.80	79530	2.53
48	130.80	132.59	79531	1.79
49	132.59	135.33	79532	2.74
50	135.33	138.38	79533	3.05
51	138.38	141.38	79534	3.00
52	141.38	144.38	79535	3.00
53	144.38	147.00	79536	2.62
54	147.00	150.00	79537	3.00

M577 - WS880019 - SAMPLE INTERVALS

LINE	FROM	TO	NUMBER	LENGTH
55	150.00	152.00	79538	2.00
56	152.00	154.10	79539	2.10
57	154.10	156.00	79540	1.90
58	156.00	158.90	79541	2.90
59	158.90	162.00	79542	3.10
60	162.00	164.40	79543	2.40
61	164.40	167.40	79544	3.00
62	167.40	170.00	79545	2.60
63	170.00	172.80	79546	2.80
64	172.80	175.11	79547	2.31
65	175.11	178.31	79548	3.20
66	178.31	181.36	79549	3.05
67	181.36	183.70	79550	2.34
68	183.70	188.30		
69	188.30	190.65	79551	2.35
70	190.65	193.70	79552	3.05
71	193.70	196.60	79553	2.90