

# DRILLING RECORD

AREA: GORDON - STAGE 1		POSITION	CO-ORDINATES:	E: 430.0655	N: 704.1338	HOLE No. <b>182</b>
LOCATION: Scott's Peak - Lake Edgar			ON LINE:	BEARING:	AT CH.	
GEOLOGICAL PLAN: A17426 SURVEY PLAN: XS 1103.		LEVEL	AT STN:	BEARING:	DIST:	FILE No.
DATES (a) DRILLED: 9-6-69 16-7-69 (b) WATER TABLE:			SURFACE	COLLAR	WATER TABLE	
METHOD: D.D. DIAMETER: N°4, NMLC.		INCL.	HOLE DRILLED		ANGLE FROM HORIZONTAL	SHEET 1 OF 7 SHEETS
SITE REMARKS:			VERT./HOR./INC.		45°	

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
0			N°4				Black			
5										
10			Nx				Black Grey			
15							Sand			} ARGILLITE, black, tabular, heavy, compositional banded. Bedding plane surfaces are shiny + graphitic.  Disseminated pyrites is common.
20							Grey			
25							Br. F.			← 26'
30							Br.			
35							F. Br.			
40							Br.			} ARGILLITE Light olive green/grey, compositionally banded argillite. Several very broken probable fault zones.
45										
50							F.			
55							F. Br.			
60							Br.			← 54'
65							Br.			
70							Br.			
75							Br.			
80							Br.			} ARGILLITE. Dark grey + black compositionally banded, increasingly calcareous with depth. Shiny, graphitic joint planes. Pyrite lenses and disseminated pyrites is common.
85							Black Grey			
90							Br. Disc.			← 86' ← 89'
95										} RE-CEMENTED FAULT BRECCIA. Brecciated pieces of light green/grey argillite in a black calcareous matrix.
100										

Br to cobbles & discs 1"-2" plus a few 3"-4" lengths. Frag. as indic. on st. col.


Bx

1"-8" M. 1"-3"

5.  
7.  
3.  
B

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LOCATION: <b>Scott's Peak - Lake Edgar</b>		ON LINE: BEARING: AT CH.	FILE No.
GEOLOGICAL PLAN: <b>A17486</b> SURVEY PLAN: <b>XS 1103</b>		AT STN: BEARING: DIST:	
DATES (a) DRILLED: <b>9-6-69</b> (b) WATER TABLE: <b>16-7-69</b>		SURFACE COLLAR WATER TABLE	SHEET <b>2</b> OF <b>7</b> SHEETS
METHOD: <b>D.D.</b> DIAMETER:		<b>981.</b>	
SITE REMARKS:		HOLE DRILLED ANGLE FROM HORIZONTAL DIRECTION	
		VERT./HOR./INC. <b>45.</b>	

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
0										
5		6'-9"	Bx							-irregular to plane of bedding. The whole appearing brecciated & generally disturbed, indicative of a re-deposited & cemented condition.
10		6'-9"								-107' Core loss + broken rock + at 110'-4" → 8" re-cemented limestone breccia pieces in a calcareous argillite matrix.
15										— FAULT.
20										
25										
30										
35										
40										
45										
50										
55										
60										
65										
70										
75										
80										
85										
90										
95										
200										

-irregular to plane of bedding. The whole appearing brecciated & generally disturbed, indicative of a re-deposited & cemented condition.

-107' Core loss + broken rock + at 110'-4" → 8" re-cemented limestone breccia pieces in a calcareous argillite matrix.

— FAULT.

> 110'-8" → 626' LIMESTONE.  
 Medium + dark grey limestone.  
 Colour - depositionally banded. Patches of white, anastomosing calcite veins  
 A few black, calcareous argillite beds  
 show re-cemented breccia characteristics.  
 - as at 240'.4" → 247'

Other features occur as at:-  
 489'-507' White calcite.  
 565'-568' " " "  
 600'-604' " " "  
 610'-616' - re-cemented calcite/limestone breccia.  
 626' - re-cemented fault breccia.

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LOCATION: <b>SCOTT'S PEAK - Lake Edgar</b>		ON LINE: BEARING: AT CH:	FILE No.
GEOLOGICAL PLAN: <b>A717486</b> SURVEY PLAN: <b>XS 1103</b>		AT STN: BEARING: DIST:	SHEET <b>3 OF 7 SHEETS</b>
DATES (a) DRILLED: <b>9-6-69</b> <b>16-7-69</b> (b) WATER TABLE:	LEVEL	SURFACE COLLAR WATER TABLE	
METHOD: <b>D.D.</b> DIAMETER:		<b>981'</b>	
SITE REMARKS:	INCL.	HOLE DRILLED ANGLE FROM HORIZONTAL DIRECTION	
		<b>45.</b>	

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
				00 40 80 100						
20'										
5'										
10'						3				
15'										
20'						4				
25'										
30'						7				
35'										
40'						2				
45'										
50'										
55'						1				
60'						3				
65'						5				
70'										
75'						4-6				
80'										
85'										
90'										
95'						4				
98'						1				

BX  
 2'-10" M 5" 8"  
 2'-10" M 5-7  
 2-4 M 2 2'-10" M 5-7  
 2-4 M 2 2'-10" M 5-7  
 M 4-0  
 2'-12" F  
 2-6 M 4-3" 75"  
 Fragm

Grey  
 Black  
 Grey

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LOCATION: <b>SCOTTS PEAK — Lake Edgar</b>		ON LINE: BEARING: AT CH:	FILE No.
GEOLOGICAL PLAN: <b>A17486</b> SURVEY PLAN: <b>XS1103</b>		AT STN: BEARING: DIST:	SHEET <b>4</b> OF <b>7</b> SHEETS
DATES (a) DRILLED: <b>9-6-69</b> (b) WATER TABLE: <b>16-7-69</b>	LEVEL	SURFACE COLLAR WATER TABLE	
METHOD: <b>D.D.</b> DIAMETER:		981.	
SITE REMARKS:	INCL.	HOLE DRILLED ANGLE FROM HORIZONTAL	
		VERT./HOR./INC. <b>45.</b>	

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY %				GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
				20	40	60	100						
30'			Bx										
5'								1					
10'								2					
15'								5					
20'								3					
25'								1					
30'								2					
35'													
40'								3					
45'													
50'								2					
55'													
60'								1/2					
65'													
70'								2					
75'													
80'								6					
85'								3					
90'								6					
95'													
100'													

3" - 3' 12" M & 6" - 8" @ 3" - 4 5/8" standards  
 F 3" - 12"  
 3" - 15" M & 8" - 10"  
 3" - 20" M & 12"

2 or 3 pieces

forey

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LOCATION: <b>SCOTTS PEAK - Lake Edgar</b>		ON LINE:	BEARING:	AT CH:	
GEOLOGICAL PLAN: <b>A17486</b> SURVEY PLAN: <b>XS1103</b>	LEVEL	AT STN:	BEARING:	DIST:	
DATES (a) DRILLED: <b>9-6-69</b> <b>16-7-69</b> (b) WATER TABLE:		SURFACE	COLLAR	WATER TABLE	
METHOD: <b>D.D.</b> DIAMETER: <b>NMLC.</b>	INCL.			<b>981.</b>	FILE No.
SITE REMARKS:		HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION	SHEET <b>5</b> OF <b>7</b> SHEETS
		VERT./HOR./INC.	<b>45.</b>		

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY %	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
0			Bx				Grey			
5										
10										
15										
20										
25										
30										
35										
40										
45										
50										
55										
60										
65			F							
70										
75										
80										
85										
90										
95										
100										

3" - 18" M 10" - 15"

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LOCATION: <b>SCOTT'S PEAK - Lake Edgar</b>			ON LINE: BEARING: AT CH:	FILE No.
GEOLOGICAL PLAN: <b>R17486</b> SURVEY PLAN: <b>XS1103</b>			AT STN: BEARING: DIST:	
DATES (a) DRILLED: <b>9-6-69</b> (b) WATER TABLE: <b>16-7-69</b>		LEVEL:	SURFACE COLLAR WATER TABLE	SHEET <b>6</b> OF <b>7</b> SHEETS
METHOD: <b>D.D.</b> DIAMETER:			<b>981.</b>	
SITE REMARKS:		INCL.	HOLE DRILLED ANGLE FROM HORIZONTAL DIRECTION	
			VERT./HOR./INC. <b>45.</b>	

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
				20 40 60 80 100						
50'			Bx				Gray			
55'										
60'										
65'										
70'										
75'										
80'										
85'										
90'										
95'										
600'										

3" - 18" M 4" - 12"  
 3" - 18" M 9" - 12"  
 1" - 2" occ

6  
4  
6  
4  
1/2  
3  
2  
1

Br

Br

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LOCATION: <b>SCOTTS PEAK - Lake Edgar</b>		ON LINE: _____	BEARING: _____	AT CH: _____
GEOLOGICAL PLAN: <b>A17486</b> SURVEY PLAN: <b>XS 1103</b>	AT STN: _____	BEARING: _____	DIST: _____	SHEET <b>7</b> OF <b>7</b> SHEETS
DATES (a) DRILLED: <b>9-6-69</b> (b) WATER TABLE: <b>16-7-69</b>	LEVEL	SURFACE _____	COLLAR _____	
METHOD: <b>D.D.</b> DIAMETER: _____	INCL.	<b>981'</b>		
SITE REMARKS: _____		HOLE DRILLED _____	ANGLE FROM HORIZONTAL <b>45°</b>	DIRECTION _____

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
0-5'			8x			1-2	Grey			
5-15'						2				
15-25'						3				
25-30'						4-6				Re-cemented, cc brecciated calcite & limestone pieces in grey argillite.
30-35'						3				628'-632'-7" Clayey dark grey black, granular FAULT BRECCIA.
35-40'						6				ARGILLITE. Medium grey, faintly compositionally banded dense & massive.
40-45'										642'-6"
45-50'						10-15				Re-cemented BRECCIA. Fine pieces of a granular & coarse sand consistency in an argillaceous matrix.
50-55'						5				651' Dark grey overall colour with scattered white breccia pieces.
55-60'										
60-65'										
65-70'						1				ARGILLITE. Light green, maroon tinged argillite with faint light + dark compositional banding. (Quartzose phyllite) Bedding severely buckled in most places & occasionally isoclinally folded. A few patches of re-cemented breccia.
70-75'						1				671'-6" ← TS 0601 Some thin quartz sandstone beds (Hematite mica in + out + are folded & broken within quartz siltstone + quartzose phyllite) argillite.
75-80'						6				ARGILLITE. First 4' of maroon & green argillite, then maroon argillite with flecks of white calcite in the bedding planes. Minor folding, normal faulting, brecciation & slumpage.
80-85'						8				
85-90'										
90-95'										
95-100'										

Hole completed: - 685'-2"  
 Logged by: *W.H. Gifford*  
 10-11-69.