

DRILLING RECORD

AREA: GORDON - STAGE 1	CO-ORDINATES: E: 429.1583	N: 703.1975	HOLE No. 180
LOCATION: Scott's Pk. - Lake Edgar	ON LINE: BEARING: AT CH:		
GEOLOGICAL PLAN: A17486 SURVEY PLAN: XS 1103	AT STN: BEARING: DIST:		FILE No.
DATES (a) DRILLED: 22.5.69 (b) WATER TABLE:	SURFACE: COLLAR: WATER TABLE:		
METHOD: D.D. DIAMETER: No. 4, N.M.L.C.		986.	
SITE REMARKS: Near peg "AA" twenty of resistivity traverse "AA"	HOLE DRILLED: ANGLE FROM HORIZONTAL: DIRECTION:		SHEET 1 OF 7 SHEETS
	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'						2	Grey			
5'										
10'										20' - 457'
15'										Medium to dark grey LIMESTONE. Often darker grey & black thinly
20'						1-3.				depositionally banded limestone is carbonaceous, massive, & bedding
25'										clearly shown at intervals. Bedding displays small scale faulting,
30'										folding & slumping, probably mostly contemporaneous.
35'						4				Re-cemented brecciation occurs in patches, & recognisable compositional
40'							Br			banding in the breccia pieces. Matrix of breccia is often white calcite &
45'										breccia is rectangular. Calcite veining is either sparse or in
50'						2				thick networks, patchily distributed through the core.
55'										Core is largely continuous & shows little evidence of solution cavities.
60'										
65'										} Anastomosing calcite vein network.
65'										
70'										
75'						1.				
80'										
85'										
90'										
95'										
100'										

3" 15" M 4.6"
 3" 15" M 4.6"
 Same 1" discs M 4.6"
 2" 4"

recem.
 Cst. brecc
 Calcite
 cemented
 Br white
 CaCO₃ vein
 FCC. Br
 FCC. Br
 Br

DRILLING RECORD

AREA: <i>GORDON - STAGE 1</i> LOCATION: <i>Scott's Pk. - Lake Edgar.</i> GEOLOGICAL PLAN: <i>A17486</i> SURVEY PLAN: <i>XS 1103</i>	POSITION LEVEL INCL.	CO-ORDINATES: E: <i>429.1583</i> N: <i>703.1575</i> ON LINE: BEARING: AT CH. AT STN: BEARING: DIST:	HOLE No. 180 FILE No. SHEET 2 OF 7 SHEETS
DATES (a) DRILLED: <i>22.5.69</i> (b) WATER TABLE: METHOD: <i>D.D.</i> DIAMETER: <i>N.M.L.C.</i>		SURFACE COLLAR WATER TABLE 986	
SITE REMARKS: <i>See sheet 1.</i>		HOLE DRILLED ANGLE FROM HORIZONTAL: <i>45°</i> DIRECTION: VERT./HOR./INC.	

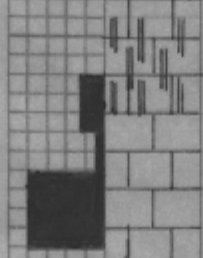
DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
				2 40 80 100						
0										
5										10" of fine, white-speckled, medium-gray limestone.
10						3				
15										
20										Thick calcite veining.
25		13" 15"								Discoidal, argillaceous limestone.
30		4" 8"								Thick calcite veining.
35										
40										
45										
50										
55										
60										
65										
70										
75										Argillaceous limestone.
80										Sandy.
85										
90										
95										
100										

3" 18" M x 6" 8"
 6" 18"

Frag of Cobbs
 & 2 lengths

F & C
 6" 18"

30°



DRILLING RECORD

AREA: GORDON - STAGE I	POSITION	CO-ORDINATES: E: 492.1583	N: 703.1576	HOLE No. 180
LOCATION: SCOTT'S PK. - Lake Edgar		ON LINE: BEARING:	AT CH.	
GEOLOGICAL PLAN: A17486 SURVEY PLAN: X 1103		AT STN: BEARING:	DIST:	
DATES (a) DRILLED: 22-5-69 (b) WATER TABLE:	LEVEL	SURFACE	COLLAR	WATER TABLE
METHOD: D.D. DIAMETER: BQWL		986		
SITE REMARKS:	INCL.	HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION
		VERT/HOR/INC.	45°	
				FILE No. SHEET 6 OF 7 SHEETS

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

AX
 3"-9"
 Cobbs + frags 3" - 9" + fragments
 6"-12" Frags
 3" - 6"

Soft argillite, conglomerate with no jointing.

Black

Grey

Br. + Grav.

Br

Br

Brn

503'-529'-6" Relatively unsorted, soft, dark grey MUDSTONE CONGLOMERATE H.W + possibly a breccia.

The pebbles are subangular to sub-rounded, of medium grey fissile argillite, + white quartz sandstones.

The conglomerate has a "mottled" appearance where it is. C.W. the softened white quartz s/s pebbles mixed with grey argillites

Larger cobbles of mudstone upto 5" in length + quartz sandstone of an original estimated 9" in length are present.

The latter broken to smaller cobbles.

529'-6" - 596' Dark grey apparent mudstone.

Breccia
Fissile, flattish, unsorted, subangular pellets in a matrix of the same argillite type.

565'-5" - Pyritic mudstone gravel → to

566' Probably represents a FAULT ZONE.

Black MUDSTONE.

DRILLING RECORD

AREA: GORDON - STAGE 2	POSITION	CO-ORDINATES: E: 429-1583	N: 703-1575	HOLE No. 180	
LOCATION: Scott's Pk. - Lk. Edgar.		ON LINE: BEARING:	AT CH:		
GEOLOGICAL PLAN: A17436 SURVEY PLAN: XS 1103		AT STN: BEARING:	DIST:		
DATES (a) DRILLED: 22.5.60 (b) WATER TABLE: B.M.C.L.	LEVEL	SURFACE	COLLAR	WATER TABLE	
METHOD: D.D. DIAMETER: B.M.C.L. Bore.		986			
SITE REMARKS:	INCL.	HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION	
		VERT/HOR/INC.	45°		
					SHEET 7 OF 7 SHEETS

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS	LEAKAGE	REMARKS
0'				2							
5'		Cobbles					Br				
10'											
15'											
20'							Grey				
25'											
30'		2"-12" a few cobbles					Vol. cury				
35'							Grey				
40'											
45'											
50'											
55'											
60'		Cobbles & 2-3" pieces					Br Cobbs				
65'											
70'											
75'											
80'											
85'											
90'											
95'											
100'											

601'.4" - 616'.10" Broken pellets + pebbles of fine limonitic SANDSTONE.

616'.10" - 637' Dark grey + black, soft, probably H.W. MUDSTONE with included, scattered, dark grey mud pellets and limonitic brown sandstone pebbles 7/8" diameter.

637' - 644'.6" H.W. light buff/grey fissile ARGILLITE.

644'.6" - 658'.7" Cobbles of dark grey medium grained quartz SANDSTONE.

40° Medium + dark grey compositionally banded ARGILLITE.

Geological Note:- above succession from limestone to end of hole is very similar to that found to immediate South of limestone, again of very similar lithology, in No 1 creek.

Hole finished 672'.2"

Logged By:- W. H. Godfrey