

DRILLING RECORD

AREA: Gordon - Stage 1	DATE: E: 429-1463 N: 703-1021	HOLE No. 189	
LOCATION: Scotts Peak - Lake Edgar	ON LINE: BEARING: AT CH:	FILE No.	
GEOLOGICAL PLAN: A 17486 SURVEY PLAN: X 51103	AT STN: BEARING: DIST:	SHEET 1 OF 8 SHEETS	
DATES (a) DRILLED: Oct '69 (b) WATER TABLE:	SURFACE COLLAR WATER TABLE		
METHOD: DD DIAMETER: NMLC: BMLC	LEVEL: 1021		
SITE REMARKS: On low ridge just to west of AA26 peg of AA resistivity traverse.	HOLE DRILLED: ANGLE FROM HORIZONTAL: 90°	DIRECTION:	
	VERT. WORKING:		

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY %	GRAPHIC LOG	JOINTS No. Per Foot	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
0							Grey Brown			Bedding - dip angle in core ↓
5							White			
10										
15										
20										
25										
30										
35							Brown			
40			NX			4	White			QUARTZ SANDSTONE. MH to HW. White + light grey, often mottled and saccharoidal, occasionally pebbly. Often loosely bound by a white clayey matrix which could possibly be decomposed. Bedding planes are sometimes defined by thin light green clay partings. Joints are common & the core is generally very broken.
45						6	Br.			
50										
55										
60							Br.			
65										
70										
75						10			70°	
80										
85							Br.			FAULT BRECCIA. Lw quartz sandstone pieces set in a medium to dark grey clay. WHITE QUARTZ SANDSTONE. FAULT BRECCIA. Quartz sandstone pieces in a medium grey clay.
90							Grey			
95						4-6				QUARTZ SANDSTONE. F. white, crystalline + medium grained FAULT BRECCIA. Quartz sandstone + mudstone pieces in
100										

Frag. in Cobble.

F. & C. 1/4"

2"-6" some frags. Cobble & one 6" length 1 of 6"

DRILLING RECORD

AREA: GORDON - STAGE 1.		CO-ORDINATES: E. 429 1483 N. 703-1021		HOLE No. 189
LOCATION: Scott's Pk. - Lake Edgar.		ON LINE:	BEARING:	AT CH.
GEOLOGICAL PLAN A 174 86 SURVEY PLAN: X.S. 1103.		AT STN:	BEARING:	DIST.
DATES (a) DRILLED: Oct. 67 (b) WATER TABLE:		SURFACE	COLLAR	WATER TABLE
METHOD: D.D. DIAMETER: N.M.L.C., B.M.L.C.		1021		
SITE REMARKS: See sheet 1.		HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION
		VERT. / NON VERT.	90°	
		SHEET 2 OF 8 SHEETS		

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
0-10'			Nx			Very Crumbly Br	White			100'-6" a grey whorled and banded argillite matrix.
10-11'						6	Grey			PEBBLY WHITE QUARTZITE with green clay partings, white clay matrix + some limonite staining.
11-15'								80°		110' CONGLOMERATE, with pebbles of quartz sandstone, light + medium grey chert. (one 1" pebble of dark massive, fine-grained argillite)
15-20'										QUARTZ SANDSTONE, white, medium grained with light green clay partings.
20-25'										121'-6" FAULT BRECCIA
25-30'										CONGLOMERATE. Unsorted, with longitudinal fragments of dark grey argillite H to bedding. Discontinuous and sinuous with dark grey argillaceous partings. Pebbles of light grey banded chert, red grey chert, quartz sandstone + quartzite / quartz.
30-35'						1		Vertical		127'-6" QUARTZ SANDSTONE F to S.W. Light grey + white.
35-40'						4				
40-45'										
45-50'										
50-55'										147'-3" 6" of FAULT BRECCIA. Quartz sandstone pieces in a grey clay.
55-60'										150'-7" FAULT BRECCIA. Angular quartz sandstone pieces in medium + buff grey clay.
60-65'								85°		
65-70'										
70-75'										QUARTZ SANDSTONE. Greyish white. Small resolution holes common of up to 5 mm. diameter. Pyrite vugs present, laminations of dark grey sandstone, + occasional small, scattered small pebbles. loc is Fresh and hard.
75-80'								80°		
80-85'										178'-6" INTERBEDDED s/s + ARGILLACEOUS s/s. (Argillaceous fraction is grey. Some sandstone bands of 2 cm. width + set in a brecciated condition.
85-90'						20 B.P.	Grey.			
90-95'										
95-100'						5				188'-6" QUARTZITE. Hard, vitreous, white crystalline, with occasional iron-stained joints.

DRILLING RECORD

AREA: GORDON - STAGE 1	CO-ORDINATES:	E: 429.1483	N: 703.1021	HOLE No.
LOCATION: Scott's Pt - Lake Edgar.	ON LINE:	BEARING:	AT CH:	189
GEOLOGICAL PLAN: A17486 SURVEY PLAN: XS 1103.	AT STN:	BEARING:	DIST:	FILE No.
DATES (a) DRILLED:	(b) WATER TABLE:			SHEET 4 OF 8 SHEETS
METHOD: D.D.	DIAMETER: N.M.L.C., B.M.L.C.			
SITE REMARKS: See sheet 1.				HOLE DRILLED
				ANGLE FROM HORIZONTAL
				VERT. / HORIZ. / INC.
				90°
				DIRECTION

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY %				GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
				0-100	100-200	200-300	300-400						
30'			Bx						Nil.		60°		
5'													
10'									Mud.		Vertical		
15'									18" lengths.				
20'									Br				
25'													
30'													
35'													
40'													
45'								3			80°		
50'													
55'													
60'								1-3					
65'											70°		
70'													
75'													
80'													
85'													
90'													
95'													
400'								12.					

3" - 12" M 4" - 7" Occ < 2"

1 1/2" Cobble some 2" - 4"

PEBBLY QUARTZ SANDSTONE
 with grey argillaceous partings.

304

321-6"

Br 2
a few lengths.

DRILLING RECORD

AREA: GORDON - STAGE 1	CO-ORDINATES: E 429.1483	N: 703.1021	HOLE No. 189
LOCATION: Scott's Pt. - Lake Edgar.	ON LINE: BEARING:	AT CH:	FILE No.
GEOLOGICAL PLAN: A17486 SURVEY PLAN: XS 1103.	AT STN: BEARING:	DIST:	
DATES (a) DRILLED: Oct '69 (b) WATER TABLE:	LEVEL: SURFACE	COLLAR	WATER TABLE
METHOD: D.D. DIAMETER: N.M.L.C., B.M.L.C.	1021		SHEET 5 OF 8 SHEETS
SITE REMARKS: See sheet 1.	INCL. HOLE DRILLED	ANGLE FROM HORIZONTAL	
	VERT. / HOR. INCL.	90°.	

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

Cobbles. 2" - 6" size. 2" - 6" size. 2" - 6" size.

Bx

2" - 6" Occ 12" - 15" & 18"

Br. Br.

75°

← 428'

8
15" length

Vertical.

Grey

80°

Br. Br.

75°

Bedding plane.

Br.

65°

Bedding plane.

Br.

To 505' SILTSTONE + FINE GRAINED SANDSTONE.

The latter in the minority.
The siltstone is black & interbedded in fine laminations with medium grey sandstone.
The rock is relatively mass & joints few; they usually occur along bedding planes and have shiny graphitic surfaces.

DRILLING RECORD

AREA: GORDON - STAGE 1	POSITION	CO-ORDINATES: E: 429.1483	N: 703.1021	HOLE No. 189
LOCATION: Scott's Pt. - Lake Edgar.		ON LINE: _____	BEARING: _____	AT CH: _____
GEOLOGICAL PLAN: A17486 SURVEY PLAN: XS 1103.	LEVEL	AT STN: _____	BEARING: _____	DIST: _____
DATES (a) DRILLED: Oct. 69 (b) WATER TABLE: _____		SURFACE	COLLAR	WATER TABLE
METHOD: D.D. DIAMETER: N.M.L.C., B.M.L.C.	1021			HOLE DRILLED
SITE REMARKS: See Sheet 1.	ANGLE FROM HORIZONTAL			
	90°			
	INCL.			

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
0										
5	4 5/8" P				Bedding plane.	Br.	Grey		65°	
10	2"					Br.				505'
15	2" M 4 6"					Br.				QUARTZ SANDSTONE, Greyish white. Begins coarse grained and loose packed then finer grained & 526', when it again becomes coarser + with pebbles. Sandstone has scattered holes ± 5 m.m. in diameter.
20	2"-15" M 4 6"				2"-3"					
25	3"-6"				6					
30										530'.6"
35										
40	1"-6" M X 3"									
45					Bedding plane.	Br.				
50	1"-6" M X 4"					Br.			65°	SANDSTONE, SILTSTONE + ARGILLITE. Interbedded, the 40' of white + medium grey color + the siltstone + argillite being dark grey.
55	2"-6" M X 4"					Br.				
60	1"-2" F.					Br.				
65						Br.			60°	565'
70						Br.				
75						Br.			85° Vertical to 614'	
80						Br.				
85										
90										
95										
98										

DRILLING RECORD

AREA: GORDON - STAGE 1	POSITION	CO-ORDINATES: E: 429-1483	N: 703-1021	HOLE No. 189
LOCATION: Scott's Pk. - Lake Edgar.		ON LINE: BEARING: AT CH:		
GEOLOGICAL PLAN: A17486 SURVEY PLAN: XS 1103.		AT STN: BEARING: DIST:		
DATES (a) DRILLED: Oct. '69 (b) WATER TABLE:	LEVEL	SURFACE	COLLAR	WATER TABLE
METHOD: D.D. DIAMETER: N.M.L.C., B.M.L.C.		1021		
SITE REMARKS: See Sheet 1.	INCL.	HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION
		VERT. MOD. / INC.	90°	
				SHEET 7 OF 8 SHEETS

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						
0'													
5'													
10'								5					
15'													
20'													
25'								4					
30'													
35'								2					
40'													
45'													
50'													
55'								6					
60'													
65'													
70'													
75'													
80'													
85'													
90'													
95'													
700'													

3" - 15" M. & 5" & 10" P.C.C.

3" - 10" M & 6"

Frags. Pieces. G.

Grey

70° to 675'

65° to 680'

55° to 60° to 715'

SILTSTONE, ARGILLITE & SANDSTONE
 Dark grey siltstone and argillite, compositionally banded, with fine, light grey sandstone laminations.
 Joints with a shiny graphitic surface.
 Some thinly disseminated pyrites + occasional vugs of pyrites up to 2cm. diameter.

693'

DRILLING RECORD

AREA: GORDON - STAGE 1		CO-ORDINATES: E. 429.1483 N. 703.1021		HOLE No. 189
LOCATION: Scott's Pt. - Lake Edgar.		ON LINE: BEARING: AT CH.	FILE No.	
GEOLOGICAL PLAN: A17486 SURVEY PLAN: XS 1103.		AT STN: BEARING: DIST:	SHEET 8 OF 8 SHEETS	
DATES (a) DRILLED: Oct. 69 (b) WATER TABLE:		SURFACE COLLAR WATER TABLE		
METHOD: D.D. DIAMETER: N.M.L.C., B.M.L.C.		LEVEL: 1021		
SITE REMARKS: See sheet 1.		HOLE DRILLED ANGLE FROM HORIZONTAL DIRECTION		
		VERT. W.C./INC. 90°		

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
70'							Grey			<p>QUARTZ SANDSTONE - PEBBLY. With black, argillaceous partings, unsorted scattered or close packed pebbles, angular & rounded pebbles. Pebbles 5mm. to 6cm. But most < 5/16". Partings lenses of black argillite are common.</p>
70.5'										
75'										<p>SILTSTONE</p>
75.5'										
80'										<p>Interbedded quartz sandstone + siltstone, as indicated. Siltstone is argillaceous + grades in places to a coarse argillite. Fine parallel sandstone laminations are common.</p>
80.5'										
85'										<p>QUARTZ SANDSTONE.</p>
85.5'										
90'										<p>Pyrites - in veins + often in vesicles with quartz crystals - are common.</p>
90.5'										
95'										<p>From 719'-735' slump, folding & buckling, faulting & brecciation are common, though also present elsewhere.</p>
95.5'										
100'										<p>SILTSTONE.</p>
100.5'										
105'										<p>QUARTZ SANDSTONE</p>
105.5'										
110'										<p>SILTSTONE.</p>
110.5'										
115'										<p>QUARTZ SANDSTONE</p>
115.5'										
120'										<p>SILTSTONE.</p>
120.5'										
125'										<p>QUARTZ SANDSTONE</p>
125.5'										
130'										<p>SILTSTONE.</p>
130.5'										
135'										<p>QUARTZ SANDSTONE</p>
135.5'										
140'										<p>SILTSTONE.</p>
140.5'										
145'										<p>QUARTZ SANDSTONE</p>
145.5'										
150'										<p>SILTSTONE.</p>
150.5'										
155'										<p>QUARTZ SANDSTONE</p>
155.5'										
160'										<p>SILTSTONE.</p>
160.5'										
165'										<p>QUARTZ SANDSTONE</p>
165.5'										
170'										<p>SILTSTONE.</p>
170.5'										
175'										<p>QUARTZ SANDSTONE</p>
175.5'										
180'										<p>SILTSTONE.</p>
180.5'										
185'										<p>QUARTZ SANDSTONE</p>
185.5'										
190'										<p>SILTSTONE.</p>
190.5'										
195'										<p>QUARTZ SANDSTONE</p>
195.5'										
200'										<p>SILTSTONE.</p>
200.5'										
205'										<p>QUARTZ SANDSTONE</p>
205.5'										
210'										<p>SILTSTONE.</p>
210.5'										
215'										<p>QUARTZ SANDSTONE</p>
215.5'										
220'										<p>SILTSTONE.</p>
220.5'										
225'										<p>QUARTZ SANDSTONE</p>
225.5'										
230'										<p>SILTSTONE.</p>
230.5'										
235'										<p>QUARTZ SANDSTONE</p>
235.5'										
240'										<p>SILTSTONE.</p>
240.5'										
245'										<p>QUARTZ SANDSTONE</p>
245.5'										
250'										<p>SILTSTONE.</p>
250.5'										
255'										<p>QUARTZ SANDSTONE</p>
255.5'										
260'										<p>SILTSTONE.</p>
260.5'										
265'										<p>QUARTZ SANDSTONE</p>
265.5'										
270'										<p>SILTSTONE.</p>
270.5'										
275'										<p>QUARTZ SANDSTONE</p>
275.5'										
280'										<p>SILTSTONE.</p>
280.5'										
285'										<p>QUARTZ SANDSTONE</p>
285.5'										
290'										<p>SILTSTONE.</p>
290.5'										
295'										<p>QUARTZ SANDSTONE</p>
295.5'										
300'										<p>SILTSTONE.</p>
300.5'										
305'										<p>QUARTZ SANDSTONE</p>
305.5'										
310'										<p>SILTSTONE.</p>
310.5'										
315'										<p>QUARTZ SANDSTONE</p>
315.5'										
320'										<p>SILTSTONE.</p>
320.5'										
325'										<p>QUARTZ SANDSTONE</p>
325.5'										
330'										<p>SILTSTONE.</p>
330.5'										
335'										<p>QUARTZ SANDSTONE</p>
335.5'										
340'										<p>SILTSTONE.</p>
340.5'										
345'										<p>QUARTZ SANDSTONE</p>
345.5'										
350'										<p>SILTSTONE.</p>
350.5'										
355'										<p>QUARTZ SANDSTONE</p>
355.5'										
360'										<p>SILTSTONE.</p>
360.5'										
365'										<p>QUARTZ SANDSTONE</p>
365.5'										
370'										<p>SILTSTONE.</p>
370.5'										
375'										<p>QUARTZ SANDSTONE</p>
375.5'										
380'										<p>SILTSTONE.</p>
380.5'										
385'										<p>QUARTZ SANDSTONE</p>
385.5'										
390'										<p>SILTSTONE.</p>
390.5'										
395'										<p>QUARTZ SANDSTONE</p>
395.5'										
400'										<p>SILTSTONE.</p>
400.5'										
405'										<p>QUARTZ SANDSTONE</p>
405.5'										
410'										<p>SILTSTONE.</p>
410.5'										
415'										<p>QUARTZ SANDSTONE</p>
415.5'										
420'										<p>SILTSTONE.</p>
420.5'										
425'										<p>QUARTZ SANDSTONE</p>
425.5'										
430'										<p>SILTSTONE.</p>
430.5'										
435'										<p>QUARTZ SANDSTONE</p>
435.5'										
440'										<p>SILTSTONE.</p>
440.5'										
445'										<p>QUARTZ SANDSTONE</p>
445.5'										
450'										<p>SILTSTONE.</p>
450.5'										
455'										<p>QUARTZ SANDSTONE</p>
455.5'										