

GEOLOGICAL LOG OF DRILL HOLE

AREA: GORDON STAGE 1: SUTTS PEAK		POSITION	CO-ORDINATES: E: 429.1692 N: 704.0010	HOLE No. 200	
LOCATION: STORAGE AREA			ON LINE: BEARING: AT CH		
GEOLOGICAL PLAN: SURVEY PLAN: X51103			AT STN: BEARING: DIST:	FILE No.	
DATES (a) DRILLED: (b) WATER TABLE:		LEVEL	SURFACE COLLAR WATER TABLE	SHEET 1 OF 3 SHEETS	
METHOD: DIAMOND HYDRAULIC CORE SIZE: NMLC			981		
FR Fresh	MW Moderately Weathered	INCL.	HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION
FRST Fresh Stained Joints	HW Highly Weathered		VERT/HOR/INC.	45° app.	South
SW Slightly Weathered	CW Completely Weathered				

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	STRUCTURES JOINTS- No/Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	Logged by: VE. Thomson	Checked by:	Date: June 1969
0												
5												
10												
15												
20												
25												
30												
35												
40												
45												
50												
55												
60												
65												
70												
75												
80												
85												
90												
95												
100												

Core 1: sticks mostly 3-6, 12 ins up to 20 ins, some fragments 1 in, and 2 ins.

Mostly sticks 2-6, 8 ins to 14 ins

Dark grey ARGILLITE reported

← 12 ins soft rock

LIMESTONE, grey with carbonaceous partings,
FR cut by white calcite veinlets.

← TS 0512 (Limestone recrystallized with carbonaceous layers).

LIMESTONE, grey, with black carbonaceous bands, calcite veined
FR

massive, grey, LIMESTONE, with dark partings, calcite veined

Bedding at 10° to normal to core axis

graphite coated joint flat lying

Bedding at 10-20°

Bedding locally at 30°

soft carbonaceous band

Joint at 60° trace of calcite

Bedding at 20°

graphite coated joint at 80°

Bedding at 25° irregular calcite patches

Bedding at 20-30°

dark, irregular fract. here subparallel to core persists 12 ins

GEOLOGICAL LOG OF DRILL HOLE

AREA: GORDON STAGE 1: SLOTT'S PEAK DAM		CO-ORDINATES: E: 429.1692 N: 704.0010		HOLE No.
LOCATION: STORAGE AREA		ON LINE:	BEARING:	AT CH:
GEOLOGICAL PLAN: SURVEY PLAN:		AT STN:	BEARING:	DIST:
DATES (a) DRILLED: (b) WATER TABLE:		SURFACE:	COLLAR:	WATER TABLE:
METHOD: DIAMOND HYDRAULIC CORE SIZE: NMLC		HOLE DRILLED:		ANGLE FROM HORIZONTAL:
FR Fresh MW Moderately Weathered FRST Fresh Stained Joints HW Highly Weathered SW Slightly Weathered. CW Completely Weathered		VERT./HOR./INC.		DIRECTION:
				SHEET 2 OF 3 SHEETS

Logged by: VE. Thomson
Checked by:
Date: 12 July 1969

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	STRUCTURES, JOINTS, etc.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	
0										
10'						Bedding at 10°				LIMESTONE, grey with dark partings, microfaulted white calcite veinlets.
15'						Joint graphite coated, slickensided, trace of pyrite				FR
20'						Closely broken limestone				
30'						Bedding at 30°				
35'						deformed, veined zone				
40'						graphite coated joint				
45'						Soft rock joint parallel bedding at 40°				
50'						graphite coated joint subparallel to core, persists up to 6 ins				
55'						Bedding subparallel to core, persists 15 ins				
60'						Joint graphite coated at 60°				
65'						Bedding at 15°				
70'						Bedding at 20°				
75'						microfold or slump				
80'						Bedding at 10-20°				LIMESTONE, grey, with microfaulted white lenses and veinlets of calcite
85'						deformed, veined zone				FR
90'						Joint at 70° dark calcite				Dark carbonaceous layers locally alternate with coarser grained calcite rich layers. Locally finely laminated.
95'						Bedding at 30°				TS 0502 (Pony-stalled limestone with carbonaceous partings)

sticks mostly 3, 6, 12 ins

mostly sticks mostly 2, 6, 12

sticks mostly 3, 6, 12 ins, some 24 sticks 3-6, 12 ins

GEOLOGICAL LOG OF DRILL HOLE

AREA: GORDON STAGE 1: SCOTTS PEAK		POSITION	CO-ORDINATES: E. 429. 1692 N: 704. 0013	HOLE No. 200
LOCATION:			ON LINE: BEARING: AT CH:	
GEOLOGICAL PLAN: SURVEY PLAN:			AT STN: BEARING: DIST:	FILE No.
DATES (a) DRILLED: (b) WATER TABLE:		SURFACE COLLAR WATER TABLE		
METHOD: CORE SIZE:		LEVEL	981	SHEET 3 OF 3 SHEETS
FR Fresh MW Moderately Weathered FRST Fresh Stained Joints HW Highly Weathered SW Slightly Weathered. CW Completely Weathered			HOLE DRILLED ANGLE FROM HORIZONTAL: DIRECTION	
		INCL.	VERT./HOR./INC.	

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	STRUCTURES JOINTS No Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	Logged by: V.E. Thomson	Checked by:	Date:
0												
5												
10												
15												
20												
25												
30												
35												
40												
45												
50												
55												
60												
65												
70												
75												
80												
85												
90												
95												
100												

Core in sticks mostly 6, 12, 18 ins some 24 ins

Joint at 70" graphite coated
Bedding at 10"
Joint at 60" graphite coated
calcrete vein 2-2 1/2 ins wide
Joint at 85" graphite coated

LIMESTONE, grey, with dark partings, cut by white calcrete veinlets.

END OF HOLE 233 ft 9 ins

