

GEOLOGICAL LOG OF DRILL HOLE

AREA: GORDON STAGE 1: SCOTT'S PEAK DAM		CO-ORDINATES: E: A24 0588	N: 701 2950.	HOLE No. 152
LOCATION: RED KNOLL QUARRY SITE		ON LINE: PC 1577 SCOTT'S PK	BEARING: 0° 00'	
GEOLOGICAL PLAN: SURVEY PLAN:		AT STN: PC 1577	BEARING: 259° 30'	DIST: 217'
DATES (a) DRILLED: 20-11-69 (b) WATER TABLE: 2-12-69		SURFACE	COLLAR	WATER TABLE
METHOD: DIAMOND HYDRAULIC CORE SIZE: NMLL		1330		
FR Fresh MW Moderately Weathered		HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION
FRST Fresh Stained Joints HW Highly Weathered		VERT./HOR./INC.	60°	
SW Slightly Weathered. CW Completely Weathered				SHEET 2 OF 2 SHEETS

DEPTH	LOG	RECOVERY	GRAPHIC LOG	STRUCTURES JOINTS, etc	FLUID RETURN	GROUND WATER	ROCK AND SUITABILITY	Notes	Vertical Orientation
10'	NMLL			Diffuse bedding layers at 20'	Red		Acceptable	NOTE: Quartzite and red Argillite locally are interbedded and siltstone and Claystone varieties are recognized.	QUARTZITE and ARGILLITE
15'				Bedding at 20'			FRST	mostly SILTSTONE interbedded with fine grained QUARTZITE	
20'				Joints at 70° limestone stained			Considered	mostly CLAYSTONE with SILTSTONE	ARGILLITE
25'				Much limestone Joints at 30° 40° crumpled bedding Bedding at 70° limestone stained			A	finely laminated SILTSTONE and CLAYSTONE, grey-red FR and SA	
30'				Joint at 80° limestone stained			Acceptable	Driller reports water lost at 147 ft returned at 148 ft.	
35'							FR	mostly QUARTZITE, grey-red	
40'									
45'									
50'									
55'									
60'									
65'									
70'									
75'									
80'									
85'									
90'									
95'									
100'									
105'									
110'									
115'									
120'									
125'									
130'									
135'									
140'									
145'									
150'									
155'									
160'									
165'									
170'									
175'									
180'									
185'									
190'									
195'									
200'									
205'									
210'									
215'									
220'									
225'									
230'									
235'									
240'									
245'									
250'									
255'									
260'									
265'									
270'									
275'									
280'									
285'									
290'									
295'									
300'									

12" dia. 36, 12 ins. fragments by 11m, fines

END OF HOLE

151 ft 8 ins

some of marginal suitability

QUARTZITE and ARGILLITE

Logged by: *VE Thomson*
 Checked by:
 Date: