

DRILLING RECORD

3724

AREA: <i>MERSEY FORTH POWER DEVELOPMENT</i>		CO-ORDINATES:		E:	N:	HOLE No.
LOCATION: <i>Parangana Damite Left Bank</i>		ON LINE: <i>HA177 F66</i>		BEARING: <i>0°00'</i>	AT CH:	<i>5768</i>
GEOLOGICAL PLAN: <i>A8777</i> SURVEY PLAN: <i>34200873D</i>		AT STN: <i>HA177</i>		BEARING: <i>268°28'</i>	DIST: <i>160'</i>	FILE No.
DATES (a) DRILLED: <i>4-7-64</i> (b) WATER TABLE:		LEVEL:		SURFACE	COLLAR	WATER TABLE
METHOD: <i>D.P.</i> DIAMETER: <i>NX, NMAC.</i>		INCL.		<i>1135.</i>		
SITE REMARKS: <i>Left bank on dam axis.</i>		HOLE DRILLED		ANGLE FROM HORIZONTAL	DIRECTION	SHEET 1 OF 2 SHEETS
		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
0-3'										Screen and talus, derived from quartzite
3-19'										Drift. Mostly angular pebbles of quartzite with a few sub-rounded pebbles of dolerite in a mottled, yellowish-reddish brown (doleritic) sandy clay matrix. A 2'6" quartzite boulder at base with weathered dolerite pebble and doleritic matrix below.
19-59'										Periglacial Solifluction Material. Angular to sub-rounded fragments of quartzite (predominating) and schist in a yellowish-reddish brown sandy clay.
59-63'										Fluvial and/or Fluvio-glacial Material. Coarse yellowish-brown, quartzite and schist sand.
63-81'										Periglacial Solifluction Material. Angular to sub-rounded fragments of quartzite (predominating) and schist in a yellowish-reddish brown sandy clay.
81-90'										Fluvial and/or Fluvio-glacial Material. Yellowish-brown, medium-grained quartzite sand.
90-114'										Possibly Lake Depositor Till. Reddish-brown clay with packets of sand and a few quartzite pebbles.

Small pebbles and matrix.
Broken pieces and lengths to 6"

MADE
60'
GROUND WATER DISTURBED

MADE

DRILLING RECORD

AREA: MERSEY FORTH POWER DEVELOPMENT		CO-ORDINATES:	E:	N:	HOLE No. 5768
LOCATION: Parangana Damsite Left Bank		ON LINE: HA 177 FCG	BEARING: 0°00'	AT CH:	
GEOLOGICAL PLAN: A8777 SURVEY PLAN: S4200 8730		AT STN: HA177	BEARING: 264°25'	DIST: 160'	FILE No.
DATES (a) DRILLED:		(b) WATER TABLE:		LEVEL:	
METHOD: D.D. DIAMETER:		SURFACE		COLLAR	
SITE REMARKS:		HOLE DRILLED		ANGLE FROM HORIZONTAL	
		VERT./HOR./INC.		DIRECTION	
				SHEET 2 OF 2 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 5'					2" Quartzite P.					
110'					1" Quartzite P.					
110'					2" Quartzite P.					
115'					3" Quartzite P.					Fluvial and/or Fluvio-glacial Material 114'-120' Fine, yellowish-brown quartzite and schist sand.
120'										
125'					2" Quartzite P.					120'-125' Yellowish-brown clayey sand with a few pebbles
130'					1" Quartzite P.					
130'					2" Basalt P.					
135'					2" Quartzite P.					
140'					1" Quartzite P.					Probably a mixture of Periglacial Solifluction Material and Fluvial and/or Fluvio-glacial Material. 125'-126' Angular to sub-rounded pebbles of quartzite (and one basalt pebble at 129'6") in a yellowish-brown sandy-clay matrix. Some pockets of sand. Between 140' and 165' drill advanced under own weight in sand layers.
145'					2" Quartzite P.					
150'					1" Quartzite P. Sub-rounded					
150'					1" Quartzite P. CAVED.					
155'					2" Quartzite P.					
160'					2" Quartzite P. Sub-rounded					
165'					1" Quartzite P.					
170'					1" Quartzite P.					
170'					1" Quartzite P.					
175'					1" Quartzite P.					
175'					2" Quartzite P.					
180'					2" Quartzite P.					
180'					1" Quartzite P.					
185'					2" Quartzite P.					
185'					1" Quartzite P.					
190'					1" Quartzite P.					
190'					1" Quartzite P.					
195'					2" Quartzite P.					
195'					1" Quartzite P.					
195'					1" Quartzite P.					
200'										196' Core barrel lost in hole. Hole Abandoned. Logged by: S.T. Paterson 11.11.64.