

DRILLING RECORD

SCHEME: *Mersey-Forth Power Development.*

LOCATION: *Parangana Dam site.*

POSITION PLOTTED ON DRAWING No. *S42008730*

DATES: (a) DRILLED: *Sept, 62.* (b) WATER TABLE.

METHOD USED: *DD* DIAMETER *NX, BX, AX.*

SITE REMARKS:
Right bank spillway cut.

POSITION	CO-ORDINATES	E	N.	HOLE No. <i>5740</i>
	ON LINE <i>D.H. 5739</i> <i>HA. 120.</i>	BEARING <i>133° 12'</i>	AT CH.	
LEVEL	FROM STN. <i>D.H. 5739</i>	BEARING <i>0° 00'</i>	DIST <i>141'</i>	FILE No.
	SURFACE	FORMATION	WATER TABLE	
INCL	1175.			
	HOLE DRILLED	DEPRESSION ANG.	INCL BEARING.	SHEET / OF SHEETS
	VERT. HORING			

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	WATER PRESSURE TESTS	REMARKS
	0		0.2 0.4 0.6 0.8 1.0					0-10' <i>Quartzite & schist scree and talus.</i>
	5							
	10							
	15							
	20							
	25							
	30							
	35							<i>Drift - Till and Fluvio-glacial material consisting of boulders, pebbles, sand, silt and clay.</i>
	40							<i>10-59' boulders to 18" diameter with dolerite predominating, few quartzite pebbles. No matrix recovered.</i>
	45							
	50							
	55							
	60							<i>58'-70' Unable to seal with both hydraulic and mechanical packers.</i>
	65							<i>59' 6" - 60' Soft, yellowish-brown to dull grey decomposed schist grading to partially weathered schist; core in broken pieces and lengths to 4".</i>
	70							<i>70'-80' Hard fresh bluish-grey schist, moderately jointed, joints clean, tight with thin quartz veins; dip of foliation 75° to vertical; core in lengths to 3'.</i>
	75							
	80							
	85							
	90							
	95							

Hole Completed 80'

*Logged by:
S. J. Paterson
17. 10. 62.*