

DRILLING RECORD

AREA: <i>Mersey-Forth Power Development</i>	CO-ORDINATES:	E:	N:	HOLE No.
LOCATION: <i>Lenonthyme Penstock.</i>	ON LINE: <i>W446</i>	BEARING: <i>0°00'</i>	AT CH.	5832.
GEOLOGICAL PLAN <i>A10656</i> SURVEY PLAN: <i>S413875½</i>	AT STN: <i>W446</i>	BEARING: <i>190°42'</i>	DIST: <i>212</i>	
DATES (a) DRILLED: <i>Aug. 63</i> (b) WATER TABLE:	LEVEL: SURFACE	COLLAR	WATER TABLE	FILE No.
METHOD: <i>D.D.</i> DIAMETER: <i>NX, NMLC.</i>	1060'			SHEET
SITE REMARKS: <i>Left bank of tributary of Lenonthyme Creek - near peg W446.C.</i>	INCL. HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION	1
	VERT. <i>1060'</i>			OF
				1
				SHEETS

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
0										
5										<p><i>River gravels and talus — 0-10' cobbles and pebbles of dolerite, quartzite, schist and basalt, sand silt and clay. Angular to sub-rounded cobbles to 4" diameter.</i></p>
10										
15										<i>14' ½" Black carbonaceous shale.</i>
20										<i>22' ½" Black carbonaceous shale.</i>
25										<p><i>Interbedded dark grey to black, compacted but unconsolidated slays, silts and sands containing numerous pebbles and granules of quartzite, dolerite and schist and thin bands (to 3") of black carbonaceous shale. Angular to sub-rounded pebbles to 1" diameter. Fine sand banding (½" to ¼") increasing in rhythm towards the base of the section. Dip 10° to 30°.</i></p>
30										
35										
40										
45										
50										<i>42½' 3" Black carbonaceous shale.</i>
55										<i>44' 2" Black carbonaceous shale.</i>
60										<p><i>55'-61' White to light grey angular to sub-rounded pebbles of quartzite.</i></p>
65										
70										<p><i>61'-63' Dark grey, medium hard, partially weathered minor schist with ½" Quatz boudin.</i></p>
75										
80										<p><i>N.B. 10' - 61' Channel filling of Pleistocene age.</i></p> <p style="text-align: center;"><i>Hole Completed 63' 8"</i></p>
85										
90										
95										
100										

Bedding plane partings

MADE

Logged by:
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& G. Rawlings.
12. 11. 63.