

DRILLING RECORD

AREA: MERSEY FORTH POWER DEVELOPMENT		CO-ORDINATES:	E:	N:	HOLE No.
LOCATION: Lemenhyme Tenstock		ON LINE: GF3 HA382	BEARING: 0°00'	AT CH:	5827
GEOLOGICAL PLAN: A10656 SURVEY PLAN: S414875 1/2		AT STN: GF3	BEARING: 26°13'	DIST: 67'	FILE No.
DATES (a) DRILLED: Aug. '63 (b) WATER TABLE:		SURFACE	COLLAR	WATER TABLE	SHEET 1 OF 1 SHEETS
METHOD: DD DIAMETER: NMLC.		1155	1155		
SITE REMARKS: Talus covered saddle, near Geophysical Peg 185.		HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION	
		VERT./HOR./INC.			

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS	REMARKS
				2/4		No. Per Foot.			LEAKAGE	
0'							Brown			
5'										0'-16' Reddish-brown and yellowish-reddish-brown soft clay containing sub-angular pebbles (to 2" diameter) of quartzite - probably soil creep and solifluction material.
10'										
15'										16'-29' Yellowish-reddish-brown, soft to hard clay containing many sub-angular pebbles (to 2" diameter) of quartzite and grains of quartz - some pebbles iron and manganese coated with slight slickensides. Probably solifluction material.
20'										
25'										
30'										
35'							Brown			29'-43' Black, soft to hard, compacted but uncemented clays containing thin fine sand lenses (dip 5°) and pebbles of decomposed schist; few joints - show slight slickensides (by drilling?). Contact with schist dips at 65°. Pleistocene Channel filling.
40'							Grey			
45'										
50'										43'-80' 3" Light grey, soft to hard sandy clay - decomposed schist showing foliation structure; few joints, many foliation plane partings; dip of foliation 45° to 65°.
55'										
60'										
65'										
70'										Mostly foliation plane partings
75'										
80'										
85'										
90'										Logged by S. J. Paterson 17.9.63.
95'										HOLE COMPLETED 80'3"
100'										Relogged 8.3.65.