

DRILLING RECORD

SCHEME - Mersey-Forth-Wilnot Investigation	POSITION	CO-ORDINATES: E 412.1771	N: 816.2340	HOLE No. 5811
LOCATION - Lemonthyme Creek Power Station		ON LINE: W6 W5	BEARING: 0°00'	AT CH.
POSITION PLOTTED ON DRAWING No. A10655 S412.876 2/3	LEVEL	FROM STN: W6	BEARING: 187°00'	DIST: 21'
DATES: (a) DRILLED: Dec, 6, (b) WATER TABLE		SURFACE	FORMATION:	WATER TABLE:
METHOD USED: D.D. DIAMETER: NX, BX, BMLC	775			
SITE REMARKS: Right bank River Forth.	INCL.	HOLE DRILLED	DEPRESSION ANG.:	INCL. BEARING:
		VERT/HOR INC		

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	0'			Δ Δ Δ			0-4' Talus. and river gravels.
	5'			Δ Δ Δ			
	10'			Δ Δ Δ		W.T. 12'-21' Leakage Nil at 25 lbs/ sq. in.	4-17' Yellowish-greenish-grey, soft, glaciolacustrine claystones, siltstones and medium grained sandstone; some rhythmic banding at base; moderately jointed; joints open with thin limonite coating; core in lengths to 5".
	15'			Δ Δ Δ			
	20'			Δ Δ Δ		W.T. 20'-24' Leakage 0.2 gals/ min. at 30 lbs/ sq. in.	17-27' Light to dark grey tillite; mostly well consolidated but probably contains some soft sandy bands; contains pebbles and boulders of dolerite basalt and quartzite to 12" diameter in silty-sandy matrix; moderately jointed; joints open with thin limonite coating; core in lengths to 12"
	25'			Δ Δ Δ		W.T. 24'-29' Leakage 0.6 gals/ min. at 30 lbs/ sq. in.	
	30'			Δ Δ Δ		W.T. 29'-35' Leakage Nil at 40 lbs/ sq. in.	}
	35'			Δ Δ Δ		W.T. 35'-40' Leakage 0.8 gals/ min. at 40 lbs/ sq. in.	
	40'			Δ Δ Δ		W.T. 40'-45' Leakage Nil at 45 lbs/ sq. in.	}
	45'			Δ Δ Δ		W.T. 45'-50' Leakage Nil at 50 lbs/ sq. in.	
	50'			Δ Δ Δ		W.T. 50'-55' Leakage Nil at 55 lbs/ sq. in.	27-83' Light and dark grey banded, medium hard mica schist, sparsely jointed; joints mostly tight, some with thin clay and limonite coatings; dip of foliation 45°; core broken along foliation planes into lengths to 2'.
	55'			Δ Δ Δ		W.T. 55'-61' Leakage Nil at 60 lbs/ sq. in.	
	60'			Δ Δ Δ		W.T. 61'-65' Leakage Nil at 60 lbs/ sq. in.	}
	65'			Δ Δ Δ		W.T. 65'-70' Leakage Nil at 70 lbs/ sq. in.	
	70'			Δ Δ Δ		W.T. 70'-76' Leakage Nil at 75 lbs/ sq. in.	}
	75'			Δ Δ Δ		W.T. 75'-80' Leakage Nil at 80 lbs/ sq. in.	
	80'			Δ Δ Δ		W.T. 80'-83' Leakage 0.2 gals/ min. at 45 lbs/ sq. in.	Hole Completed 83'
	85'			Δ Δ Δ			
	90'			Δ Δ Δ			Logged by: S.T. Paterson 9-3-62.
	95'			Δ Δ Δ			