

# DRILLING RECORD

SCHEME - Mersey - Forth - Wilmot Investigation		POSITION	CO-ORDINATES:	E	N	HOLE No. <b>4565.</b>
LOCATION - Wilmot Damsite.			ON LINE <sup>GC 57</sup> IN B	BEARING 0°00'	AT CH	
POSITION PLOTTED ON DRAWING No 5406 1/3 893		LEVEL	FROM STN. <sup>GC</sup> 57	BEARING 98°31'	DIST. 78	FILE No.
DATES: (a) DRILLED: Oct 62 (b) WATER TABLE			SURFACE	FORMATION	WATER TABLE	
METHOD USED: DD. DIAMETER NX, NMLC		INCL	1604			SHEET 1 OF 2 SHEETS
SITE REMARKS: Sand and clay filled abandoned river channel.			HOLE DRILLED	DEPRESSION ANG.	INCL BEARING	
			VERT/HOR/INC	45°		

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	WATER TESTS.	REMARKS
	5'			A Δ	↑ 10" NX CASING.			
	10'			CAVED			11'-29' Leakage 5 gals/min at 70 lbs/sq. in.	
	15'				4" BX CASING.			
	20'							Talus and fluvio-glacial 0-46' gravel, sand, silt and clay; some faceted pebbles.
	25'							
	30'						29'-38' Leakage 6.4 gals/min at 70 lbs/sq. in.	
	35'			CAVED				
	40'					Lost		
	45'						46'-61' Leakage 6.9 gals/min at 100 lbs/sq. in.	46'-55' Yellow and white clay and sand.
	50'							
	55'							
	60'						61'-71' Leakage 1.2 gals/min at 100 lbs/sq. in.	
	65'							
	70'						71'-81' Leakage 1.6 gals/min at 100 lbs/sq. in.	
	75'							55'-105' Black clay with sand bands
	80'							
	85'						81'-91' Leakage 1.4 gals/min at 100 lbs/sq. in.	
	90'							
	95'						91'-101' Leakage 1.2 gals/min at 100 lbs/sq. in.	
	100'							

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SCHEME:— Mersey - Forth - Wilmot Investigation	POSITION	CO-ORDINATES	E	N	HOLE No. 4565
LOCATION:— Wilmot Damsite		ON LINE	BEARING	AT CH	
POSITION PLOTTED ON DRAWING No.	LEVEL	FROM STN.	BEARING	DIST.	FILE No.
DATES: (a) DRILLED Oct, 62. (b) WATER TABLE		SURFACE	FORMATION	WATER TABLE	
METHOD USED: D.D. DIAMETER Nx, NMLC.	INCL	HOLE DRILLED	DEPRESSION ANG.	INCL BEARING	SHEET 2 OF 2 SHEETS
SITE REMARKS: Sand and clay filled abandoned river channel.		VERT HOR INC	45°		

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	WATER TESTS	REMARKS
	100		0.2 0.4 0.6 0.8 1.0					
	105						101' - 111' Leakage 1.8 gals/min at 100 lbs/sq sq. in.	
	110						111' - 121' Leakage 2.0 gals/min at 100 lbs/sq. sq. in.	
	115							106' - 131' Dark grey to black clay with bands of medium to fine grained sand.
	120						121' - 131' Leakage 1.0 gals/min at 100 lbs/sq. in.	
	125							
	130							
	135							
	140							
	145							
	150							Hole Completed 137'
	55							
	60							Logged by: S. J. Paterson
	65							16. 12. 62
	70							
	75							
	80							
	85							
	90							
	95							
	00							