

# DRILLING RECORD

SCHEME:- <b>MERSEY FORTH</b>	POSITION	Approx CO-ORDINATES.	E 424.0895	N. 907.1627	HOLE No. <b>5561</b>
LOCATION:- <b>Devils Gate Damsite</b>		ON LINE	BEARING	AT CH.	
POSITION PLOTTED ON DRAWING No. <b>A6816</b>	LEVEL	FROM STN.	BEARING	DIST.	FILE No.
DATES: (a) DRILLED: <b>Sept. '58</b> (b) WATER TABLE		SURFACE	FORMATION	WATER TABLE	
METHOD USED: <b>D.P.</b> DIAMETER: <b>1 1/2"</b>	INCL	HOLE DRILLED	DEPRESSION ANG.	INCL BEARING:	SHEET 1 OF 2 SHEETS
SITE REMARKS: <i>In trench on the left bank of the river, near chert scarp.</i>		VERT/HOR/INC	<b>65°</b>	<b>130° Mag.</b>	

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	0'			-			
	5'			Δ Δ			2'6" Banded grey-black chert dip 70°
				-			3'4" Thin limonite coating & clay
	10'			Δ Δ			0-41' GREY BLACK CHERT FAULT
				-			BRECCIA
	15'			Δ Δ	/		14' Slickensided graphite
				-			
	20'			Δ Δ			19' Slickensided graphite & pyrite
				-			
	25'			Δ Δ	/		21' Banded grey-black chert dip 85°
				-			& pyrites
	30'			Δ Δ			
				-			
	35'			Δ Δ	/		Broken pieces and lengths to 2"
				-			
	40'			Δ Δ			38' Slickensided graphite
				-			
	45'			-			41-85' BLACK CHERT with slickensided graphite
				-			47' Slickensided graphite
	50'			-			
				-			
	55'			-			
				-			
	60'			-			
				-			
	65'			-			
				-			
	70'			-	/		69'6" Slickensided graphite
				-			
	75'			-			
				-			
	80'			-	/		78' Slickensided graphite
				-			
	85'			Δ Δ	/		85-88' SHEARED, RED ARGILLACEOUS CHERT FAULT BRECCIA OR CONGLOM.
				-			
	90'			Δ Δ	/		88-89'4" BANDED GREY BLACK CHERT } Lengths to 7"
				-			89'4-108' SHEARED RED ARGILLACEOUS and broken pieces.
				-			CHERT FAULT BRECCIA OR CONGLOM.
	95'			Δ Δ	/		greenish grey clay on joint planes.
				-			
	100'			-			

# DRILLING RECORD

SCHEME:- <b>MERSEY FORTH</b>	POSITION	CO-ORDINATES: E 424. 0585	N 907. 1627	HOLE No	
LOCATION:- <b>Devils Gate Damsite</b>		ON LINE	BEARING	AT CH.	5561
POSITION PLOTTED ON DRAWING No: <b>A6816</b>	LEVEL	FROM STN.:	BEARING	DIST.	FILE No.
DATES: (a) DRILLED: <b>Sept. 58</b> (b) WATER TABLE		SURFACE	FORMATION:	WATER TABLE	SHEET 2 OF 2 SHEETS
METHOD USED: <b>D.D.</b> DIAMETER <b>AxT</b>	INCL	HOLE DRILLED:	DEPRESSION ANG.:	INCL BEARING:	
SITE REMARKS:		<del>VERT</del> /HOR/INC.	<b>65°</b>	<b>130° Mag.</b>	

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
	100'			A			
	105'			A			
	110'			A			108-109'4" GREENISH GREY ARGILLACEOUS CHERT
	115'			A			109'4"-122' SHEARED RED ARGILLACEOUS CHERT FAULT BRECCIA OR CONGLOMERATE } Lengths to 10"
	120'			A			
	25'						HOLE COMPLETED 122'
	30'						
	35'						<u>General Remarks</u>
	40'						Grey-black chert fault breccia from 0 to 41';
	45'						Black chert with slickensided graphite 41 to 85';
	50'						Sheared red argillaceous chert fault breccia or conglomerate 85 to 88';
	55'						Banded grey black chert 88 to 89'4";
	60'						Sheared red argillaceous chert fault breccia or conglomerate 89'4" to 108';
	65'						Greenish grey argillaceous chert 108 to 109'4";
	70'						Sheared red, argillaceous chert fault breccia or conglomerate 109'4" to 122'
	75'						Poor core recovery probably result of broken nature of rock (position in fault zone.)
	80'						
	85'						
	90'						
	95'						
	100'						

Logged: *S. J. Paterson.*