

DRILLING RECORD

SCHEME:- MERSEY FORTH		POSITION	Approx CO-ORDINATES: E. 424.0895	N: 907.1627	HOLE No. 5561
LOCATION:- Devils Gate Damsite			ON LINE:	BEARING:	
POSITION PLOTTED ON DRAWING No.: A6816			FROM STN.:	BEARING:	DIST.:
DATES: (a) DRILLED: Sept. 58 (b) WATER TABLE:		LEVEL	SURFACE:	FORMATION:	WATER TABLE:
METHOD USED: D.P. DIAMETER: 4xT			224		
SITE REMARKS: In trench on the left bank of the river, near chert scarp.		INCL.	HOLE DRILLED:	DEPRESSION ANG.:	INCL. BEARING:
			VERT. HOR./INC:	65°	

SHEET 1 OF 2 SHEETS

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY 0.2 0.4 0.6 0.8 1.0	GRAPHIC LOG	JOINTS	WATER	REMARKS
	0			III - III			
	5			Δ Δ III - III			2 1/2" Banded grey-black chert dip 70°
	10			Δ Δ III - III			3 1/2" Thin limonite coating & clay
	15			Δ Δ III - III			0-41' GRAY BLACK CHERT FAULT BRECCIA
	20			Δ Δ III - III			14" Slickensided graphite
	25			Δ Δ III - III			19" Slickensided graphite & pyrite
	30			Δ Δ III - III			21" Banded grey-black chert dip 85° & pyrites
	35			Δ Δ III - III			Broken pieces and lengths to 2"
	40			Δ Δ III - III			38" Slickensided graphite
	45			Δ Δ III - III			41-85' BLACK CHERT with slickensided graphite
	50			Δ Δ III - III			47" Slickensided graphite
	55			Δ Δ III - III			
	60			Δ Δ III - III			
	65			Δ Δ III - III			
	70			Δ Δ III - III			69 1/2" Slickensided graphite
	75			Δ Δ III - III			
	80			Δ Δ III - III			78" Slickensided graphite
	85			Δ Δ III - III			85-88' SHEARED RED ARGILLACEOUS CHERT FAULT BRECCIA OR CONGLOM.
	90			Δ Δ III - III			88-89 1/2" BANDED GRAY BLACK CHERT - Lengths to 7"
	95			Δ Δ III - III			89 1/2'-108' SHEARED RED ARGILLACEOUS and broken pieces CHERT FAULT BRECCIA OR CONGLOM.
	100			Δ Δ III - III			greenish gray clay on joint planes

21-052

DRILLING RECORD

SCHEME:- MERSEY FORTH		POSITION	CO-ORDINATES: E. 424. 0895	N: 907. 1627	HOLE No. 5561
LOCATION:- Devils Gate Damsite			ON LINE:	BEARING:	
POSITION PLOTTED ON DRAWING No.: A6916		LEVEL	FROM STN.:	BEARING:	DIST.:
DATES: (a) DRILLED: Sept. 58 (b) WATER TABLE:			SURFACE:	FORMATION:	WATER TABLE:
METHOD USED: D.D. DIAMETER: A7T		INCL	HOLE DRILLED:	DEPRESSION ANG.:	INCL. BEARING:
SITE REMARKS:			VERT/HOR/INC:	65°	130° Mag.

SHEET
2
OF
2
SHEETS

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY 0.4 0.6 0.8 1.0	GRAPHIC LOG	JOINTS	WATER	REMARKS
				M-L-A-M			
	105'			D-M-O			
				A			
	110'			M-M			108-109'4" GREENISH GRAY ARGILLACEOUS CHERT
				A			
	115'			M-M			109'4"-122' SHEARED RED ARGILLACEOUS *SAMPLE TO T.E. CHERT FAULT BRECCIA OR
				O O			
				M-M			
	120'			A A			CONGLOMERATE } Lengths to 10"
				M-M			
				O			
	25'						HOLE COMPLETED 122'
	30'						
	35'						<u>General Remarks</u>
							Grey-black chert fault breccia from 0 to 41';
	40'						Black chert with slickensided graphite 41 to 85';
							Sheared red argillaceous chert fault breccia
	45'						or conglomerate 85 to 88';
							Banded grey black chert 88 to 89'4";
	50'						Sheared red argillaceous chert fault breccia
							or conglomerate 89'4" to 108';
	55'						Greenish grey argillaceous chert 108 to 109'4";
							Sheared red argillaceous chert fault breccia
	60'						or conglomerate 109'4" to 122'
							Poor core recovery probably result of
	65'						broken nature of rock (position in
							fault zone.)
	70'						
	75'						Logged: <i>A. J. Paterson</i>
	80'						
	85'						
	90'						
	95'						
	100'						