

PROJECT NO.		ID.		FED. NO.		CO.		FIELD SUPERV.	
6.529005T		R-2610A		N/A		Chatham		D. Hardister	
SITE DESCRIPTION								GROUND WATER (m)	
Site 1: Bridge on SBL US 421 over AC&WR								0 HR. N/M	
BORING NO.		BORING LOCATION		OFFSET		ALIGNMENT			
B2-B		18+13.7		5.2m LT		-L-			
COLLAR ELEV.		TOTAL DEPTH		NORTHING		EASTING			
84.15 m		25.02 m		200653.368		583107.973		24 HR. 3.20	
DRILL MACHINE		DRILL METHOD		HAMMER TYPE		FINAL CASING DEPTH			
CME 550x		HSA/NQ Wireline		Automatic		16.45 m			
DATE STARTED		COMPLETED		DRILLING FLUID DENSITY		SURFACE WATER DEPTH			
10/9/02		10/10/02		Pond Water		N/A			
CORE SIZE		TOTAL RUN		DRILLER					
NQ		8.21 m		J. White					
ELEV. (m)	DEPTH (m)	RUN (m)	DRILL RATE (Min./0.3m)	RUN		SAMP. NO.	STRATA		DESCRIPTION AND REMARKS
				REC. (m) %	RQD (m) %		REC. %	RQD %	
67.70									Begin Coring @ 67.70 m
67.70	16.45	0.94	7:25	(0.39) 41%	N/A		1.69 64%	N/A	Weathered Rock-Red-Grey Severely Weathered Moderately Hard to Soft Friable and Moderately Indurated Triassic Mudstone with Close and Very Close Fracture Spacing and Thin Seams of Non-Crystalline Rock 6 JTS @ 30-40° 11 JTS @ 0-10° Other Jts. Not Discernible
66.76	17.39	0.47/0.03				N=100/ 03			
66.73	17.42	1.49	3:13	(1.18) 79%	N/A				
			3:02						
			4:33						
			5:48						
65.24	18.91		7:27/0.27			N=100/ 08			
65.16	18.99	1.44	4:24	(1.28) 89%	(0.30) 21%		0.45 100%	0.30 67%	65.04 19.11
			2:48						Non-Crystalline Rock-Red-Grey Moderately Severely Weathered Moderately Hard Moderately Indurated Triassic Mudstone with Close and Very Close Fracture Spacing 3 JTS @ 0-10° 3 JTS @ 50-60°
			6:13				1.05 81%	N/A	64.59 19.56
			5:08						Weathered Rock-Red-Grey Severely Weathered Medium Hard and Soft Friable and Moderately Indurated Triassic Mudstone with Close and Very Close Fracture Spacing 11 JTS @ 0-10° 3 JTS @ 50-60° 1 JT @ 85° Other Jts. Not Discernible
63.72	20.43		3:59/0.22			N=100/ 09			
63.63	20.52	1.43	2:44	(1.40) 98%	(0.99) 69%		2.36 95%	2.14 86%	63.29 20.86
			2:20						Non-Crystalline Rock-Red-Grey Moderately and Moderately Severely Weathered Hard Moderately Indurated and Indurated Triassic Mudstone with Close Fracture Spacing 5 JTS @ 50-60°

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10/9/02		10/10/02		Pond Water		N/A			
CORE SIZE		TOTAL RUN		DRILLER					
NQ		8.21 m		J. White					
ELEV. (m)	DEPTH (m)	RUN (m)	DRILL RATE (Min./0.3m)	RUN		SAMP. NO.	STRATA		DESCRIPTION AND REMARKS
				REC. (m) %	RQD (m) %		REC. %	RQD %	
			2:38						Continued from previous page
			1:38						8 JTS @ 30-40° 1 JT @ 90° 1 JT @ 70°
			1:13/0.21						
62.20	21.95					N=100/ 04			
62.16	21.99	1.48	1:29	(1.42) 96%	(1.15) 78%				
			1:38						
			1:57						
			2:30						
			3:29/0.26						
60.68	23.47					N=100/ 09	1.40 85%	N/A	60.80 23.35
60.59	23.56	1.43	4:06	(1.28) 90%	N/A				Weathered Rock-Red-Grey Severely Weathered Medium Hard and Soft Friable and Moderately Indurated Triassic Mudstone with Close and Very Close Fracture Spacing
			4:54						20 JTS @ 0-10° 3 JTS @ 20-30° 1 JT @ 45°
			3:04						
			4:14						
			4:39/0.21						
59.16	24.99								59.16 24.99
									Coring Terminated at Elev. 59.16m in Weathered Rock (Triassic Mudstone)

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