

PROJECT NO. 6.529005T			ID. R-2610A			FED. NO. N/A			CO. Chatham			FIELD SUPERV. D. Hardister		
SITE DESCRIPTION Site 1: Bridge on SBL US 421 over AC&WR												GROUND WATER (m)		
BORING NO. IH-1			BORING LOCATION 17+85.5			OFFSET 10.1m LT			ALIGNMENT -L-			0 HR. N/M		
COLLAR ELEV. 82.60 m			TOTAL DEPTH 17.99 m			NORTHING 200631.930			EASTING 583127.146			24 HR. 2.40		
DRILL MACHINE CME 550x			DRILL METHOD Wash Rotary			HAMMER TYPE Automatic			FINAL CASING DEPTH 15.32 m					
DATE STARTED 11/5/02			COMPLETED 11/6/02			DRILLING FLUID DENSITY Pond Water			SURFACE WATER DEPTH N/A					
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION		
		15cm	15cm	15cm	0	20	40	60	80					100
82.60	0.00	Ground Surface Elev. 82.60 m											82.60	0.00
	1.22	8	10	14								M	Residual-Very Stiff Orange-Brown to Orange-Grey Fine Sandy Silty CLAY (A-7-5)	
	2.74	8	10	12								M		
	4.26	6	5	4								M	Residual-Stiff Brown-Grey Carbonaceous Fine Sandy SILT (A-5)	3.90
	5.79											M	Artificial Fill-Very Loose Black Silty Coarse to Fine SAND with FRESH WOOD (A-2-4)	4.70
	6.24	WOH	WOH	2								W	Artificial Fill-Very Loose Soil/FRESH WOOD (Timber from 6.45 to 6.72m)	6.25
	6.24	10	2	4								W	Artificial Fill-Very Loose Grey-Black Silty Coarse to Fine SAND (A-2-4)	6.72
	7.31	WOH	WOH	WOH								SAT		
	7.31	WOH	WOH	WOH								SAT	Residual-Very Soft Red-Tan Fine Sandy SILT (A-4)	8.80
	8.83	WOH	WOH	WOH								SAT		
	10.35	14	2	1								W	Artificial Fill-Very Loose Soil/FRESH WOOD (Timber from 10.20 to 10.58m)	10.20
	10.35	14	2	1								W		11.10
	11.88	13	14	12								W	Residual-Very Stiff to Hard Grey-Black Carbonaceous Fine Sandy SILT (A-4)	
	13.40	14	17	17								W		
	14.92	16	26	33								W		
	16.45	35	65/04									W		
	17.97											SAT	Weathered Rock-Grey-Black Weathered Carbonaceous Triassic Mudstone	16.10
												SAT	Non-Crystalline Rock-Grey Triassic Mudstone	16.90
												SAT	Boring Terminated with Standard Penetration Test Refusal at Elev. 65.40m in Non-Crystalline Rock (Triassic Mudstone)	17.99

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NOTE: Boring performed at an inclination of  
17° from vertical.

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