

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. R-18		BORING LOCATION 17+91.6		OFFSET 6.9m LT		ALIGNMENT -L-		0 HR. 7.80						
COLLAR ELEV. 83.04 m		TOTAL DEPTH 8.63 m		NORTHING 200638.163		EASTING 583124.272		24 HR. 2.90						
DRILL MACHINE CME 550x		DRILL METHOD HSA		HAMMER TYPE Automatic		FINAL CASING DEPTH N/A								
DATE STARTED 1/16/03		COMPLETED 1/16/03		DRILLING FLUID DENSITY N/A		SURFACE WATER DEPTH N/A								
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION		
		15cm	15cm	15cm	0	20	40	60	80				100	
83.04	0.00				Ground Surface Elev. 83.04 m								83.04 0.00	
82												M	Residual-Stiff Orange-Brown Fine Sandy Silty CLAY (A-7-5)	
80												M	Residual-Very Stiff Tan-Brown Fine Sandy SILT (A-4)	80.34 2.70
78												M	Residual-Very Stiff to Hard Brown-Grey to Grey-Black Carbonaceous Fine Sandy SILT (A-4)	77.44 5.60
76												D		
												D		
												M	Weathered Rock-Grey-Black Weathered Carbonaceous Triassic Mudstone	74.74 8.30
												M	Boring Terminated @ Elev. 74.41m in Weathered Rock (Triassic Mudstone)	74.41 8.63

NCDOT_BORE11X17M GR020409.GPJ NCDOT2.GDT 2/17/03

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SITE DESCRIPTION Site 1: Bridge on SBL US 421 over AC&WR								GROUND WATER (m)						
BORING NO. R-19		BORING LOCATION 17+90.8		OFFSET 7.9m LT		ALIGNMENT -L-		0 HR. 6.40						
COLLAR ELEV. 83.04 m		TOTAL DEPTH 8.69 m		NORTHING 200636.892		EASTING 583124.311		24 HR. 2.90						
DRILL MACHINE CME 550x		DRILL METHOD HSA		HAMMER TYPE Automatic		FINAL CASING DEPTH N/A								
DATE STARTED 1/16/03		COMPLETED 1/16/03		DRILLING FLUID DENSITY N/A		SURFACE WATER DEPTH N/A								
ELEV. (m)	DEPTH (m)	BLOW COUNT			BLOWS PER 30 CM					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION		
		15cm	15cm	15cm	0	20	40	60	80				100	
83.04	0.00				Ground Surface Elev. 83.04 m								83.04 0.00	
82												M	Residual-Stiff Orange-Brown to Tan Fine Sandy Silty CLAY (A-7-5)	
80												M	Residual-Very Stiff Tan-Brown Fine Sandy SILT (A-4)	80.14 2.90
78												M	Residual-Very Stiff to Hard Brown-Grey to Grey-Black Carbonaceous Fine Sandy SILT (A-4)	77.54 5.50
76												D		
												M		
												M	Weathered Rock-Grey-Black Weathered Carbonaceous Triassic Mudstone	74.84 8.20
												M	Boring Terminated @ Elev. 74.35m in Weathered Rock (Triassic Mudstone)	74.35 8.69

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