



PROJECT NO. 6.529005T		ID. R-2610A		COUNTY Chatham		GEOLOGIST G. Licayan									
SITE DESCRIPTION Site 2: Bridge on SBL US 421 (-L-) Over NSRR							GROUND WATER (m)								
BORING NO. EB2-A		BORING LOCATION 28+42.0		OFFSET 18.0m LT	ALIGNMENT -L-		0 HR. 0.50								
COLLAR ELEV. 89.24 m		NORTHING 201487.30		EASTING 582509.67			24 HR. 1.20								
TOTAL DEPTH 4.37 m		DRILL MACHINE CME 850		DRILL METHOD Wash/Rollercone		HAMMER TYPE 63.5 kg									
DATE STARTED 10/31/02		COMPLETED 11/1/02		SURFACE WATER DEPTH NA											
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		
89.24													89.24	0.00	
88.94	0.30												88.94		RESIDUAL: Very Stiff Tan and Red Fine Sandy Clayey SILT
88.17	1.07	6	6	12									88.17	1.07	Natural Moisture = 20.4% WEATHERED ROCK: Tan and Red Weathered Triassic Mudstone
87.41	1.83	20	80/9										87.41		
86.65	2.59	100/5											86.65		
		100/13													
85.12	4.12	27	73/10										85.12		
													84.87	4.37	Boring Terminated at Elevation 84.87m in Weathered Triassic Mudstone

NCDOT BORE SINGLE 07102018.GPJ NC\_DOT.GDT 11/20/02



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SITE DESCRIPTION Site 2: Bridge on SBL US 421 (-L-) Over NSRR							GROUND WATER (m)								
BORING NO. EB2-B		BORING LOCATION 28+29.0		OFFSET 7.5m LT	ALIGNMENT -L-		0 HR. 0.70								
COLLAR ELEV. 89.29 m		NORTHING 201481.81		EASTING 582525.49			24 HR. 1.00								
TOTAL DEPTH 6.03 m		DRILL MACHINE CME 850		DRILL METHOD Wash/Rollercone		HAMMER TYPE 63.5 kg									
DATE STARTED 11/1/02		COMPLETED 11/1/02		SURFACE WATER DEPTH NA											
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		
89.29													89.29	0.00	
88.99	0.30												88.99		RESIDUAL: Very Stiff to Hard Red and Tan Clayey Coarse to Fine Sandy SILT with a Trace of Organic Matter (Root Fragments)
88.22	1.07	4	8	10									88.22		
87.46	1.83	10	20	48									87.46	1.83	
		60	40/5										87.46		WEATHERED ROCK: Tan and Brown Weathered Triassic Mudstone
		75	25/1										87.46		
85.17	4.12	100/9											85.17		
													85.17		
83.65	5.64	23	65	35/9									83.65	6.03	Boring Terminated at Elevation 83.26m in Weathered Triassic Mudstone

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