



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. EB1-A		BORING LOCATION 27+77.2		OFFSET 19.2m LT		ALIGNMENT -L-		0 HR. DRY					
COLLAR ELEV. 86.29 m		NORTHING 201431.67		EASTING 582542.94				24 HR. 4.87					
TOTAL DEPTH 7.41 m		DRILL MACHINE CME 55		DRILL METHOD 152mm HSA		HAMMER TYPE 63.5 kg Manual							
DATE STARTED 11/6/02		COMPLETED 11/6/02		SURFACE WATER DEPTH NA									
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
86.29													86.29 0.00
85.99	0.30	3	3	7								M	RESIDUAL: Stiff to Hard Red and Brown Fine Sandy Silty CLAY
85.22	1.07	22	22	27								SS-1 7.4%	
84.46	1.83	13	25	44								D	
83.70	2.59	45	55/3									D	WEATHERED ROCK: Red and Brown Weathered Triassic Mudstone
82.17	4.12	50/6										D	
80.65	5.64	90	10/1									D	
79.13	7.16	40	60/10									D	
													78.88 7.41
													Boring Terminated at Elevation 78.88m 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. EB1-B		BORING LOCATION 27+63.0		OFFSET 7.0m LT		ALIGNMENT -L-		0 HR. DRY					
COLLAR ELEV. 86.50 m		NORTHING 201426.06		EASTING 582560.79				24 HR. 5.18					
TOTAL DEPTH 8.75 m		DRILL MACHINE CME 55		DRILL METHOD 152mm HSA		HAMMER TYPE 63.5 kg Manual							
DATE STARTED 11/5/02		COMPLETED 11/5/02		SURFACE WATER DEPTH NA									
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
86.50													86.50 0.00
86.20	0.30	7	9	15								SS-2 11.9%	RESIDUAL: Very Stiff to Hard Orange Fine Sandy Clayey SILT
85.43	1.07	13	21	21								D	
84.67	1.83	6	11	13								D	Very Stiff Red and Brown Fine Sandy Silty CLAY
83.91	2.59	6	8	10								D	
82.38	4.12	50/5										D	WEATHERED ROCK: Red and Brown Weathered Triassic Mudstone
80.86	5.64	50/5										D	
79.34	7.16	50/3										M	
77.81	8.69	50/6										M	
													77.75 8.75
													Boring Terminated at Elevation 77.75m in Weathered Triassic Mudstone

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