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N.C.D.O.T. GEOTECHNICAL UNIT
 BORING LOG

SHEET 11 OF 23

PROJECT NO. 6.529005T	ID. R-2610B(2)	COUNTY Chatham	GEOLOGIST C. Baldwin
SITE DESCRIPTION Bridge on SBL US 421 (-L-) over Tick Creek			GROUND WATER (m)
BORING NO. B1-A	BORING LOCATION 96+95.0	OFFSET 16.0m Lt.	ALIGNMENT -L-
COLLAR ELEV. 138.02 m	NORTHING 211,973.4	EASTING 573,286.2	0 HR. N/A* 24 HR. 0.91
TOTAL DEPTH 10.98 m	DRILL MACHINE CME 550	DRILL METHOD 5.7cm ID HSA/NQ3 Core	HAMMER TYPE Automatic
DATE STARTED 4/23/03	COMPLETED 4/23/03	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			
138.02m	0.00	WOH	1	1	Ground Surface						M	138.02m 0.00m
	0.76	1	2	3							M	-RESIDUAL- Reddish-brown, CLAY (A-7-5), with some silt & trace fine to coarse sand. 136.49m 1.53m
136	2.29	3	4	5							M	Reddish-brown & gray, fine sandy SILT (A-4), with some clay & trace coarse sand. 134.67m 3.35m
134	4.26	50/3cm			50/3cm					RS-1		-NON-CRYSTALLINE ROCK- Blueish-gray, moderately severe to slightly weathered, moderately hard to hard METAMUDSTONE & META-ARGILLITE, with a weathered rock seam from 4.26m-4.33m. 130.86m 7.16m
132										RS-2		Blueish-gray, slightly weathered, hard METAMUDSTONE & META-ARGILLITE. 127.04m 10.98m
130												Coring terminated at elev. 127.04m in NON-CRYSTALLINE ROCK (METAMUDSTONE & META-ARGILLITE).
128												Notes: 1) Auger refusal at a depth of 3.35m. 2) Began coring at a depth of 3.35m. * 0 hr. water level not measured due to water introduced for coring.

NCDOT_BORE_MET_R2610B.GPJ NCDOT.GDT 5/20/03