

PROJECT NO. 34467.1.1		ID. R-2562C		COUNTY Bladen		GEOLOGIST B. Deobald								
SITE DESCRIPTION Dual Bridges on NC 87 over Reedy Meadow Swamp							GROUND WATER (m)							
BORING NO. EB1-A RL		BORING LOCATION 178+47.2		OFFSET 2.9 m RT		ALIGNMENT -L- Rev.		0 HR. 0.00						
COLLAR ELEV. 40.79 m		NORTHING 103,057.1 US ft		EASTING 633,281.9 US ft				24 HR. 0.10						
TOTAL DEPTH 21.09 m		DRILL MACHINE CME 45 on M. Buggy		DRILL METHOD Wash/Mud Rotary		HAMMER TYPE 63.5 Kg								
DATE STARTED 4/26/04		COMPLETED 4/26/04		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	
40.79													Ground Surface	
40.79	0.00	2	3	3									0.00	Roadway Embankment Fill: Tan and gray, silty, f. SAND (A-2-4) with roots
39.52	1.27												0.90	Alluvium: Muck
38.00	2.79	1	1	0									2.30	Alluvium: Gray brown and tan, trace to mod. organic, silty, f. SAND (A-3) Mixed Drilling Mud: 1.02g/cm ³
36.48	4.31	4	3	1									5.30	W CPU: Gray, silty, f. to cse. SAND (A-2-4)
35.37	5.42	2	3	4									6.40	M CPU: Light gray, clayey, f. to cse. SAND (A-2-6) with trace gravel
33.85	6.94	8	6	11									9.40	W Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-2-4) with trace gravel
32.33	8.46	9	8	26									12.50	W Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-1-b) with trace gravel
30.81	9.98	10	5	7									15.50	W Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-2-4) with trace gravel
29.29	11.50	8	8	8										
27.77	13.02	9	13	15										
26.25	14.54	6	9	12										
24.71	16.08	10	12	16										
23.19	17.60	6	5	9										

NCDOT BORE SINGLE REEDYM-1.GPJ NC DOT.GDT 6/15/04

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		15cm	15cm	15cm	0	20	40	60	80				100	
21.79														
21.87	19.12	6	6	8									20.10	W Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-2-4) with trace gravel (continued)
20.15	20.64	9	9	11									21.09	M Black Creek Formation: Greenish gray, micaceous, f. sandy, silty CLAY (A-7-6)
Boring Terminated at 21.09m (Elev. 19.70m) in Black Creek Formation: V. stiff, f. sandy, silty CLAY (A-7-6)														
Drill bits used: 7cm roller cone														
Drilling fluid properties: Water or mud at 1.02 g/cm ³														

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