

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. B2-A RL		BORING LOCATION 178+89.6		OFFSET 4.2 m RT		ALIGNMENT -L- Rev.							
COLLAR ELEV. 41.16 m		NORTHING 103,016.4 US ft		EASTING 633,294.5 US ft		0 HR. 0.00							
TOTAL DEPTH 22.70 m		DRILL MACHINE CME 45 on M. Buggy		DRILL METHOD Wash/Mud Rotary		HAMMER TYPE 63.5 Kg							
DATE STARTED 4/22/04		COMPLETED 4/22/04		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
41.16													Ground Surface
41.16	0.00	1	2	2									Roadway Embankment Fill: Tan and gray, silty, f. SAND (A-2-4) with roots
39.86	1.30												Alluvium: Muck
38.34	2.82	2	2	1									Alluvium: Tan and gray, silty, f. SAND (A-3) with trace wood
36.82	4.34	7	16	21									Mixed Drilling Mud: 1.02g/cm ³
35.63	5.53	9	1	9									CPU: Gray, silty, f. to cse. SAND (A-2-4)
34.11	7.05	16	17	19									Harder drilling at 6.70m
32.59	8.57	14	12	14									CPU: Light gray, clayey, f. to cse. SAND (A-2-6) with trace gravel
31.07	10.09	8	6	6									CPU: Greenish gray, micaceous, silty, f. sandy, silty CLAY (A-7-6)
29.55	11.61	4	5	13									CPU: Greenish gray, micaceous, silty, clayey, f. to cse. SAND (A-2-6) with trace gravel
28.03	13.13	12	17	18									Black Creek Formation: Gray, silty, f. to cse. SAND (A-1-b) with trace to little gravel
26.51	14.65	23	28	28									Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-2-4) with trace gravel and trace organics
24.99	16.17	8	13	17									
23.47	17.69	12	18	16									

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

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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
22.16													Continued from previous page
21.95	19.21	5	6	10									Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-2-4) with trace gravel and trace organics (continued)
20.43	20.73	7	10	20									
18.91	22.25	8	15	18									Black Creek Formation: Greenish gray, micaceous, f. sandy, silty CLAY (A-7-6)
													Boring Terminated at 22.70m (Elev. 18.46m) in Black Creek Formation: Hard 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

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