

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. B1-B RL		BORING LOCATION 178+68.1		OFFSET 22.0 m RT		ALIGNMENT -L- Rev.							
				0 HR. 0.00									
COLLAR ELEV. 40.83 m		NORTHING 103,030.9 US ft		EASTING 633,270.3 US ft		24 HR. 0.09							
TOTAL DEPTH 21.76 m		DRILL MACHINE CME 45 on M. Buggy		DRILL METHOD Wash/Mud Rotary		HAMMER TYPE 63.5 Kg							
DATE STARTED 4/27/04		COMPLETED 4/28/04		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
40.83													Ground Surface
40.83	0.00	1	1	1									Roadway Embankment Fill: Tan and brown, silty, f. SAND (A-2-4) with roots
39.13	1.70												Alluvium: Muck
		WOH	WOH	WOH									Organic Content 43.8%
37.61	3.22												Alluvium: Tan and gray, f. SAND (A-3) with trace organics
36.16	4.67	1	2	3								Sat.	
34.63	6.20	1	1	1									CPU: Gray, silty, f. to cse. SAND (A-2-4)
		6	2	6									Mixed Drilling Mud: 1.02g/cm ³
33.11	7.72	8	11	10									CPU: Light gray, clayey, f. to cse. SAND (A-2-6) with trace to little gravel
31.68	9.15	17	18	15									
30.16	10.67	10	15	17									Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-1-b) with trace gravel
28.64	12.19	11	13	20									
27.12	13.71	11	12	14									
25.60	15.23	3	4	6									Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-2-4)
24.08	16.75	5	5	8									
22.56	18.27	5	6	11									

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

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		15cm	15cm	15cm	0	20	40	60	80				100
21.83													Continued from previous page
21.04	19.79	5	6	12									Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-2-4) (continued)
													Harder drilling at 21.00m
19.52	21.31	7	10	15									Black Creek Formation: Greenish gray, micaceous, f. sandy, silty CLAY (A-7-6)
													Boring Terminated at 21.76m (Elev. 19.07m) 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

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