

PROJECT NO. 34467.1.1		ID. R-2562C		COUNTY Bladen		GEOLOGIST B. Deobald							
SITE DESCRIPTION Dual Bridges on NC 87 over Reedy Meadow Swamp													
BORING NO. EB1-A LL		BORING LOCATION 178+46.8		OFFSET 17.8 m LT		ALIGNMENT -L- Rev.							
COLLAR ELEV. 40.31 m		NORTHING 103,063.4 US ft		EASTING 633,301.6 US ft		GROUND WATER (m) 0 HR. 0.00 24 HR. 0.00							
TOTAL DEPTH 21.66 m		DRILL MACHINE CME 45 on M. Buggy		DRILL METHOD Wash/Mud Rotary		HAMMER TYPE 63.5 Kg							
DATE STARTED 4/27/04		COMPLETED 4/27/04		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
40.31													Ground Surface
40.31	0.00	1	1	1								Sat.	Alluvium: Muck Attempted to collect an undisturbed sample of Muck with a piston sampler. No recovery
38.21	2.10	8	9	13								Sat.	Alluvium: Tan and gray, f. to cse. SAND (A-3) with trace organics
37.49	2.82	8	10	12								SS-1 Sat.	Mixed Drilling Mud: 1.02g/cm <sup>3</sup> CPU: Gray, fine to coarse SAND (A-3)
35.61	4.70	1	1	1								Sat.	
34.81	5.50	3	5	13								SS-2 W	
34.30	6.01	6	7	11								SS-3 M	CPU: Light gray, clayey, f. to cse. SAND (A-2-6) with trace gravel
32.78	7.53	8	8	22								M	
31.26	9.05	20	11	11								M	CPU: Greenish gray to gray, micaceous, silty, f. to cse. SAND (A-2-4) with trace gravel
29.74	10.57	10	10	12								SS-4 W	Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-1-b) with trace gravel
28.22	12.09	8	11	14								W	
26.70	13.61	6	7	15								W	Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-2-4)
25.18	15.13	4	4	6								Sat.	
23.66	16.65	6	7	12								W	
22.14	18.17	5	7	9								SS-5 W	

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

PROJECT NO. 34467.1.1		ID. R-2562C		COUNTY Bladen		GEOLOGIST B. Deobald							
SITE DESCRIPTION Dual Bridges on NC 87 over Reedy Meadow Swamp													
BORING NO. EB1-A LL		BORING LOCATION 178+46.8		OFFSET 17.8 m LT		ALIGNMENT -L- Rev.							
COLLAR ELEV. 40.31 m		NORTHING 103,063.4 US ft		EASTING 633,301.6 US ft		GROUND WATER (m) 0 HR. 0.00 24 HR. 0.00							
TOTAL DEPTH 21.66 m		DRILL MACHINE CME 45 on M. Buggy		DRILL METHOD Wash/Mud Rotary		HAMMER TYPE 63.5 Kg							
DATE STARTED 4/27/04		COMPLETED 4/27/04		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
21.31													Continued from previous page
20.62	19.69	7	12	15								W	Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-2-4) (continued)
													Black Creek Formation: Greenish gray, micaceous, f. sandy, silty, CLAY (A-7-6)
19.10	21.21	8	11	15								SS-6 42.6%	Boring Terminated at 21.66m (Elev. 18.65m) in Black Creek Formation: Very stiff, f. sandy, silty CLAY (A-7-6)  Drill bits used: 7cm and 9cm roller cone  Drilling fluid properties: Water or mud at 1.02 g/cm <sup>3</sup>

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