

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-A LL		BORING LOCATION 178+69.7		OFFSET 15.7 m LT		ALIGNMENT -L- Rev.		0 HR. Water				
COLLAR ELEV. 39.93 m		NORTHING 103,041.7 US ft		EASTING 633,306.4 US ft				24 HR. Boring				
TOTAL DEPTH 21.17 m		DRILL MACHINE CME 45 on M. Buggy		DRILL METHOD Wash/Mud Rotary		HAMMER TYPE 63.5 Kg						
DATE STARTED 4/20/04		COMPLETED 4/20/04		SURFACE WATER DEPTH 0.32m								
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			
39.93	0.00	WOH	WOH	1	Mudline							39.93 Alluvium: Muck 0.00
38.83	1.10	WOH	1	1								Sat.
37.31	2.62	2	3	14								37.83 Alluvium: Brown and gray, silty, f. to cse. SAND (A-3) with trace wood fragments 2.10
35.79	4.14	1	1	2								36.33 CPU: Gray, silty, fine to coarse SAND (A-3) 3.60
34.27	5.66	3	1	2								34.83 CPU: Gray, micaceous, f. sandy, silty CLAY (A-7-6) with v. thinly bedded sand 5.10
32.89	7.04	7	12	14								SS-8 78.5% Mixed Drilling Mud: 1.02g/cm ³
31.37	8.56	7	10	11								SS-9 20.8%
29.85	10.08	3	4	8								31.93 CPU: Greenish gray, micaceous, silty, f. to cse. SAND (A-2-4) 8.00
28.33	11.60	8	10	9								M 30.43 Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-1-b) with little gravel and trace wood fragments 9.50
26.81	13.12	7	8	15								W 27.43 Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-2-4) with trace gravel 12.50
25.29	14.64	4	5	9								W
23.77	16.16	6	8	11								W
22.25	17.68	6	7	10								W

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

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DATE STARTED 4/20/04		COMPLETED 4/20/04		SURFACE WATER DEPTH 0.32m										
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	
20.93	19.20	Continued from previous page												
20.73	19.20	7	12	15								20.43 Black Creek Formation: Greenish gray, micaceous, f. sandy, silty CLAY (A-7-6) 19.50		
19.21	20.72	9	15	20								M 18.76 Boring Terminated at 21.17m (Elev. 18.76m) in Black Creek Formation: Hard, f. sandy, silty CLAY (A-7-6) 21.17		
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