



MACTEC

N.C.D.O.T. GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

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. EB2-A RL		BORING LOCATION 179+10.1		OFFSET 2.9 m RT		ALIGNMENT -L- Rev.		0 HR. 0.00					
COLLAR ELEV. 41.02 m		NORTHING 102,997.7 US ft		EASTING 633,303.4 US ft				24 HR. 0.62					
TOTAL DEPTH 24.19 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
41.02													Ground Surface
41.02	0.00	2	4	4								M	Roadway Embankment Fill: Tan and gray, silty, f. SAND (A-2-4) with roots
39.95	1.07	WOH	1	1								Sat.	Alluvium: Brown, tan, gray and white, silty f. SAND (A-3) with trace wood and organics
38.43	2.59		6	17	23							Sat.	Mixed Drilling Mud: 1.02g/cm ³
36.91	4.11		15	7	6							Sat.	
35.48	5.54		3	2	2							W	CPU: Tan and gray, silty, f. to cse. SAND (A-2-4)
33.96	7.06		15	23	35							M	CPU: Light gray, clayey, f. to cse. SAND (A-2-6) with trace gravel
32.44	8.58		13	14	14							M	
30.92	10.10		7	7	7							M	CPU: Greenish gray, micaceous, f. sandy, silty CLAY (A-7-6)
29.40	11.62		7	7	6							W	Black Creek Formation: Gray, micaceous, silty, clayey, f. to cse. SAND (A-2-6) with trace gravel
27.92	13.10		7	4	6							Sat.	Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-1-b) with trace gravel
26.40	14.62		9	12	20							W	
24.88	16.14		6	7	9							Sat.	Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-2-4) with trace gravel and organics
23.36	17.66		6	10	17							W	

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



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N.C.D.O.T. GEOTECHNICAL UNIT BORING LOG

SHEET NO.	TOTAL SHEETS
34	46

SHEET 2 OF 2

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. EB2-A RL		BORING LOCATION 179+10.1		OFFSET 2.9 m RT		ALIGNMENT -L- Rev.		0 HR. 0.00					
COLLAR ELEV. 41.02 m		NORTHING 102,997.7 US ft		EASTING 633,303.4 US ft				24 HR. 0.62					
TOTAL DEPTH 24.19 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
22.02													
21.84	19.18												
		5	6	9								W	Black Creek Formation: Gray, micaceous, silty, f. to cse. SAND (A-2-4) with trace gravel and organics (continued)
20.32	20.70											W	
18.80	22.22											W	
		13	18	24								W	Black Creek Formation: Greenish gray, micaceous, f. sandy, silty CLAY (A-7-6)
17.28	23.74											M	
		11	14	16								M	Boring Terminated at 24.19m (Elev. 16.83m) 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