

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 34467.1.6		ID. R-2562C		COUNTY BLADEN		GEOLOGIST K. B. QUICK								
SITE DESCRIPTION BRIDGE ON NC 87 OVER REEDY MEADOW SWAMP							GROUND WATER							
BORING NO. BX	BORING LOCATION 178+66.0			OFFSET 4.50m RT	ALIGNMENT -L- REV.		0 HR. N.M.							
COLLAR ELEV. 41.30m	NORTHING 103,038.6036		EASTING 633,286.1527				24 HR. N.M.							
TOTAL DEPTH 25.79m	DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC									
START DATE 1/14/04	COMPLETION DATE 1/14/04		SURFACE WATER DEPTH		DEPTH TO ROCK									
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
41.30	0.00	1	3	3	0.3	6								TAN-BROWN FINE TO COARSE SAND, MOI. (FILL)
40.00	1.22	WOH	1	1	0.3	2							SS-1	
	2.47	WOH	1	2	0.3	3								BROWN ORGANIC SAND AND FINE TO COARSE SAND, MOI. TO SAT. (ALLUVIUM)
38.00	3.99	6	9	8	0.3	17							SS-2	
36.00	5.52	WOH	WOH	WOH	0.3	0							SS-3	
34.00	7.04	6	7	10	0.3	17							SS-4	
	8.56	6	9	10	0.3	19							SS-5	24%
32.00	10.09	9	10	18	0.3	28								BLUE-GRAY SANDY SILTY CLAY WITH SAND LAYERS, WET
30.00	11.61	4	4	4	0.3	8							SS-6	
28.00	13.14	6	6	5	0.3	11								
26.00	14.66	6	8	7	0.3	15							SS-7	
	16.18	8	11	12	0.3	23								GRAY MICACEOUS FINE TO COARSE SAND, SAT. (BLACK CREEK FORMATION)
24.00	17.71	5	6	9	0.3	15							SS-8	
22.00	19.23	13	30	39	0.3	69							SS-9	DARK GRAY MICACEOUS SANDY/SILTY CLAY, WET

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SHEET NO. 31  
 TOTAL SHEETS 46

SHEET 2 OF 2

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SITE DESCRIPTION BRIDGE ON NC 87 OVER REEDY MEADOW SWAMP							GROUND WATER								
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COLLAR ELEV. 41.30m	NORTHING 103,038.6036		EASTING 633,286.1527				24 HR. N.M.								
TOTAL DEPTH 25.79m	DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC										
START DATE 1/14/04	COMPLETION DATE 1/14/04		SURFACE WATER DEPTH		DEPTH TO ROCK										
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION		
		15cm	15cm	15cm		0	25	50	75	100					
21.00	20.76	4	5	9	0.3	14								SS-10	
19.00	22.28	5	6	9	0.3	15									
17.00	23.81	6	9	11	0.3	20							SS-11	DARK GRAY MICACEOUS SANDY/SILTY CLAY, WET (BLACK CREEK FORMATION)	
	25.33	7	9	9	0.3	18									
15.00															BORING TERMINATED AT ELEVATION 15.51 METERS IN VERY STIFF SANDY SILTY CLAY
13.00															
11.00															
9.00															
7.00															
5.00															
3.00															
1.00															

