

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2301201	ID. B-3467	COUNTY HALIFAX	GEOLOGIST M.M. HAGER				
SITE DESCRIPTION BRIDGE NO. 45 ON SR 1003 OVER BEECH SWAMP OVERFLOW			GROUND WATER				
BORING NO. B2-A	BORING LOCATION 31+77	OFFSET 8.0' LT.	ALIGNMENT -L-				
COLLAR ELEVATION 61.9'	NORTHING 0.00	EASTING 0.00	24 HR. N.M.				
TOTAL DEPTH 59.9'	DRILL MACHINE CME-45C	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC				
START DATE 12/18/02	COMPLETION DATE 12/19/02	SURFACE WATER DEPTH 2.0'					
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT	SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		0.5' 0.5' 0.5'		0 25 50 75 100			
61.9	0.0	WOHWOH	1				
60.0	4.5	WOHWOH	2		SS-7		TAN BROWN SILTY SANDY CLAY, WET (ALLUVIUM)
55.0	8.4	5 9 10	1		SS-8		
50.0	13.4	2 2 3	1				GRAY FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION)
45.0	18.4	11 14 12	1		SS-9		
40.0	23.4	9 9 9	1				
35.0	28.4	3 8 11	1		SS-10		GRAY SILTY CLAY, WET
30.0	33.4	8 13 19	1		SS-11		GRAY CLAYEY FINE TO COARSE SAND, SAT.
25.0	38.4	10 6 12	1		SS-12		
20.0	43.4	5 8 16	1				GRAY SANDY SILTY CLAY, WET
15.0	48.4	8 12 21	1		SS-13		
10.0	53.4	9 9 14	1				
5.0	58.4	13 23 36	1		SS-14		TAN COARSE SAND, SAT.
0.0							
-5.0							
-10.0							

BORING TERMINATED AT ELEV. 2.0' IN VERY DENSE COARSE SAND

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SHEET 1 OF 1

PROJECT NO. 8.2301201	ID. B-3467	COUNTY HALIFAX	GEOLOGIST M.M. HAGER/ K.B. MILLER				
SITE DESCRIPTION BRIDGE NO. 45 ON SR 1003 OVER BEECH SWAMP			GROUND WATER				
BORING NO. EB2-B	BORING LOCATION 32+20.0	OFFSET 14.0' RT.	ALIGNMENT -L-				
COLLAR ELEVATION 70.9'	NORTHING 0.00	EASTING 0.00	24 HR. 8.2'				
TOTAL DEPTH 69.7'	DRILL MACHINE CME-45C/ 45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC				
START DATE 1/6/03	COMPLETION DATE 2/19/03	SURFACE WATER DEPTH					
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT	SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		0.5' 0.5' 0.5'		0 25 50 75 100			
70.9	0.0	WOH	2				
	3.8	2 1 1	1				
65.0	7.3	1 1 1	1		SS-15		TAN BROWN FINE TO COARSE SAND, MOI. TO SAT. (FILL)
60.0	12.3	WOH	7		SS-16		
55.0	17.3	4 5 7	1				
50.0	22.3	1 1 3	1		SS-17		
45.0	27.3	6 9 13	1				GRAY FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION)
40.0	32.3	7 19 40	1		SS-18		
35.0	37.3	6 7 7	1				
30.0	42.3	7 11 16	1		SS-19		
25.0	47.3	7 19 25	1		SS-20		GRAY FINE SANDY SILT AND SILTY SANDY CLAY, WET
20.0	52.3	5 5 10	1		SS-21		
15.0	58.2	7 10 19	1				
10.0	63.2	10 12 16	1				GRAY SILTY CLAY, WET
5.0	68.2	8 10 15	1				
0.0							
-5.0							

BORING TERMINATED AT ELEV. 1.2' IN HARD SILTY CLAY