

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.2301501		ID. B-4134		COUNTY HALIFAX		GEOLOGIST M.M. HAGER								
SITE DESCRIPTION BRIDGE NO. 77 ON SR 1105 OVER TRIBUTARY OF DEEP CREEK							GROUND WATER							
BORING NO. EB2-A		BORING LOCATION 14+68		OFFSET 6.0' LT.		ALIGNMENT -L-								
COLLAR ELEVATION 87.8'		NORTHING 0.00		EASTING 0.00		24 HR. 7.0'								
TOTAL DEPTH 85.4'		DRILL MACHINE MOBILE B-47		DRILL METHOD ROTARY W/MUD		HAMMER TYPE MANUAL								
START DATE 5/7/03		COMPLETION DATE 5/7/03		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				
87.8	0.7	13	14	12	1									ASPHALT
85.0	3.9	2	1	0	1									TAN BROWN SILTY FINE SAND, MOI. (FILL)
80.0	8.9	7	6	5	1									GRAY SANDY SILT AND FINE TO COARSE SAND, MOI. TO SAT. (ALLUVIUM)
75.0	13.9	7	9	9	1									GRAY FINE TO COARSE SAND WITH GRAVEL, SAT.
70.0	18.9	2	1	2	1									GRAY SILTY FINE TO COARSE SAND WITH SOME SHELLS, SAT. (YORKTOWN FORMATION)
65.0	23.9	1	1	2	1									
60.0	28.9	1	1	1	1									
55.0	33.9	7	8	7	1									
50.0	38.9	4	4	4	1									
45.0	43.9	5	6	6	1									
40.0	48.9	6	7	6	1									
35.0	53.9	2	3	8	1									
30.0	58.9	7	12	15	1									GRAY GREEN SILTY CLAY, WET (CAPE FEAR FORMATION)
25.0	63.9	7	11	17	1									
20.0	68.9	13	19	25	1									
15.0	73.9	7	12	7	1									GRAY CLAYEY SAND, SAT.

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		0.5'	0.5'	0.5'		0	25	50	75	100				
10.0	78.9	8	8	10	1									GRAY GREEN CLAYEY SAND AND FINE TO COARSE SAND, SAT.
5.0	83.9	8	14	14	1									
0.0														
-5.0														
-10.0														
-15.0														
-20.0														
-25.0														
-30.0														
-35.0														
-40.0														
-45.0														
-50.0														
-55.0														
-60.0														
-65.0														

BORING TERMINATED AT  
ELEV. 2.4 FEET IN  
MEDIUM DENSE FINE TO  
COARSE SAND