

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. B2-B		BORING LOCATION 14+50		OFFSET 6.0' RT.		ALIGNMENT -L-						
COLLAR ELEVATION 88.2'		NORTHING 0.00		EASTING 0.00		24 HR. 4.0						
TOTAL DEPTH 85.1'		DRILL MACHINE MOBILE B-47		DRILL METHOD ROTARY W/MUD		HAMMER TYPE MANUAL						
START DATE 5/8/03		COMPLETION DATE 5/8/03		SURFACE WATER DEPTH								
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION
		0.5'	0.5'	0.5'		0	25	50	75			
88.2	0.7	6	7	7	1							ASPHALT
85.0	4.0	2	0	0	1							TAN SILTY FINE TO COARSE SAND, MOI. TO SAT. (FILL)
80.0	8.6	2	4	3	1							GRAY SANDY SILT, WET (ALLUVIUM)
75.0	13.6	3	3	2	1							GRAY FINE TO COARSE SAND WITH GRAVEL, SAT.
70.0	18.6	3	4	2	1							GRAY SILTY FINE SAND WITH SOME SHELL FRAGMENTS, SAT. (YORKTOWN FORMATION)
65.0	23.6	1	2	1	1							
60.0	28.6	1	1	2	1							
55.0	33.6	2	4	6	1							
50.0	38.6	4	4	5	1							
45.0	43.6	7	7	7	1							GRAY SILTY CLAY, WET (CAPE FEAR FORMATION)
40.0	48.6	7	5	5	1							
35.0	53.6	2	4	6	1							
30.0	58.6	8	12	13	1							
25.0	63.6	9	14	20	1							
20.0	68.6	12	19	20	1							GRAY CLAYEY SAND, SAT.
15.0	73.6	9	11	14	1							

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		0.5'	0.5'	0.5'		0	25	50	75			
10.0	78.6	11	11	14	1							GRAY CLAYEY SAND, SAT.
5.0	83.6	12	12	15	1							
0.0												BORING TERMINATED AT ELEV. 3.1 FEET IN MEDIUM DENSE CLAYEY SAND
-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												