

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.1331701		ID. B-3711		COUNTY WAYNE		GEOLOGIST M.M. HAGER								
SITE DESCRIPTION DETOUR BRIDGE ON NC III OVER NEUSE RIVER OVERFLOW							GROUND WATER							
BORING NO. EBI-A		BORING LOCATION 18+01		OFFSET 5.0' LT.		ALIGNMENT DETOUR								
COLLAR ELEVATION 55.3'		NORTHING 0.00		EASTING 0.00		24 HR. 3.2'								
TOTAL DEPTH 64.2'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 9/3/03		COMPLETION DATE 9/3/03		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	100				
55.3	0.0	2	4	3	1									
	4.0	1	1	2	1									TAN BROWN SILTY FINE TO COARSE SAND, MOI. TO SAT. (ALLUVIUM)
50.0	7.7	1	2	1	1									GRAY CLAYEY SANDY SILT, WET
45.0	12.7	1	4	4	1									GRAY FINE TO COARSE SAND, SAT.
40.0	17.7	4	6	3	1									TAN TO GRAY FINE TO COARSE SAND WITH CLAY LENSES, SAT. (BLACK CREEK FORMATION)
35.0	22.7	5	6	5	1									
30.0	27.7	2	4	4	1									
25.0	32.7	8	16	22	1									
20.0	37.7	6	11	14	1									
15.0	42.7	8	11	14	1									
10.0	47.7	5	22	29	1									
5.0	52.7	13	17	25	1									
0.0	57.7	15	25	27	1									
-5.0	62.7	27	33	35	1									
-10.0														
-15.0														BORING TERMINATED AT ELEV. -8.9' IN VERY DENSE FINE TO COARSE SAND

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PROJECT NO. 8.1331701		ID. B-3711		COUNTY WAYNE		GEOLOGIST M.M. HAGER								
SITE DESCRIPTION DETOUR BRIDGE ON NC III OVER NEUSE RIVER OVERFLOW							GROUND WATER							
BORING NO. EB2-A		BORING LOCATION 19+11		OFFSET 5.0' LT.		ALIGNMENT DETOUR								
COLLAR ELEVATION 55.1'		NORTHING 0.00		EASTING 0.00		24 HR. 3.0'								
TOTAL DEPTH 64.5'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 9/2/03		COMPLETION DATE 9/2/03		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	100				
55.1	0.0	1	3	4	1									
	3.9	3	1	2	1									TAN BROWN SILTY FINE TO COARSE SAND, MOI. TO SAT. (ALLUVIUM)
50.0	8.0	3	4	5	1									TAN GRAY SANDY SILTY CLAY, WET
45.0	13.0	4	7	7	1									GRAY FINE TO COARSE SAND, SAT.
40.0	18.0	1	0	1	1									TAN GRAY FINE TO COARSE SAND WITH CLAY LENSES, SAT. (BLACK CREEK FORMATION)
35.0	23.0	4	3	5	1									
30.0	28.0	4	10	12	1									
25.0	33.0	11	11	33	1									
20.0	38.0	7	8	13	1									
15.0	43.0	13	19	24	1									
10.0	48.0	5	11	27	1									
5.0	53.0	12	16	27	1									
0.0	58.0	17	26	27	1									
-5.0	63.0	36	43	49	1									
-10.0														
-15.0														BORING TERMINATED AT ELEV. -9.4' IN VERY DENSE FINE TO COARSE SAND