NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.2301501	ID. B-4134	COUNTY HALIFAX	GEOLOGIST K.B. MILLER
SITE DESCRIPTION BRIDGE NO. 77 ON SR 1105 OVER TRIBUTARY OF DEEP CREEK			GROUND WATER
BORING NO. EBI-A	BORING LOCATION 13+69	OFFSET 14.0' LT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 87.9'	NORTHING 0.00	EASTING 0.00	24 HR. 3.3'
TOTAL DEPTH 85.6'	DRILL MACHINE MOBILE B-47	DRILL METHOD ROTARY W/MUD	HAMMER TYPE MANUAL
START DATE 3/3/03	COMPLETION DATE 3/4/03	SURFACE WATER DEPTH	

ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
87.9	0.0	3	4	5	1	9				TAN/BROWN SILTY FINE SAND, MOI. (FILL)
85.0	4.2	2	1	1	1	2				GRAY SANDY SILT AND SILTY FINE SAND, SAT. (ALLUVIUM)
80.0	9.1	1	1	3	1	4	SS-1			
75.0	14.1	1	4	6	1	10				GRAY FINE TO COARSE SAND WITH GRAVEL, SAT.
70.0	19.1	3	5	2	1	7	SS-2			
65.0	24.1	1	2	2	1	4				GRAY SILTY FINE TO COARSE SAND WITH SOME SHELLS, SAT. (YORKTOWN FORMATION)
60.0	29.1	1	1	1	1	2				
55.0	34.1	1	1	2	1	3	SS-3			
50.0	39.1	3	5	6	1	11				
45.0	44.1	8	8	9	1	17	SS-4			
40.0	49.1	6	7	6	1	13				
35.0	54.1	2	5	9	1	14	SS-5	38%		
30.0	59.1	17	21	27	1	48	SS-6	34%		GRAY GREEN SILTY CLAY, WET (CAPE FEAR FORMATION)
25.0	64.1	7	10	14	1	24				
20.0	69.1	22	34	33	1	67	SS-7			GRAY GREEN CLAYEY SAND AND FINE TO COARSE SAND, SAT.
15.0	74.1	12	16	18	1	34				
10.0	79.1	8	9	10	1	19	SS-8			

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ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
8.0										GRAY GREEN CLAYEY SAND AND FINE TO COARSE SAND, SAT.
3.0	84.1	10	14	12	1	26	SS-9			
-2.0						BORING TERMINATED AT ELEV. 2.3' IN MEDIUM DENSE COARSE SAND				
-7.0										
-12.0										
-17.0										
-22.0										
-27.0										
-32.0										
-37.0										
-42.0										
-47.0										
-52.0										
-57.0										
-62.0										
-67.0										
-72.0										