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. QUICK
SITE DESCRIPTION BRIDGE NO. 77 ON SR 1105 OVER TRIBUTARY OF DEEP CREEK			GROUND WATER
BORING NO. BI-B	BORING LOCATION 14+01	OFFSET 5.0' RT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 78.3'	NORTHING 0.00	EASTING 0.00	24 HR. N.M.
TOTAL DEPTH 80.4'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 3/12/03	COMPLETION DATE 3/13/03	SURFACE WATER DEPTH 5.7'	

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
78.3	0.0	WOH	WOH	WOH	1	X 0				
75.0	4.1	3	4	6	1	X 10	SS-32			TAN FINE TO COARSE SAND, SAT. (ALLUVIUM)
70.0	8.9	6	7	3	1	X 10				GRAY FINE TO COARSE SAND WITH GRAVEL, SAT.
65.0	13.9	1	1	1	1	X 2	SS-33			
60.0	18.9	WOH	WOH	WOH	1	X 0				
55.0	23.9	WOH	1	2	1	X 3				GRAY SILTY FINE SAND WITH SOME SHELL FRAGMENTS, SAT. (YORKTOWN FORMATION)
50.0	28.9	2	3	4	1	X 7	SS-34			
45.0	33.9	3	5	6	1	X 11				
40.0	38.9	6	4	4	1	X 8				
35.0	43.9	1	2	1	1	X 3	SS-35			
30.0	48.9	10	18	19	1	X 37	SS-36	35%		GRAY SILTY CLAY, WET (CAPE FEAR FORMATION)
25.0	53.9	16	27	30	1	X 57				
20.0	58.9	11	12	18	1	X 30				
15.0	63.9	6	8	8	1	X 16	SS-37			GRAY CLAYEY SAND AND FINE TO COARSE SAND, SAT.
10.0	68.9	12	14	23	1	X 37				
5.0	73.9	9	10	12	1	X 22	SS-38			
0.0	78.9	37	41	46	1	X 87				

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						BORING TERMINATED AT ELEV. -2.1' IN VERY DENSE GRAY FINE TO COARSE SAND				