

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2251101		ID. B-3496		COUNTY NEW HANOVER		GEOLOGIST K. B. MILLER								
DESCRIPTION BRIDGE NO. 10 ON SR 1411 OVER BRADLEY CREEK							GROUND WATER							
BORING NO. B3-B		BORING LOCATION 18+17		OFFSET 14.0' RT.		ALIGNMENT -L-								
COLLAR ELEVATION 8.1'		NORTHING		EASTING		0 HR. N.M. 24 HR. 5.6'								
TOTAL DEPTH 43.2'		DRILL MACHINE MOBILE B-47		DRILL METHOD ROTARY W/MUD		HAMMER TYPE MANUAL								
START DATE 1/8/03		COMPLETION DATE 1/8/03		SURFACE WATER DEPTH N/A										
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				
8.1	0.0													TAN AND GRAY BROWN FINE TO COARSE SAND, MOI. TO SAT. (FILL)
5.0	4.3	2	1	2	1	X3								GRAY SLIGHTLY ORGANIC
	6.7	1	1	2	1	X3								INTERBEDDED SANDY CLAY, SILTY CLAY AND CLAYEY FINE TO COARSE SAND, WET TO SAT. (ALLUVIUM)
0.0	9.2	1	1	1	1	X2								BRN. FINE TO COARSE SAND, SAT. (COASTAL PLAIN)
	11.7	WOH	1	1	1	X2								
-5.0	14.2	1	1	2	1	X3								
-10.0	19.2	13	19	21	1					X40				
-15.0	24.2	11	15	14	1					X29				LOOSE TO DENSE GRAY FINE TO COARSE SAND, SAT.
0.0	29.2	7	8	9	1					X17				
-25.0	34.2	4	5	4	1					X9				
-30.0	39.2	6	7	6	1					X13				
-35.0	43.2	50			0.0					100+*				GRAY FINE SDY. LIMESTONE, SAT.
SPT REFUSAL AT ELEV. -35.1 FEET IN FINE SANDY LIMESTONE														

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SHEET 1 OF 1

PROJECT NO. 8.2251101		ID. B-3496		COUNTY NEW HANOVER		GEOLOGIST K. B. MILLER								
SITE DESCRIPTION BRIDGE NO. 10 ON SR 1411 OVER BRADLEY CREEK							GROUND WATER							
BORING NO. EB2-A		BORING LOCATION 18+67		OFFSET 17.0' LT.		ALIGNMENT -L-								
COLLAR ELEVATION 7.5'		NORTHING		EASTING		0 HR. N.M. 24 HR. 5.0'								
TOTAL DEPTH 46.2'		DRILL MACHINE MOBILE B-47		DRILL METHOD ROTARY W/MUD		HAMMER TYPE MANUAL								
START DATE 1/9/03		COMPLETION DATE 1/9/03		SURFACE WATER DEPTH N/A										
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				
7.5	0.0													
5.0	4.2	1	1	1	1	X2								TAN FINE TO COARSE SAND, MOI. TO SAT. (FILL)
0.0	9.1	1	1	3	1	X4								GRAY FINE SANDY SILTY CLAY, WET (ALLUVIUM)
-5.0	14.1	1	2	2	1	X4								
-10.0	19.1	4	11	20	1					X31				
-15.0	24.1	8	11	13	1					X24				
-20.0	29.1	7	9	11	1					X20				
-25.0	34.1	4	9	10	1					X19				
-30.0	39.1	7	8	8	1					X16				
-35.0	44.1	2	1	1	1	X2								GRAY BROWN FINE TO COARSE SAND, SAT.
-40.0	46.2	50			0.0					100+*				
SPT REFUSAL AT ELEV. -38.7 FEET ON FINE SANDY LIMESTONE														