

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. EBI-A		BORING LOCATION 16+67		OFFSET 16.0' LT.		ALIGNMENT -L-							
COLLAR ELEVATION 9.0'		NORTHING		EASTING		0 HR. N.M. 24 HR. 6.5'							
TOTAL DEPTH 48.7'		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 MOI.	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75				100
9.0	0.0												
5.0	4.3	3	2	2	1	X4						SS-4	GRAY FINE TO COARSE SAND, MOI. TO SAT. (FILL)
0.0	9.2	2	3	5	1	X8							YELLOW-ORANGE FINE TO COARSE SAND, SAT. (COASTAL PLAIN)
-5.0	14.2	8	11	10	1	X21						SS-5	TAN AND WHITE FINE TO COARSE SAND, SAT.
-10.0	19.2	8	11	13	1	X24							
-15.0	24.2	9	11	13	1	X24							
-20.0	29.2	10	11	12	1	X23							
-25.0	34.2	7	7	9	1	X16						SS-6	GRAY BROWN FINE TO COARSE SAND, SAT.
-30.0	39.2	8	10	13	1	X23							
-35.0	44.2	2	1	1	1	X2							
-40.0	48.7	50			0.0					100+X			
SPT REFUSAL AT ELEV. -39.7 FEET ON FINE SANDY LIMESTONE													

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(6)

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. BI-B		BORING LOCATION 17+27		OFFSET 15.0' RT.		ALIGNMENT -L-							
COLLAR ELEVATION 8.9'		NORTHING		EASTING		0 HR. N.M. 24 HR. 6.3'							
TOTAL DEPTH 49.3'		DRILL MACHINE MOBILE B-47		DRILL METHOD ROTARY W/MUD		HAMMER TYPE MANUAL							
START DATE 1/6/03		COMPLETION DATE 1/7/03		SURFACE WATER DEPTH N/A									
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
8.9	0.0												
5.0	4.1	3	1	2	1	X3							GRAY WHITE AND TAN FINE TO COARSE SAND, MOI. TO SAT. (FILL)
0.0	9.0	1	1	2	1	X3							GRAY SLI. ORGANIC FINE SANDY SILTY CLAY WITH WOOD, WET (ALLUVIUM)
-5.0	13.8	7	7	7	1	X14						SS-1 ST-1	TAN FINE TO COARSE SAND, SAT. (COASTAL PLAIN)
-10.0	18.8	10	15	14	1	X29							
-15.0	23.8	6	10	11	1	X21							
-20.0	28.8	9	15	19	1	X34						SS-2	
-25.0	33.8	11	16	23	1	X39							
-30.0	38.8	7	12	10	1	X22							SS-3
-35.0	43.8	8	9	10	1	X19							
-40.0	48.8	100			0.5					100+X			GRAY FINE SDY. LIMESTONE SAT.
SPT REFUSAL AT ELEV. -40.4 FEET IN FINE SANDY LIMESTONE													