

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 8.I080701		ID. B-3349		COUNTY HYDE		GEOLOGIST A. H. GRIMES									
SITE DESCRIPTION BRIDGE NO. 32 ON US 264 OVER ROSE BAY CREEK							GROUND WATER								
BORING NO. EB2-B		BORING LOCATION 16+45		OFFSET 23.0' RT.		ALIGNMENT -L-	0 HR. N.M.								
COLLAR ELEVATION 4.6'		NORTHING			EASTING		24 HR. 3.8'								
TOTAL DEPTH 128.8'		DRILL MACHINE CME-45C		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC									
START DATE 11/30/00		COMPLETION DATE 1/4/01		SURFACE WATER DEPTH N/A											
ELEV.	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	1.0'	1.5'		0	25	50	75	100					
4.6	0.0	1	2	1	1	X3									TAN GRAY FINE TO COARSE SAND, MOI. TO SAT. (FILL)
0.0	3.6	1	2	1	1	X3									
-5.0	7.3	WOH	WOH	WOH	1	X0									DARK BROWN SLIGHTLY ORGANIC CLAYEY SANDY SILT, WET (ALLUVIUM)
-10.0	12.3	WOH	WOH	WOH	1	X0									
-15.0	17.3	4	7	6	1	X13									TAN GRAY FINE SAND, SAT.
-20.0	22.3	WOH	WOH	WOH	1	X0						84%			
-25.0	27.3	WOH	WOH	WOH	1	X0									
-30.0	32.3	WOH	1	2	1	X3									
-35.0	37.3	WOH	1	2	1	X3									GRAY FINE SANDY SILTY CLAY WITH SHELL FRAGMENTS, WET (YORKTOWN FORMATION)
-40.0	42.3	1	2	3	1	X5									
-45.0	47.3	WOH	WOH	2	1	X2									
-50.0	52.3	1	1	1	1	X2						80%			
-55.0	57.3	WOH	WOH	1	1	X1									
-60.0	62.3	7	3	4	1	X7									GRAY FINE TO COARSE SAND, SAT.
-65.0	67.3	WOH	WOH	3	1	X3									GRAY SILTY FINE SANDY CLAY WITH SHELL FRAGMENTS, WET
-70.0	72.3	13	16	24	1			X40							GRAY FINE TO COARSE SAND, SAT.
	77.3	2	4	5	1	X9						66%			GRAY FINE SANDY SILTY CLAY WITH SHELL FRAGMENTS, SAT.