

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 8.1080701	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. BI-B	BORING LOCATION 15+61	OFFSET 6.0' RT.	ALIGNMENT -L-
COLLAR ELEVATION -6.6		NORTHING	EASTING
TOTAL DEPTH 124.7'	DRILL MACHINE CME-45C	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 12/8/00	COMPLETION DATE 12/14/00	SURFACE WATER DEPTH 7.2'	

ELEV.	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100					
-6.6	0.0	WOR	WOR	WOR	1	X0									
-10.0	2.5	3	2	3	1	X5									DARK BROWN SLIGHTLY ORGANIC CLAYEY SANDY SILT, WET (ALLUVIUM)
	5.0	5	2	2	1	X4									TAN GRAY FINE SAND, SAT.
-15.0	7.5	1	1	2	1	X3									
	10.0	2	1	2	1	X3									
-20.0	13.9	WOH	WOH	WOH	1	X0									
	18.9	WOH	1	0	1	X1									
-30.0	23.9	WOH	1	1	1	X2									
-35.0	28.9	1	1	1	1	X2									GRAY FINE SANDY SILTY CLAY WITH SHELL FRAGMENTS, WET (YORKTOWN FORMATION)
-40.0	33.9	WOH	WOH	1	1	X1									
-45.0	38.9	WOH	WOH	1	1	X1									
-50.0	43.9	WOH	WOH	2	1	X2									
-55.0	48.9	1	2	2	1	X4									
-60.0	53.9	WOH	WOH	WOH	1	X0									GRAY GREEN CLAYEY FINE SANDY SILT WITH SHELL FRAGMENTS, WET
-65.0	58.9	9	14	21	1	X35									GRAY FINE TO COARSE SAND, SAT.
-70.0	63.9	19	11	8	1	X19									
-75.0	68.9	2	4	4	1	X8									
-80.0	73.9	2	4	5	1	X9									GRAY FINE SANDY SILTY CLAY WITH SHELL FRAGMENTS, WET