

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

<b>PROJECT NO.</b> 8.I08070I		<b>ID.</b> B-3349		<b>COUNTY</b> HYDE		<b>GEOLOGIST</b> A. H. GRIMES	
<b>SITE DESCRIPTION</b> BRIDGE NO. 32 ON US 264 OVER ROSE BAY CREEK							<b>GROUND WATER</b>
<b>BORING NO.</b> EBI-A		<b>BORING LOCATION</b> 15+16		<b>OFFSET</b> 12.0' LT.		<b>ALIGNMENT</b> -L-	
<b>COLLAR ELEVATION</b> 6.6'		<b>NORTHING</b>			<b>EASTING</b>		0 HR. N.M.
							24 HR. 5.8'
<b>TOTAL DEPTH</b> 128.8'		<b>DRILL MACHINE</b> CME-45C		<b>DRILL METHOD</b> ROTARY W/MUD		<b>HAMMER TYPE</b> AUTOMATIC	
<b>START DATE</b> 12/5/00		<b>COMPLETION DATE</b> 12/7/00		<b>SURFACE WATER DEPTH</b> 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					
6.6	0.0	1	3	5	1										
5.0	3.7	2	2	1	1										TAN GRAY FINE TO COARSE SAND, MOI. (FILL)
0.0	7.3	WOH	2	3	1										BROWN SLIGHTLY ORGANIC SILTY SANDY CLAY, MOI. TO WET (ALLUVIUM)
-5.0	12.3	8	11	10	1										TAN GRAY FINE SAND, SAT.
-10.0	17.3	3	3	2	1										
-15.0	22.3	1	1	1	1							81%			
-20.0	27.3	WOH	WOH	WOH	1										
-25.0	32.3	WOH	WOH	1	1										
-30.0	37.3	1	1	2	1										
-35.0	42.3	1	2	2	1										GRAY FINE SANDY SILTY CLAY WITH SHELL FRAGMENTS, WET (YORKTOWN FORMATION)
-40.0	47.3	WOH	2	3	1										
-45.0	52.3	WOH	WOH	2	1							83%			
-50.0	57.3	WOH	1	2	1										
-55.0	62.3	WOH	2	3	1										
-60.0	67.3	WOH	2	3	1										
-65.0	72.3	5	6	11	1										GRAY GREEN CLAYEY FINE SANDY SILT WITH SHELL FRAGMENTS, WET
															GRAY F. TO CSE. SAND, SAT.