NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

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. B2-A	**BORING LOCATION** 16+02	**OFFSET** 8.0' LT.	**ALIGNMENT** -L-	**0 HR.** N.M.
COLLAR ELEVATION -4.3'	**NORTHING**	**EASTING**	**24 HR.** N.M.
TOTAL DEPTH 98.1'	**DRILL MACHINE** CME-45C	**DRILL METHOD** ROTARY W/MUD	**HAMMER TYPE** AUTOMATIC
START DATE 12/19/00	**COMPLETION DATE** 12/20/00	**SURFACE WATER DEPTH** 4.8'	

ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NUMBER	▼ MOI.	LOG	SOIL AND ROCK DESCRIPTION
-4.3	0.0	WOR	WOR	WOR	1	X 0	SS-31			DARK BROWN SLIGHTLY ORGANIC CLAYEY SANDY SILT, WET (ALLUVIUM)
	2.5	WOR	WOR	WOR	1	X 0				
-10.0	5.0	WOH	3	3	1	X 6				TAN GRAY FINE SAND, SAT.
	9.3	2	1	2	1	X 3	SS-32	83%		
-15.0										
	13.4	WOH	WOH	WOH	1	X 0				
-20.0	16.6	WOH	WOH	WOH	1	X 0				
-25.0	21.6	WOH	WOH	2	1	X 2	SS-33	53%		
-30.0	26.6	1	1	3	1	X 4				GRAY FINE SANDY SILTY CLAY WITH SHELL FRAGMENTS, WET (YORKTOWN FORMATION)
-35.0	31.6	1	1	2	1	X 3				
-40.0	36.6	WOH	1	2	1	X 3	SS-34			
-45.0	41.6	WOH	WOH	2	1	X 2				
-50.0	46.6	WOH	WOH	2	1	X 2				
-55.0	51.6	1	6	5	1	X 11	SS-35			
-60.0	56.6	WOH	WOH	3	1	X 3				GRAY FINE TO COARSE SAND, SAT.
-65.0	61.6	15	53	38	1	91 X	SS-36			
-70.0	66.6	16	10	6	1	X 16				
-75.0	71.6	4	5	6	1	X 11	SS-37	50%		GRAY FINE SANDY SILTY CLAY WITH SHELL FRAGMENTS, WET