NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.2110401	**ID.** B-4222	**COUNTY** PASQUOTANK	**GEOLOGIST** R. L. CHILCOTE
SITE DESCRIPTION BRIDGE NO. 24 ON SR 1140 OVER HALLS CREEK			**GROUND WATER**
BORING NO. BI-A	**BORING LOCATION** 11+35	**OFFSET** 5.0' LT.	**ALIGNMENT** -L-	**0 HR.** N.M.
COLLAR ELEVATION -5.3'	**NORTHING**	**EASTING**		**24 HR.** N.M.
TOTAL DEPTH 70.8'	**DRILL MACHINE** CME-45B	**DRILL METHOD** ROTARY W/MUD	**HAMMER TYPE** MANUAL	
START DATE 11/16/93	**COMPLETION DATE** 11/17/93	**SURFACE WATER DEPTH** 5.9'		

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
-5.3	0.0	WOR	WOR	WOR	1	X 0				
	2.5	0	1	0	1	X 1	SS-10			DK. BRN. ORGANIC SAND, SAT. (ALLUVIUM)
-10.0	5.0	0	1	0	1	X 1				TAN FINE TO COARSE SAND, SAT.
-15.0	9.4	2	1	1	1	X 2	SS-11			
-20.0	14.3	2	1	2	1	X 3				
-25.0	19.3	1	1	1	1	X 2	SS-12	84%		
0	24.3	1	1	0	1	X 1				
-35.0	29.3	1	1	1	1	X 2				GREEN-GRAY SILTY CLAY WITH SHELLS, WET (YORKTOWN FORMATION)
							ST-1			
-40.0	34.3	1	1	2	1	X 3	SS-13			
-45.0	39.3	1	2	2	1	X 4				
-50.0	44.3	1	0	1	1	X 1				
-55.0	49.3	1	0	1	1	X 1	SS-14			
-60.0	54.3	14	26	32	1	X 58	SS-15			GRAY FINE TO COARSE SAND, SAT.
-65.0	59.3	20	34	38	1	X 72				
-70.0	64.3	13	10	12	1	X 22				
-75.0	69.3	6	8	12	1	X 20	SS-16			GRAY FINE SAND, SAT.

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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
-85.0						BORING TERMINATED AT ELEV. -76.1 FEET IN MEDIUM DENSE FINE SAND				
-90.0										
-95.0										
-100.0										
-105.0										
-110.0										
-115.0										
-120.0										
-125.0										
-130.0										
-135.0										
-140.0										
-145.0										
-150.0										
-155.0										