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. EBI-B	BORING LOCATION 10+85	OFFSET 12.0' RT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 4.5'	NORTHING	EASTING	24 HR. 3.7'
TOTAL DEPTH 95.6'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE MANUAL
START DATE 11/15/93	COMPLETION DATE 11/16/93	SURFACE WATER DEPTH N/A	

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
4.5	0.0	1	1	1	1	X 2	SS-1			TAN-BROWN FINE TO COARSE SAND AND SANDY SILT, MOI. TO SAT. (FILL)
	2.5	1	2	1	1	X 3	SS-2	▼		
0.0	5.0	1	1	1	1	X 2				
	7.5	1	0	1	1	X 1	SS-3			MUCK, SAT. (ALLUVIUM)
-5.0	10.0	3	2	2	1	X 4				
	12.5	11	11	13	1	X 24				WOOD
-10.0	15.0	3	6	6	1	X 12	SS-4			
-15.0	18.9	1	1	5	1	X 6				TAN FINE TO COARSE SAND, SAT.
-20.0	23.9	3	2	2	1	X 4	SS-5			
-25.0	28.8	1	1	1	1	X 2				
-30.0	33.8	1	1	1	1	X 2	SS-6			GREEN-GRAY SILTY CLAY WITH SHELLS, WET (YORKTOWN FORMATION)
-35.0	39.1	1	1	1	1	X 2				
-40.0	44.1	12	1	2	1	X 3				
-45.0	49.1	1	1	1	1	X 2	SS-7	80%		
-50.0	54.1	1	1	1	1	X 2				
-55.0	59.1	1	3	18	1	X 21				
-60.0	64.1	21	28	26	1	X 54	SS-8			GRAY FINE TO COARSE SAND, SAT.
-65.0	69.0	22	32	35	1	X 67				
	74.0	11	20	22	1	X 42				

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START DATE 11/15/93	COMPLETION DATE 11/16/93	SURFACE WATER DEPTH N/A	

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
-75.0	79.0	3	5	7	1	X 12	SS-9			GRAY F. TO CSE. SAND, SAT.
-80.0	84.1	3	5	4	1	9 X				GRAY FINE SAND, SAT.
-85.0	89.1	34	45	39	1	84 X				
-90.0	94.1	25	32	42	1	74 X				GRAY FINE TO COARSE SAND, SAT.
-95.0						BORING TERMINATED AT ELEV. -91.1 FEET IN VERY DENSE FINE TO COARSE SAND				
-100.0										
-105.0										
-110.0										
-115.0										
-120.0										
-125.0										
-130.0										
-135.0										
-140.0										
-145.0										