

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO.	8.1080601	ID.	B-3348	COUNTY	HYDE	GEOLOGIST	D.R. ALLIGOOD						
SITE DESCRIPTION							BRIDGE NO. 54 ON US 264 OVER KITTY CREEK	GROUND WATER					
BORING NO.	EBI-A	BORING LOCATION	21+85	OFFSET	14.0' LT.	ALIGNMENT	-L-	0 HR. N.M.					
COLLAR ELEVATION	4.2'	NORTHING	0.00	EASTING	0.00			24 HR. 3.5'					
TOTAL DEPTH	105.0'	DRILL MACHINE	CME-45B	DRILL METHOD	ROTARY W/MUD	HAMMER TYPE		AUTOMATIC					
START DATE	11/20/02	COMPLETION DATE	11/20/02	SURFACE WATER DEPTH									
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		0.5'	0.5'	0.5'		0	25	50	75	100			
4.3													LOOSE BROWN SILTY SAND, MOI. (FILL)
0.0	3.5	5	2	2	1	X4							
-5.0	8.5	4	5	5	1	X10					SS-21		
-10.0	13.5	WOH	WOH	1	1	X1							INTERLAYERED GRAY FINE SANDY SILT, SANDY CLAY AND SILTY FINE SAND, WET TO SAT.
-15.0	18.5	WOH	WOH	WOH	1	X0					SS-22		
-20.0	23.5	WOH	WOH	WOH	1	X0							
-25.0	28.5	WOH	WOH	WOH	1	X0							
-30.0	33.5	5	3	4	1	X7					SS-23		
-35.0	38.5	1	2	1	1	X3							
-40.0	43.5	2	3	2	1	X5							
-45.0	48.5	4	5	7	1	X12							GRAY SILTY FINE SAND WITH SOME SHELL FRAGMENTS, SAT.
-50.0	53.5	5	7	7	1	X14							
-55.0	58.5	5	8	9	1	X17							
-60.0	63.5	4	4	6	1	X10					SS-24		
-65.0	68.5	1	2	5	1	X7					SS-25		
-70.0	73.5	1	2	3	1	X5							GRAY SILTY FINE SAND AND FINE SANDY SILT WITH SOME SHELL FRAGMENTS, SAT.
	78.5	6	11	12	1	X23					SS-26		

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		0.5'	0.5'	0.5'		0	25	50	75	100			
75.0													
-80.0	83.5	12	20	20	1	X40							
-85.0	88.5	11	25	30	1	X55					SS-27		GRAY SILTY FINE SAND AND FINE SANDY SILT WITH SOME SHELL FRAGMENTS, SAT.
-90.0	93.5	11	15	15	1	X30							
-95.0	98.5	9	5	6	1	X11							
-100.0	103.5	7	7	5	1	X12							
-105.0													BORING TERMINATED AT ELEV. -100.8 FEET IN STIFF GRAY SANDY SILT
-110.0													
-115.0													
-120.0													
-125.0													
-130.0													
-135.0													
-140.0													
-145.0													
-150.0													