

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO.	8.I08060I	ID.	B-3348	COUNTY	HYDE	GEOLOGIST	D.R. ALLIGOOD
SITE DESCRIPTION							BRIDGE NO. 54 ON US 264 OVER KITTY CREEK
BORING NO.	EBI-B	BORING LOCATION	2I+85	OFFSET	14.0' RT.	ALIGNMENT	-L-
COLLAR ELEVATION		1.9'	NORTHING	0.00	EASTING	0.00	GROUND WATER
TOTAL DEPTH		103.6'	DRILL MACHINE	CME-45B	DRILL METHOD	ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE		2/II/03	COMPLETION DATE	2/II/03	SURFACE WATER DEPTH		
ELEV.	DEPTH (FT.)	BLOW COUNT (0.5', 0.5', 0.5')	PEN. (FT.)	BLOWS PER FOOT (0, 25, 50, 75, 100)	SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
1.9	0.0	WOHWOHWOH	I	X 0			BROWN SILTY SAND, MOI. (FILL)
0.0	4.3	WOHWOHWOH	I	X 0	SS-60		INTERLAYERED BROWN AND GRAY FINE SANDY SILT AND SILTY FINE SAND WITH ORGANIC LAYERS AND SHELL FRAGMENTS, WET TO SAT.
-5.0	7.1	4 5 6	I	X II	SS-61		
-10.0	12.1	1 1 1	I	X 2			
-15.0	17.1	WOHWOHWOH	I	X 0	SS-62		
-20.0	22.1	WOHWOH	1	X I			
-25.0	27.1	WOHWOH	1	X I			GRAY SILTY FINE SAND WITH SHELL FRAGMENTS, SAT.
-30.0	32.1	2 4 5	I	X 9			
-35.0	37.1	1 1 3	I	X 4	SS-63		
-40.0	42.1	3 3 4	I	X 7			
-45.0	47.1	5 7 8	I	X 15			
-50.0	52.1	3 2 3	I	X 5			GRAY SILTY FINE SAND AND SANDY SILT WITH SHELL FRAGMENTS, SAT.
-55.0	57.1	4 5 5	I	X 10	SS-64		
-60.0	62.1	3 4 4	I	X 8			
-65.0	67.1	1 3 5	I	X 8	SS-65		
-70.0	72.1	2 3 3	I	X 6			

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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	LOG	SOIL AND ROCK DESCRIPTION
75.0	77.1	10 11 13	I	X 24	SS-66		GRAY SILTY FINE SAND AND SANDY SILT WITH SHELL FRAGMENTS, SAT.
-80.0	82.1	11 8 8	I	X 16			
-85.0	87.1	17 18 18	I	X 36			
-90.0	92.1	16 12 23	I	X 35			
-95.0	97.1	3 6 10	I	X 16			
-100.0	102.1	5 6 13	I	X 19			BORING TERMINATED AT ELEV. -101.7 FEET IN VERY STIFF GRAY SANDY SILT
-105.0							
-110.0							
-115.0							
-120.0							
-125.0							
-130.0							
-135.0							
-140.0							
-145.0							
-150.0							