NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

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-
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.	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										
	3.5	5	2	2	1	X 4				LOOSE BROWN SILTY SAND, MOI. (FILL)
0.0										
	8.5	4	5	5	1	X 10	SS-21			
-5.0										
	13.5	WOH	WOH	1	1	X 1				INTERLAYERED GRAY FINE SANDY SILT, SANDY CLAY AND SILTY FINE SAND, WET TO SAT.
-10.0										
	18.5	WOH	WOH	WOH	1	X 0	SS-22			
-15.0										
	23.5	WOH	WOH	WOH	1	X 0				
-20.0										
	28.5	WOH	WOH	WOH	1	X 0				
-25.0										
	33.5	5	3	4	1	X 7	SS-23			
-30.0										
	38.5	1	2	1	1	X 3				
-35.0										
	43.5	2	3	2	1	X 5				
-40.0										
	48.5	4	5	7	1	X 12				GRAY SILTY FINE SAND WITH SOME SHELL FRAGMENTS, SAT.
-45.0										
	53.5	5	7	7	1	X 14				
-50.0										
	58.5	5	8	9	1	X 17				
-55.0										
	63.5	4	4	6	1	X 10	SS-24			
-60.0										
	68.5	1	2	5	1	X 7	SS-25			
-65.0										
	73.5	1	2	3	1	X 5				GRAY SILTY FINE SAND AND FINE SANDY SILT WITH SOME SHELL FRAGMENTS, SAT.
-70.0										
	78.5	6	11	12	1	X 23	SS-26			

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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
75.0										
	83.5	12	20	20	1	X 40				
-80.0										
	88.5	11	25	30	1	X 55				
-85.0										
	93.5	11	15	15	1	X 30	SS-27			GRAY SILTY FINE SAND AND FINE SANDY SILT WITH SOME SHELL FRAGMENTS, SAT.
-90.0										
	98.5	9	5	6	1	X 11				
-95.0										
	103.5	7	7	5	1	X 12				
-100.0										
-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										