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-B	BORING LOCATION 21+85	OFFSET 14.0' RT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 1.9'	NORTHING 0.00	EASTING 0.00	24 HR. 1.3'
TOTAL DEPTH 103.6'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 2/11/03	COMPLETION DATE 2/11/03	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	MOI.	LOG	SOIL AND ROCK DESCRIPTION
1.9	0.0	WOH	WOH	WOH	1	X 0				BROWN SILTY SAND, MOI. (FILL)
0.0	4.3	WOH	WOH	WOH	1	X 0	SS-60			
-5.0	7.1	4	5	6	1	X 11	SS-61			INTERLAYERED BROWN AND GRAY FINE SANDY SILT AND SILTY FINE SAND WITH ORGANIC LAYERS AND SHELL FRAGMENTS, WET TO SAT.
-10.0	12.1	1	1	1	1	X 2				
-15.0	17.1	WOH	WOH	WOH	1	X 0	SS-62			
-20.0	22.1	WOH	WOH	1	1	X 1				
-25.0	27.1	WOH	WOH	1	1	X 1				
-30.0	32.1	2	4	5	1	X 9				
-35.0	37.1	1	1	3	1	X 4	SS-63			GRAY SILTY FINE SAND WITH SHELL FRAGMENTS, SAT.
-40.0	42.1	3	3	4	1	X 7				
-45.0	47.1	5	7	8	1	X 15				
-50.0	52.1	3	2	3	1	X 5				
-55.0	57.1	4	5	5	1	X 10	SS-64			
-60.0	62.1	3	4	4	1	X 8				
-65.0	67.1	1	3	5	1	X 8	SS-65			GRAY SILTY FINE SAND AND SANDY SILT WITH SHELL FRAGMENTS, SAT.
-70.0	72.1	2	3	3	1	X 6				

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75.0	77.1	10	11	13	1	X 24	SS-66			GRAY SILTY FINE SAND AND SANDY SILT WITH SHELL FRAGMENTS, SAT.
-80.0	82.1	11	8	8	1	X 16				
-85.0	87.1	17	18	18	1	X 36				
-90.0	92.1	16	12	23	1	X 35				
-95.0	97.1	3	6	10	1	X 16				
-100.0	102.1	5	6	13	1	X 19				
-105.0										BORING TERMINATED AT ELEV. -101.7 FEET IN VERY STIFF GRAY SANDY SILT
-110.0										
-115.0										
-120.0										
-125.0										
-130.0										
-135.0										
-140.0										
-145.0										
-150.0										