NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 8.1080601	ID. B-3348	COUNTY HYDE	GEOLOGIST K.B. MILLER
SITE DESCRIPTION BRIDGE NO. 54 ON US 264 OVER KITTY CREEK			GROUND WATER
BORING NO. EB2-B	BORING LOCATION 23+85	OFFSET 18.0' RT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 1.1'	NORTHING 0.00	EASTING 0.00	24 HR. 0.5'
TOTAL DEPTH 88.2'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 2/12/03	COMPLETION DATE 2/12/03	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
1.1	0.0	WOH	WOH	WOH	1	X 0				
0.0										INTERLAYERED GRAY SANDY CLAY, SANDY SILT AND SILTY SAND WITH SOME ORGANICS AND SHELLS, WET
	4.3	1	1	2	1	X 3				
-5.0	6.7	4	4	4	1	X 8				
-10.0	11.7	4	8	6	1	X 14				
-15.0	16.7	WOH	WOH	WOH	1	X 0				
-20.0	21.7	9	11	20	1	X 31	SS-67			
-25.0	26.7	0	2	3	1	X 5				
-30.0	31.7	3	6	7	1	X 13				
-35.0	36.7	1	2	2	1	X 4				GRAY SILTY SAND WITH TRACE SHELLS, SAT.
-40.0	41.7	5	13	15	1	X 28	SS-68			
-45.0	46.7	7	7	9	1	X 16				
-50.0	51.7	4	6	6	1	X 12				
-55.0	56.7	6	10	7	1	X 17				
-60.0	61.7	4	7	7	1	X 14	SS-69			
-65.0	66.7	0	2	3	1	X 5				
-70.0	71.7	0	1	3	1	X 4	SS-70			GRAY SANDY SILT AND SILTY SAND WITH TRACE OF SHELL FRAGMENTS, WET TO SAT.

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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	76.7	7	12	15	1	X 27				GRAY SANDY SILT AND SILTY SAND WITH TRACE OF SHELL FRAGMENTS, WET TO SAT.
-80.0	81.7	11	8	10	1	X 18				
-85.0	86.7	14	14	20	1	X 34				
-90.0						BORING TERMINATED AT ELEV. -87.1 FEET IN HARD SANDY SILT				
-95.0										
-100.0										
-105.0										
-110.0										
-115.0										
-120.0										
-125.0										
-130.0										
-135.0										
-140.0										
-145.0										
-150.0										