NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 8.1080601	ID. B-3348	COUNTY HYDE	GEOLOGIST J.R. MCCRAY
SITE DESCRIPTION BRIDGE NO. 54 ON US 264 OVER KITTY CREEK			GROUND WATER
BORING NO. B2-A	BORING LOCATION 22+85	OFFSET 14.0' LT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 4.2'	NORTHING 0.00	EASTING 0.00	24 HR. 3.2'
TOTAL DEPTH 100.7'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 11/15/02	COMPLETION DATE 11/18/02	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
4.2										BROWN SILTY SAND WITH GRAVEL, WET (FILL)
0.0	4.2	WOH	WOH	WOH	1	0				
-5.0	9.2	1	1	4	1	5				
-10.0	14.2	0	3	2	1	5				INTERLAYERED GRAY SILTY/CLAYEY FINE SAND, FINE SANDY SILT AND FINE SANDY CLAY WITH SOME SHELL FRAGMENTS, MOI. TO SAT.
-15.0	19.2	WOH	WOH	WOH	1	0	SS-10			
-20.0	24.2	8	11	13	1	24	SS-11			
-25.0	29.2	WOH	WOH	2	1	2	SS-12			
-30.0	34.2	7	7	7	1	14				
-35.0	39.2	2	1	2	1	3				
-40.0	44.2	3	3	3	1	6				GRAY FINE TO COARSE SAND WITH SOME SHELL FRAGMENTS AND SANDY SILT LAYERS, WET TO SAT.
-45.0	49.2	0	6	7	1	13				
-50.0	54.2	3	3	2	1	5				
-55.0	59.2	5	6	5	1	11				
-60.0	64.2	2	5	5	1	10				
-65.0	69.2	3	3	4	1	7				GRAY FINE TO COARSE SAND AND SANDY SILT WITH SOME SHELL FRAGMENTS, WET TO SAT.
-70.0	74.2	2	5	7	1	12	SS-13			
	79.2	7	5	13	1	18				

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75.0										
-80.0	84.2	23	35	23	1	58	SS-14			GRAY FINE TO COARSE SAND AND SANDY SILT WITH SOME SHELL FRAGMENTS, WET TO SAT.
-85.0	89.2	8	7	16	1	23				
-90.0	94.2	10	100		0.8	100+				
-95.0	99.2	6	6	11	1	17				
-100.0						BORING TERMINATED AT ELEV. -96.5 FEET IN VERY STIFF SANDY SILT				
-105.0										
-110.0										
-115.0										
-120.0										
-125.0										
-130.0										
-135.0										
-140.0										
-145.0										
-150.0										