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. B3-A	BORING LOCATION 23+35	OFFSET 14.0' LT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 3.7'	NORTHING 0.00	EASTING 0.00		24 HR. 2.9'
TOTAL DEPTH 110.5'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC	
START DATE 11/19/02	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
3.7										
0.0	4.0	4	2	1	1	X 3	SS-15	▼		GRAY TO BROWN SILTY SAND, MOI. (FILL)
-5.0	9.0	WOH	WOH	WOH	1	X 0				INTERLAYERED GRAY SILTY CLAY, SANDY SILT AND FINE TO COARSE SAND WITH TRACE OF SHELL FRAGMENTS, WET TO SAT.
-10.0	14.0	7	3	3	1	X 6				
-15.0	19.0	WOH	WOH	WOH	1	X 0				
-20.0	24.0	4	8	6	1	X 14				
-25.0	29.0	WOH	WOH	WOH	1	X 0	SS-16			
-30.0	34.0	7	6	3	1	X 9				
-35.0	39.0	1	1	2	1	X 3				
-40.0	44.0	3	3	5	1	X 8	SS-17			
-45.0	49.0	4	6	10	1	X 16				GRAY FINE TO COARSE SAND WITH SHELL FRAGMENTS, SAT.
-50.0	54.0	5	3	6	1	X 9				
-55.0	59.0	6	6	5	1	X 11				
-60.0	64.0	5	5	4	1	X 9				
-65.0	69.0	0	1	2	1	X 3	SS-18			GRAY FINE SANDY SILT/CLAY AND FINE SAND WITH TRACE SHELL FRAGMENTS, WET TO SAT.
-70.0	74.0	2	3	3	1	X 6				

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75.0	79.0	3	15	15	1	X 31	SS-19			
-80.0	84.0	16	9	10	1	X 19				
-85.0	89.0	5	10	27	1	X 37	SS-20			
-90.0	94.0	10	15	14	1	X 29				GRAY FINE SANDY SILT/CLAY AND FINE SAND WITH TRACE SHELL FRAGMENTS, WET TO SAT.
-95.0	99.0	8	6	10	1	X 16				
-100.0	104.0	3	4	7	1	X 11				
-105.0	109.0	6	6	11	1	X 17				
-110.0						BORING TERMINATED AT ELEV. -106.8 FEET IN VERY STIFF SANDY CLAY				
-115.0										
-120.0										
-125.0										
-130.0										
-135.0										
-140.0										
-145.0										
-150.0										