

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

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-A	BORING LOCATION	23+85	OFFSET	14.0' LT.	ALIGNMENT	-L-	0 HR. N.M.						
COLLAR ELEVATION	3.5'	NORTHING	0.00	EASTING	0.00			24 HR. 2.7'						
TOTAL DEPTH	109.5'	DRILL MACHINE	CME-45B	DRILL METHOD	ROTARY W/MUD	HAMMER TYPE		AUTOMATIC						
START DATE	12/9/02	COMPLETION DATE	12/11/02	SURFACE WATER DEPTH										
ELEV.	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
3.5														
0.0	3.8	2	2	2	1	X4							BROWN SILTY SAND WITH GRAVEL, MOI.	
-5.0	8.0	WOH	WOH	WOH	1	X0					SS-28	37%		
-10.0	13.0	2	3	2	1	X5								
-15.0	18.0	WOH	WOH	WOH	1	X0					SS-29			
-20.0	23.0	3	4	5	1	X9								
-25.0	28.0	1	1	1	1	X2					SS-30			
-30.0	33.0	4	4	4	1	X8					SS-31			
-35.0	38.0	1	2	2	1	X4								
-40.0	43.0	4	5	5	1	X10					SS-32			
-45.0	48.0	6	9	8	1	X17							GRAY SILTY FINE TO COARSE SAND WITH SOME GRAVEL AND SHELL FRAGMENTS, SAT.	
-50.0	53.0	5	5	4	1	X9					SS-33			
-55.0	58.0	6	6	5	1	X11					SS-34			
-60.0	63.0	3	3	4	1	X7					SS-35			
-65.0	68.0	0	2	3	1	X5							GRAY FINE SANDY SILT/CLAY, SILTY CLAY AND SILTY FINE SAND, WET TO SAT.	
-70.0	73.0	2	2	2	1	X4					SS-36			
	78	7	8	17	1	X25								

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		0.5'	0.5'	0.5'		0	25	50	75	100				
75.0														
-80.0	83.0	4	4	3	1	X7					SS-37			
-85.0	88.0	16	24	26	1	X50					SS-38			
-90.0	93.0	6	12	20	1	X32								
-95.0	98.0	7	5	9	1	X14					SS-39			
-100.0	103.0	5	7	8	1	X15								
-105.0	108.0	10	12	13	1	X25					SS-40			
-110.0													BORING TERMINATED AT ELEV. -106.0 FEET IN VERY STIFF SANDY SILT	
-115.0														
-120.0														
-125.0														
-130.0														
-135.0														
-140.0														
-145.0														
-150.0														