

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.I080601	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. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
4.2														BROWN SILTY SAND WITH GRAVEL, WET (FILL)
0.0	4.2	WOH	WOH	WOH	1	X0								
-5.0	9.2	1	1	4	1	X5								
-10.0	14.2	Ø	3	2	1	X5								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	XØ								SS-10
-20.0	24.2	8	11	13	1					24				SS-11
-25.0	29.2	WOH	WOH	2	1	X2								SS-12
-30.0	34.2	7	7	7	1	X14								
-35.0	39.2	2	1	2	1	X3								
-40.0	44.2	3	3	3	1	X6								
-45.0	49.2	Ø	6	7	1	X13								
-50.0	54.2	3	3	2	1	X5								GRAY FINE TO COARSE SAND WITH SOME SHELL FRAGMENTS AND SANDY SILT LAYERS, WET TO SAT.
-55.0	59.2	5	6	5	1	X11								
-60.0	64.2	2	5	5	1	X10								
-65.0	69.2	3	3	4	1	X7								
-70.0	74.2	2	5	7	1	X12								SS-13
	79.2	7	5	13	1	X18								

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		0.5'	0.5'	0.5'		0	25	50	75	100				
75.0														
-80.0	84.2	23	35	23	1					X58				SS-14
-85.0	89.2	8	7	16	1	X23								GRAY FINE TO COARSE SAND AND SANDY SILT WITH SOME SHELL FRAGMENTS, WET TO SAT.
-90.0	94.2	10	100		0.8					100+				
-95.0	99.2	6	6	11	1	X17								
-100.0														
-105.0														
-110.0														
-115.0														
-120.0														
-125.0														
-130.0														
-135.0														
-140.0														
-145.0														
-150.0														

BORING TERMINATED AT
 ELEV. -96.5 FEET IN
 VERY STIFF SANDY SILT