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. BI-A	BORING LOCATION 22+35	OFFSET 13.0' LT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION -2.1'	NORTHING 0.00	EASTING 0.00		24 HR. N.M.
TOTAL DEPTH 93.4'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC	
START DATE 11/14/02	COMPLETION DATE 11/14/02	SURFACE WATER DEPTH 2.9'		

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
-2.1	0.0	WOH	WOH	WOH	1	0				VERY SOFT BLACK MUCK, SAT.
-5.0	1.9	WOH	WOH	WOH	1	0	SS-1	31%		INTERLAYERD GRAY SILTY/CLAYEY SAND, SANDY SILT AND SANDY CLAY, SAT.
-10.0	7.5	3	2	2	1	4				
-15.0	11.9	WOH	WOH	1	1	1	SS-2			
-20.0	16.9	WOH	WOH	6	1	6	SS-3			
-25.0	21.9	1	1	1	1	2	SS-4			
-30.0	26.9	3	2	3	1	5	SS-5			GRAY FINE SAND AND SILTY SAND, SAT.
-35.0	31.9	1	1	2	1	3				
-40.0	36.9	2	3	4	1	7				
-45.0	41.9	3	4	6	1	10	SS-6			
-50.0	46.9	3	4	4	1	8				
-55.0	51.9	9	11	12	1	23				
-60.0	56.9	6	7	9	1	16	SS-7			
-65.0	61.9	1	1	5	1	6	SS-8			GRAY FINE SAND, SILTY SAND, AND SANDY SILT, WET TO SAT.
-70.0	66.9	3	5	6	1	11				
-75.0	71.9	11	12	31	1	43	SS-9			
	76.9	20	27	13	1	40				

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START DATE 11/14/02	COMPLETION DATE 11/14/02	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
-80.0										
-85.0	81.9	19	100		0.8	100+				GRAY FINE SAND, SILTY SAND, AND SANDY SILT, WET TO SAT.
-90.0	86.9	100			0.5	100+				
-95.0	91.9	31	15	29	1	44				
-100.0						BORING TERMINATED AT ELEV. -95.5 FEET IN DENSE SILTY FINE SAND				
-105.0										
-110.0										
-115.0										
-120.0										
-125.0										
-130.0										
-135.0										
-140.0										
-145.0										
-150.0										
-155.0										