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. 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 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
3.5										
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			GRAY SILTY FINE TO COARSE SAND WITH SOME GRAVEL AND SHELL FRAGMENTS, SAT.
-45.0	48.0	6	9	8	1	X17				
-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				

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. 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. N.M.
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 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
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										