NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33394.1.1	**ID.** B-4027	**COUNTY** BERTIE	**GEOLOGIST** K.B. QUICK
SITE DESCRIPTION BRIDGE NO. 11 ON SR 1219 OVER CASHIE RIVER			**GROUND WATER**
BORING NO. BI-A	**BORING LOCATION** 18+00	**OFFSET** 6.5' LT	**ALIGNMENT** -L-
COLLAR ELEVATION 39.9'	**NORTHING** 0.00	**EASTING** 0.00	**0 HR.** N/A
			24 HR. N/A
TOTAL DEPTH 83.0'	**DRILL MACHINE** CME-45B	**DRILL METHOD** ROTARY W/MUD	**HAMMER TYPE** AUTOMATIC
START DATE 3/10/05	**COMPLETION DATE** 3/10/05	**SURFACE WATER DEPTH** 1.1'	**DEPTH TO ROCK** N/A

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
39.9	0.0	3	5	8	1	13				BROWN FINE TO COARSE SAND, SAT. (ALLUVIUM)
	2.2	4	4	5	1	9				
35.0	7.2	9	10	12	1	22	SS-33			
30.0	11.5	WOH	WOH	WOH	1	WOH	SS-34			GRAY SILTY CLAY, WET (YORKTOWN FORMATION)
25.0	16.5	WOH	WOH	WOH	1	WOH				
20.0	21.5	5	5	7	1	12	SS-35			GRAY FINE TO COARSE SAND AND FINE SANDY SILT SAT.
15.0	26.5	WOH	WOH	WOH	1	WOH	SS-36			
10.0	31.5	2	2	3	1	5				
5.0	36.5	3	2	3	1	5				
0.0	41.5	7	11	12	1	23	SS-37			
-5.0	46.5	3	3	3	1	6	SS-38			
-10.0	51.5	3	4	5	1	9				
-15.0	56.5	7	7	35	1	42				
-20.0	61.5	9	16	18	1	34	SS-39			GRAY SANDY SILTY CLAY, WET (CAPE FEAR FORMATION)
-25.0	66.5	11	15	16	1	31	SS-40			
-30.0	71.5	13	20	25	1	45				
-35.0	76.5	12	18	25	1	43				
-40.0	81.5	13	20	26	1	46	SS-41			

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SHEET 7

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			24 HR. N/A
TOTAL DEPTH 83.0'	**DRILL MACHINE** CME-45B	**DRILL METHOD** ROTARY W/MUD	**HAMMER TYPE** AUTOMATIC
START DATE 3/10/05	**COMPLETION DATE** 3/10/05	**SURFACE WATER DEPTH** 1.1'	**DEPTH TO ROCK** N/A

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
42.0										GRAY SANDY SILTY CLAY, WET
-47.0						BORING TERMINATED AT ELEVATION -43.1' IN HARD SANDY CLAY.				
-52.0										
-57.0										
-62.0										
-67.0										
-72.0										
-77.0										
-82.0										
-87.0										
-92.0										
-97.0										
-102.0										
-107.0										
-112.0										
-117.0										
-122.0										