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. B2-B	**BORING LOCATION** 18+50	**OFFSET** 5' RT	**ALIGNMENT** **0 HR.** N/A
COLLAR ELEVATION 36.2'	**NORTHING** 0.00	**EASTING** 0.00	**24 HR.** N/A
TOTAL DEPTH 84.3'	**DRILL MACHINE** CME-45B	**DRILL METHOD** ROTARY W/MUD	**HAMMER TYPE** AUTOMATIC
START DATE 3/9/05	**COMPLETION DATE** 3/9/05	**SURFACE WATER DEPTH** 4.7'	**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
36.2										
35.0	0.0	WOH	WOH	WOH	1	X WOH				
	3.5	2	2	2	1	X 4	SS-23			BROWN FINE TO COARSE SAND, SAT. (ALLUVIUM)
30.0	7.8	WOH	WOH	WOH	1	X WOH	SS-24			GRAY SILTY CLAY, WET (YORKTOWN FORMATION)
25.0	12.8	WOH	WOH	WOH	1	X WOH				
20.0	17.8	5	5	6	1	X 11	SS-25			GRAY FINE SAND, SAT.
15.0	22.8	WOH	WOH	WOH	1	X WOH	SS-26			
10.0	27.8	2	2	3	1	X 5				
5.0	32.8	2	2	3	1	X 5				
0.0	37.8	6	6	9	1	X 15	SS-27			
-5.0	42.8	3	3	3	1	X 6				
-10.0	47.8	2	3	4	1	X 7				
-15.0	52.8	3	10	15	1	X 25	SS-28			GRAY SILTY SANDY CLAY, WET
-20.0	57.8	12	20	22	1	X 42	SS-29			GRAY FINE TO COARSE SAND, SAT.
-25.0	62.8	12	13	19	1	X 32	SS-30			GRAY SANDY CLAYEY SILT, WET (CAPE FEAR FORMATION)
-30.0	67.8	9	16	30	1	X 46				
-35.0	72.8	15	21	24	1	X 45				
-40.0	77.8	18	22	24	1	X 46	SS-31			GRAY SLIGHTLY CLAYEY SAND, SAT.

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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										
-47.0	82.8	8	11	12	1	X 23	SS-32			GRAY SLIGHTLY CLAYEY SAND, SAT.
-52.0						BORING TERMINATED AT ELEVATION -48.1' IN MEDIUM DENSE SLIGHTLY CLAYEY SAND.				
-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										