NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 33341.1.1	ID. B-3906	COUNTY SAMPSON	GEOLOGIST J. L. STONE
SITE DESCRIPTION BRIDGE NO. 35 ON NC 403 OVER SIX RUNS CREEK OVERFLOW			GROUND WATER
BORING NO. EBI-B	BORING LOCATION 21+70	OFFSET 18.0' RT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 110.4'	NORTHING	EASTING	24 HR. ARTESIAN
TOTAL DEPTH 70.0'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 2/2/04	COMPLETION DATE 2/3/04	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
110.4	0.0	1	2	2	1	4				
	3.9	1	1	1	1	2				TAN BROWN FINE TO COARSE SAND, SAT. (FILL)
105.0	8.5	4	3	3	1	6	SS-1			GRAY FINE SAND, SAT. (ALLUVIUM)
100.0	13.5	2	4	4	1	8				
95.0	18.5	5	6	7	1	13	SS-2			DARK GRAY TO GREEN SILTY SANDY CLAY WITH LIGNITE, WET (BLACK CREEK FORMATION)
90.0	23.5	4	6	9	1	15				
	28.5	3	7	8	1	15				
80.0	33.5	4	5	7	1	12	SS-3			
75.0	38.5	WOH	2	4	1	6	SS-4			
70.0	43.5	6	16	20	1	36				DARK GRAY TO GREEN FINE TO COARSE SAND WITH LIGNITE, SAT.
65.0	48.5	9	13	19	1	32				
60.0	53.5	8	15	19	1	34	SS-5			
55.0	58.5	6	8	14	1	22				
50.0	63.5	12	17	26	1	43	SS-6			
45.0	68.5	9	18	18	1	36				
40.0										

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						BORING TERMINATED AT ELEV. 40.4 FEET IN DENSE FINE TO COARSE SAND				