

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 33341.I.I		ID. B-3906		COUNTY SAMPSON		GEOLOGIST F. M. WESCOTT								
DESCRIPTION BRIDGE NO. 44 ON NC 403 OVER SIX RUNS CREEK							GROUND WATER							
BORING NO. EBI-B		BORING LOCATION 28+00		OFFSET 17.0' RT.	ALIGNMENT -L-		0 HR. N.M.							
COLLAR ELEVATION 111.2'		NORTHING		EASTING		24 HR. ARTESIAN								
TOTAL DEPTH 64.7'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 2/9/04		COMPLETION DATE 2/9/04		SURFACE WATER DEPTH										
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
111.2	0.0	2	3	2	1									
110.0	3.9	1	1	1	1									SS-18 TAN BROWN FINE TO COARSE SAND, SAT. (FILL)
105.0	8.2	2	3	7	1									GRAY FINE TO COARSE SAND, SAT. (ALLUVIUM)
100.0	13.2	5	5	8	1									SS-19
95.0	18.2	3	3	3	1									SS-20
90.0	23.2	3	4	6	1									
85.0	28.2	4	7	13	1									
80.0	33.2	3	6	12	1									SS-21 DARK GRAY TO GREEN FINE TO COARSE SAND WITH LIGNITE, SAT. (BLACK CREEK FORMATION)
75.0	38.2	5	17	23	1									
70.0	43.2	15	26	30	1									
65.0	48.2	11	24	33	1									SS-22
60.0	53.2	31	40	32	1									
55.0	58.2	12	25	34	1									
50.0	63.2	10	11	22	1									SS-23
BORING TERMINATED AT ELEV. 46.5 FEET IN DENSE FINE TO COARSE SAND														

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SHEET 1 OF 1

PROJECT NO. 33341.I.I		ID. B-3906		COUNTY SAMPSON		GEOLOGIST J. L. STONE								
SITE DESCRIPTION BRIDGE NO. 44 ON NC 403 OVER SIX RUNS CREEK							GROUND WATER							
BORING NO. BI-A		BORING LOCATION 28+35		OFFSET 6.0' LT.	ALIGNMENT -L-		0 HR. N.M.							
COLLAR ELEVATION 97.5'		NORTHING		EASTING		24 HR. N.M.								
TOTAL DEPTH 61.0'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 2/10/04		COMPLETION DATE 2/10/04		SURFACE WATER DEPTH 10.0'										
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
97.5	0.0	2	2	2	1									
95.0	4.9	3	3	5	1									SS-24 GRAY FINE SAND, SAT (ALLUVIUM)
90.0	9.5	1	3	4	1									
85.0	14.5	5	9	13	1									SS-25
80.0	19.5	3	9	14	1									
75.0	24.5	2	13	18	1									
70.0	29.5	8	16	25	1									
65.0	34.5	9	31	33	1									SS-26 DARK GRAY TO GREEN FINE TO COARSE SAND WITH LIGNITE, SAT. (BLACK CREEK FORMATION)
60.0	39.5	12	26	30	1									
55.0	44.5	16	41	52	1									SS-27
50.0	49.5	15	31	29	1									
45.0	54.5	12	27	37	1									
40.0	59.5	19	19	24	1									SS-28
BORING TERMINATED AT ELEV. 36.5 FEET IN DENSE FINE TO COARSE SAND														