

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

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PROJECT NO. 33341.11		ID. B-3906		COUNTY SAMPSON		GEOLOGIST J. L. STONE							
DESCRIPTION BRIDGE NO. 44 ON NC 403 OVER SIX RUNS CREEK							GROUND WATER						
BORING NO. B2-B		BORING LOCATION 28+70		OFFSET 7.0' RT.		ALIGNMENT -L-							
COLLAR ELEVATION 100.5'		NORTHING		EASTING		0 HR. N.M.							
TOTAL DEPTH 59.0'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC							
START DATE 2/11/04		COMPLETION DATE 2/11/04		SURFACE WATER DEPTH 7.0'									
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
100.5	0.0	WOH	WOH	3	1	X3						SS-29	GRAY FINE TO COARSE SAND, SAT. (ALLUVIUM)
95.0	4.9	2	4	4	1	X8							DARK GRAY TO GREEN FINE TO COARSE SAND, SAT. (BLACK CREEK FORMATION)
90.0	12.5	2	4	6	1	X10						SS-30	DARK GRAY TO GREEN FINE SANDY CLAY, WET
85.0	17.5	5	9	10	1	X19							DARK GRAY TO GREEN FINE TO COARSE SAND WITH LIGNITE, SAT.
80.0	22.5	3	9	13	1	X22							
75.0	27.5	13	18	24	1	X42						SS-31	
70.0	32.5	9	17	26	1	X43							
65.0	37.5	13	22	34	1	X56							
60.0	42.5	14	21	34	1	X55						SS-32	
55.0	47.5	12	21	37	1	X58							
50.0	52.5	10	20	29	1	X49							
45.0	57.5	10	17	26	1	X43						SS-33	
BORING TERMINATED AT ELEV. 41.5 FEET IN DENSE FINE TO COARSE SAND													

PROJECT NO. 33341.11		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. EB2-A		BORING LOCATION 28+97		OFFSET 20.0' LT.		ALIGNMENT -L-							
COLLAR ELEVATION 111.3'		NORTHING		EASTING		0 HR. N.M.							
TOTAL DEPTH 59.7'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC							
START DATE 12/2/03		COMPLETION DATE 12/2/03		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
111.3	0.0	WOH	2	3	1	X5							TAN BROWN FINE TO COARSE SAND, SAT. (FILL)
110.0	4.0	1	0	1	1	X1						SS-34	
105.0	8.2	WOH	2	4	1	X6							GRAY FINE TO COARSE SAND, SAT. (ALLUVIUM)
100.0	13.2	4	6	4	1	X10						SS-35	
95.0	18.2	3	5	7	1	X12						SS-36	DARK GRAY TO GREEN FINE TO COARSE SAND WITH LIGNITE, SAT. (BLACK CREEK FORMATION)
90.0	23.2	4	5	6	1	X11							
85.0	28.2	5	10	10	1	X20						SS-37	
80.0	33.2	3	6	7	1	X13							
75.0	38.2	7	19	38	1	X57							
70.0	43.2	7	12	16	1	X28							
65.0	48.2	7	13	20	1	X33							
60.0	53.2	14	14	21	1	X35							
55.0	58.2	14	32	34	1	X66						SS-38	
BORING TERMINATED AT ELEV. 51.6 FEET IN VERY DENSE FINE TO COARSE SAND													