

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.1331701		ID. B-3711		COUNTY WAYNE		GEOLOGIST K.B. QUICK								
SITE DESCRIPTION BRIDGE NO. 42 ON NC III OVER NEUSE RIVER OVERFLOW							GROUND WATER							
BORING NO. B2-B		BORING LOCATION 18+78		OFFSET 20.0' RT.		ALIGNMENT -L-								
COLLAR ELEVATION 53.7'		NORTHING 0.00		EASTING 0.00		0 HR. N.M. 24 HR. 2.5'								
TOTAL DEPTH 64.4'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 9/25/03		COMPLETION DATE 9/25/03		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				
53.7	0.0	1	1	2	1	X3								BROWN TAN FINE TO COARSE SAND, MOI. TO SAT. (ALLUVIUM)
50.0	4.0	WOH	WOH	2	1	X2								GRAY SANDY CLAY, WET
45.0	7.9	2	2	3	1	X5								TAN GRAY SILTY FINE TO COARSE SAND, SAT.
40.0	12.9	5	7	9	1	X16								
35.0	17.9	1	2	2	1	X4								SS-37
30.0	22.9	4	5	9	1	X14								SS-38
25.0	27.9	5	5	10	1	X15								
20.0	32.9	15	18	19	1	X37								
15.0	37.9	12	14	22	1	X36								
10.0	42.9	12	23	23	1	X46								SS-39
5.0	47.9	18	18	28	1	X46								
0.0	52.9	12	22	24	1	X46								
-5.0	57.9	25	35	35	1	X70								
-10.0	62.9	25	26	34	1	X60								SS-40
BORING TERMINATED AT ELEV. -10.7' IN VERY DENSE FINE TO COARSE SAND														

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SHEET 1 OF 1

PROJECT NO. 8.1331701		ID. B-3711		COUNTY WAYNE		GEOLOGIST K.B. MILLER								
SITE DESCRIPTION BRIDGE NO. 42 ON NC III OVER NEUSE RIVER OVERFLOW							GROUND WATER							
BORING NO. EB2-A		BORING LOCATION 19+18		OFFSET 18.0' LT.		ALIGNMENT -L-								
COLLAR ELEVATION 63.0'		NORTHING 0.00		EASTING 0.00		0 HR. N.M. 24 HR. 10.1'								
TOTAL DEPTH 64.2'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 9/22/03		COMPLETION DATE 9/22/03		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				
63.0	0.0	2	3	4	1	X7								
60.0	3.9	2	2	1	1	X3								
55.0	7.7	WOH	1	2	1	X3								SS-22
50.0	12.7	WOH	WOH	3	1	X3								SS-23
45.0	17.7	3	4	5	1	X9								SS-24
40.0	22.7	8	9	9	1	X18								SS-25
35.0	27.7	2	6	4	1	X10								
30.0	32.7	5	7	12	1	X19								SS-26
25.0	37.7	9	13	19	1	X32								
20.0	42.7	6	35	33	1	X68								SS-27
15.0	47.7	10	15	21	1	X36								
10.0	52.7	13	25	27	1	X52								SS-28
5.0	57.7	13	22	29	1	X51								
0.0	62.7	27	36	36	1	X72								SS-29
BORING TERMINATED AT ELEV. -1.2' IN VERY DENSE FINE TO COARSE SAND														