

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO.	8.1331801	ID.	B-4320	COUNTY	WAYNE/DUPLIN	GEOLOGIST	M.M. HAGER							
SITE DESCRIPTION							BRIDGE NO. 24 ON NC 403 OVER NORTHEAST CAPE FEAR RIVER							
BORING NO.	B2-B	BORING LOCATION	16+66	OFFSET	6.0' RT.	ALIGNMENT	-L-							
COLLAR ELEVATION	100.7'	NORTHING	0.00	EASTING	0.00	GROUND WATER								
TOTAL DEPTH		DRILL MACHINE		DRILL METHOD		HAMMER TYPE								
79.0'		CME-45C		ROTARY W/MUD		AUTOMATIC								
START DATE		COMPLETION DATE		SURFACE WATER DEPTH										
4/16/03		4/16/03		5.1'										
ELEV.	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75					100
100.7	0.0	1	0	1	1	X1								
	3.8	WOH	WOH	WOH	1	X0							BROWN FINE TO COARSE SAND WITH WOOD, SAT. (ALLUVIUM)	
95.0	7.5	3	4	4	1	X8							SS-28	
	12.5	4	5	17	1	X22							TAN FINE TO COARSE SAND, SAT. (MIDDENDORF FORMATION)	
85.0	17.5	3	6	10	1	X16							SS-29	
	22.5	6	9	15	1	X24							SS-30	
75.0	27.5	4	8	11	1	X19							GRAY MICACEOUS FINE TO COARSE SAND WITH LIGNITE, SAT. (BLACK CREEK FORMATION)	
	32.5	3	5	8	1	X13								SS-31
65.0	37.5	10	4	4	1	X8								SS-32
60.0	42.5	2	3	4	1	X7								
55.0	47.5	1	3	3	1	X6								
50.0	52.5	1	1	1	1	X2							SS-33	
45.0	57.5	4	12	39	1	X51							SS-34	
40.0	62.5	14	17	35	1	X52								
35.0	67.5	25	53	47	0.7								SS-35	
30.0	72.5	17	31	37	1	X68								

(8)

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4/16/03		4/16/03		5.1'										
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		0.5'	0.5'	0.5'		0	25	50	75					100
	77.5	20	39	43	1	X82							SS-36	GRAY MICACEOUS FINE TO COARSE SAND WITH LIGNITE, SAT. (BLACK CREEK FORMATION)
BORING TERMINATED AT ELEV. 21.7' IN VERY DENSE SAND														