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			**GROUND WATER**
BORING NO. BI-A	**BORING LOCATION** 16+28	**OFFSET** 6.0' LT.	**ALIGNMENT** -L-	**0 HR.** N.M.
COLLAR ELEVATION 101.7'	**NORTHING** 0.00	**EASTING** 0.00	**24 HR.** N.M.
TOTAL DEPTH 80.0'	**DRILL MACHINE** CME-45C	**DRILL METHOD** ROTARY W/MUD	**HAMMER TYPE** AUTOMATIC
START DATE 4/3/03	**COMPLETION DATE** 4/3/03	**SURFACE WATER DEPTH** 4.0'	

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
101.7		WOH	WOH	WOH	4	1 X 0				
100.0	4.8	4	4	3	1	X 7	SS-12			BROWN FINE TO COARSE SAND WITH WOOD, SAT. (ALLUVIUM)
95.0	8.5	9	11	5	1	X 16				TAN FINE TO COARSE SAND, SAT. (MIDDENDORF FORMATION)
90.0	13.5	5	8	13	1	X 21	SS-13			
85.0	18.5	6	11	14	1	X 25				
80.0	23.5	6	10	12	1	X 22	SS-14			
75.0	28.5	4	7	7	1	X 14	SS-15			GRAY MICACEOUS FINE TO COARSE SAND WITH LIGNITE, SAT. (BLACK CREEK FORMATION)
70.0	33.5	5	6	9	1	X 15				
65.0	38.5	8	11	11	1	X 22	SS-16			
60.0	43.5	3	4	5	1	X 9				
55.0	48.5	1	4	5	1	X 9				
50.0	53.5	2	3	9	1	X 12	SS-17			
45.0	58.5	5	12	16	1	X 28				
40.0	63.5	16	34	44	1	X 78	SS-18			
35.0	68.5	32	45	23	1	X 68				
30.0	73.5	11	16	23	1	X 39	SS-19			

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START DATE 4/3/03	**COMPLETION DATE** 4/3/03	**SURFACE WATER DEPTH** 4.0'	

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
	78.5	12	12	13	1	X 25				GRAY MICACEOUS FINE TO COARSE SAND WITH LIGNITE, SAT. (BLACK CREEK FORMATION)
						BORING TERMINATED AT ELEV. 21.7' IN MEDIUM DENSE SAND				