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. EB2-A	BORING LOCATION 17+14	OFFSET 15.0' LT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 110.3'	NORTHING 0.00	EASTING 0.00	24 HR. ART.
TOTAL DEPTH 73.9'	DRILL MACHINE CME-45C	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 4/15/03	COMPLETION DATE 4/16/03	SURFACE WATER DEPTH	

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
110.3	0.0	1	3	3	1	6				
	3.9	3	2	2	1	4	SS-20			TAN BROWN FINE TO COARSE SAND, MOI. TO SAT. (FILL)
105.0	7.5	WOH	WOH	WOH	1	0				BLACK SILTY FINE TO COARSE ORGANIC SAND, SAT. (ALLUVIUM)
100.0	12.5	3	8	9	1	17	SS-21			TAN FINE TO COARSE SAND, SAT.
95.0	17.5	8	21	10	1	31	SS-22			
90.0	22.5	2	7	19	1	26				GRAY MICACEOUS FINE TO COARSE SAND WITH LIGNITE, SAT. (BLACK CREEK FORMATION)
85.0	27.5	5	13	17	1	30	SS-23			
80.0	32.5	7	14	15	1	29				
75.0	37.5	6	8	12	1	20	SS-24			
70.0	42.5	3	7	10	1	17				
65.0	47.5	6	13	15	1	28	SS-25			
60.0	52.5	2	3	4	1	7				
55.0	57.5	WOR	WOR	WOR	1	0	SS-26			
50.0	62.5	WOR	WOR	2	1	2				
45.0	67.5	20	27	31	1	58	SS-27			
40.0	72.5	28	58	42	0.9	100+				

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						BORING TERMINATED AT ELEV. 36.4' IN VERY DENSE SAND				