NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.1080601	ID. B-3348	COUNTY HYDE	GEOLOGIST K.B. MILLER
SITE DESCRIPTION BRIDGE NO. 52 ON US 264 OVER WALLACE CANAL			GROUND WATER
BORING NO. EBI-A	BORING LOCATION 18+10	OFFSET 12.0' LT.	ALIGNMENT -L-	0 HR. -L-
COLLAR ELEVATION 4.6'	NORTHING 0.00	EASTING 0.00	24 HR. 4.0'
TOTAL DEPTH 109.6'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 11/21/02	COMPLETION DATE 11/21/02	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
4.6	0.0	WOH	WOH	WOH	1	X 0				ASPHALT
	3.5	1	2	3	1	X 5				BROWN SILTY SAND, MOI. (FILL)
0.0										BLACK MUCK, SAT.
	8.5	1	2	7	1	X 9	SS-1			
-5.0										
	13.5	WOH	WOH	WOH	1	X 0				
-10.0										
	18.5	WOH	WOH	WOH	1	X 0				GRAY FINE SANDY SILT WITH FINE SAND LAYER, WET TO SAT.
-15.0										
	23.5	1	1	2	1	X 3	SS-2			
-20.0										
	28.5	1	1	1	1	X 2	SS-3			
-25.0										
	33.5	4	5	4	1	X 9	SS-4			
-30.0										
	38.5	2	2	1	1	X 3				
-35.0										
	43.5	3	2	4	1	X 6				
-40.0										
	48.5	4	4	6	1	X 10	SS-5			GRAY FINE TO COARSE SAND WITH SHELL LAYERS, SAT.
-45.0										
	53.5	3	2	2	1	X 4	SS-6			
-50.0										
	58.5	4	6	8	1	X 14				
-55.0										
	63.5	3	3	3	1	X 6				
-60.0										
	68.5	3	2	5	1	X 7	SS-7			
-65.0										
	73.5	1	2	3	1	X 5				GRAY FINE SANDY SILT AND FINE SANDY CLAY WITH SOME SHELL FRAGMENTS, WET
-70.0										
	78.1	2	4	4	1	X 8				

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SITE DESCRIPTION BRIDGE NO. 52 ON US 264 OVER WALLACE CANAL			GROUND WATER
BORING NO. EBI-A	BORING LOCATION 18+10	OFFSET 12.0' LT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 4.6'	NORTHING 0.00	EASTING 0.00	24 HR. 4.0'
TOTAL DEPTH 109.6'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 11/21/02	COMPLETION DATE 11/21/02	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
75.0										
	83.1	9	10	18	1	X 28	SS-8			
-80.0										
	88.1	11	14	16	1	X 30				GRAY FINE SANDY SILT AND FINE SANDY CLAY WITH SOME SHELL FRAGMENTS, WET
-85.0										
	93.1	6	15	13	1	X 28				
-90.0										
	98.1	8	11	14	1	X 25				
-95.0										
	103.1	2	3	4	1	X 7	SS-9			
-100.0										
	108.1	2	6	12	1	X 18				
-105.0										BORING TERMINATED AT ELEV. -105 FEET IN VERY STIFF SANDY CLAY
-110.0										
-115.0										
-120.0										
-125.0										
-130.0										
-135.0										
-140.0										
-145.0										
-150.0										