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				

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 2 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. 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										
-110.0						BORING TERMINATED AT ELEV. -105 FEET IN VERY STIFF SANDY CLAY				
-115.0										
-120.0										
-125.0										
-130.0										
-135.0										
-140.0										
-145.0										
-150.0										