NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

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-B	BORING LOCATION 17+98	OFFSET 20.0' RT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 3.9'	NORTHING 0.00	EASTING 0.00	24 HR. 4.9'
TOTAL DEPTH 104.8'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 12/12/02	COMPLETION DATE 12/12/02	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
3.9	0.0	2	2	3	1	X5				
-0.0	4.2	3	2	3	1	X5				BROWN SILTY SAND WITH GRAVEL, WET (FILL)
										DARK BROWN MUCK, WET
-5.0	8.3	WOH	WOH	WOH	1	X0				
-10.0	13.3	WOH	WOH	WOH	1	X0	SS-13			
-15.0	18.3	WOH	WOH	WOH	1	X0				GRAY SILTY FINE SAND WITH SILT AND CLAY LAYERS, SAT.
-20.0	23.3	2	3	5	1	X8				
-25.0	28.3	WOH	WOH	WOH	1	X0	SS-14			
-30.0	33.3	5	4	4	1	X8	SS-15			
-35.0	38.3	2	2	1	1	X3				
-40.0	43.3	3	4	5	1	X9				
-45.0	48.3	3	4	4	1	X8	SS-16			GRAY FINE TO MEDIUM SAND AND SILTY SAND WITH SOME SHELL FRAGMENTS, SAT.
-50.0	53.3	2	2	2	1	X4				
-55.0	58.3	4	5	5	1	X10				
-60.0	63.3	3	5	5	1	X10				
-65.0	68.3	0	3	3	1	X6	SS-17			GRAY FINE SANDY SILT AND FINE SANDY CLAY WITH SOME SHELL AND SAND LAYERS, WET TO SAT.
-70.0	73.3	1	3	3	1	X6				
	78.3	3	4	11	1	X15				

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75.0										
-80.0	83.3	10	17	23	1	X40	SS-18			
-85.0	88.3	11	8	12	1	X20				
-90.0	93.3	7	14	19	1	X33				GRAY FINE SANDY SILT AND FINE SANDY CLAY WITH SOME SHELL AND SAND LAYERS, WET TO SAT.
-95.0	98.3	6	11	9	1	X20	SS-19			
-100.0	103.	2	4	5	1	X9				
-105.0						BORING TERMINATED AT ELEV. -100.9 FEET IN STIFF FINE SANDY CLAY				
-110.0										
-115.0										
-120.0										
-125.0										
-130.0										
-135.0										
-140.0										
-145.0										
-150.0										