NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.2090201	ID. B-3871	COUNTY MARTIN	GEOLOGIST K.B. MILLER
SITE DESCRIPTION BRIDGE NO. 64 ON SR 1001 OVER DOG BRANCH			GROUND WATER
BORING NO. EBI-A	BORING LOCATION 16+19	OFFSET 20.0' LT	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 39.8'	NORTHING 0.00	EASTING 0.00	24 HR. 3.7
TOTAL DEPTH 94.5'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 4/11/03	COMPLETION DATE 4/14/03	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
39.8	0.0	1	3	4	0.5	7	SS-1			TAN SILTY SAND, MOI. (FILL)
35.0	4.1	WOH	WOH	1	1	1		▼		GRAY TO BROWN FINE SAND AND SANDY SILT, WET TO SAT. (ALLUVIUM)
	8.0	WOH	2	3	1	5	SS-2			
30.0	13.0	2	9	14	1	23	SS-3			GRAY FINE SAND AND SILTY SAND, SAT. (YORKTOWN FORMATION)
25.0	18.0	2	4	4	1	8	SS-4			
20.0	23.0	6	11	15	1	26	SS-5			
15.0	28.0	7	31	33	1	64	SS-6			
10.0	33.0	4	8	8	1	16	SS-7			GRAY SILTY CLAY WITH SOME SHELLS AND CLAYEY SAND LAYERS, WET
5.0	38.0	3	9	16	1	25				
0.0	43.0	2	3	5	1	8	SS-8			
-5.0	48.0	2	4	4	1	8				
-10.0	53.0	2	3	4	1	7	SS-9			
-15.0	58.0	4	4	9	1	13				
-20.0	63.0	WOH	22	42	1	64	SS-10			
-25.0	68.0	WOH	4	5	1	9				
-30.0	73.0	1	6	14	1	20	SS-11			
-35.0	78.0	3	5	12	1	17				

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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
40.0	83.0	1	5	4	1	9				GRAY SILTY CLAY WITH SOME SHELLS AND CLAYEY SAND LAYERS, WET
-45.0	88.0	2	6	6	1	12	SS-12			
-50.0	93.0	35	20	53	1	73	SS-13			DARK GRAY SILTY PHOSPHATIC SAND WITH TRACE OF SHELL FRAGMENTS, SAT. (PUNGO RIVER FORMATION)
-55.0						BORING TERMINATED AT ELEV. -54.7' IN VERY DENSE SILTY SAND (PUNGO RIVER FORMATION)				
-60.0										
-65.0										
-70.0										
-75.0										
-80.0										
-85.0										
-90.0										
-95.0										
-100.0										
-105.0										
-110.0										
-115.0										