

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.2090201		ID. B-3871		COUNTY MARTIN		GEOLOGIST M.M. HAGER								
SITE DESCRIPTION BRIDGE NO. 64 ON SR 1001 OVER DOG BRANCH							GROUND WATER							
BORING NO. B2-XB		BORING LOCATION 16+90		OFFSET 15.0' RT.		ALIGNMENT -L-								
COLLAR ELEVATION 40.7'		NORTHING 0.00		EASTING 0.00		24 HR. 4.3'								
TOTAL DEPTH 129.9'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 4/25/03		COMPLETION DATE 4/30/03		SURFACE WATER DEPTH										
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
40.7	0.0	3	5	6	1									
	3.9	2	WOH	WOH	1							SS-42		TAN SILTY SAND WITH GRAVEL, MOI. (FILL)
35.0	8.4	1	WOH	1	1									TAN SILTY SAND, WET TO SAT. (ALLUVIUM)
30.0	13.4	2	3	2	1							SS-43		GRAY SANDY CLAY, WET (YORKTOWN FORMATION)
25.0	18.4	3	4	4	1									GRAY SILTY SAND, SAT.
20.0	23.4	3	5	5	1							SS-44		
15.0	28.4	5	7	7	1									
10.0	33.4	4	4	4	1									
5.0	38.4	3	4	5	1									
0.0	43.4	2	2	4	1									GRAY SILTY CLAY WITH SHELL FRAGMENTS, WET (YORKTOWN FORMATION)
-5.0	48.4	1	2	2	1									
-10.0	53.4	2	4	5	1									
-15.0	58.4	WOH	2	2	1									
-20.0	63.4	WOH	WOH	6	1									
-25.0	68.4	WOH	WOH	4	1							SS-45		
-30.0	73.4	WOH	2	4	1									

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ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
35.0	78.4	1	3	7	1									
-40.0	83.4	WOH	Ø	5	1									GRAY SILTY CLAY WITH SHELL FRAGMENTS, WET (YORKTOWN FORMATION)
-45.0	88.4	1	WOH	5	1									
-50.0	93.4	5	7	9	1							SS-46		
-55.0	98.4	43	38	44	1									DARK GRAY SILTY PHOSPHATIC SAND WITH SOME SHELL FRAGMENTS, SAT. (PUNGO RIVER FORMATION)
-60.0	103.	15	27	40	1									
-65.0	108.	35	55	45	0.2									
-70.0	113.	20	52	48	0.3									
-75.0	118.	1	6	8	1							SS-47		
-80.0	123.	5	6	8	1									DARK GRAY SILTY AND SANDY CLAY, WET
-85.0	128.	2	4	6	1							SS-48		
-90.0														
-95.0														
-100.0														
-105.0														
-110.0														

BORING TERMINATED AT  
ELEV. -89.2' IN STIFF  
SANDY CLAY (PUNGO  
RIVER FORMATION)