

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. EBI-B		BORING LOCATION 16+20		OFFSET 17.0' RT.		ALIGNMENT -L-							
COLLAR ELEVATION 40.3'		NORTHING 0.00		EASTING 0.00		24 HR. 4.2'							
TOTAL DEPTH 110.0'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC							
START DATE 4/22/03		COMPLETION DATE 4/24/03		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
40.3	0.0	6	16	32	1								TAN SILTY FINE SAND, MOL. (FILL)
35.0	4.0	WOH	3	2	1	X5							TAN TO DARK BROWN SILTY FINE SAND, SAT. (ALLUVIUM)
30.0	8.5	1	WOH	1	1	X1							TAN TO GRAY SILTY SAND, SAT. (YORKTOWN FORMATION)
25.0	13.5	2	6	6	1	X12							
20.0	18.5	1	8	4	1	X12							
15.0	23.5	2	4	5	1	X9							
10.0	28.5	50	50		0.8					100+X			
5.0	33.5	6	17	83	0.3					100X			
0.0	38.5	6	17	66	1					X83			
-5.0	43.5	2	2	6	1	X8							
-10.0	48.5	2	5	7	1	X12							GRAY SILTY CLAY WITH SOME SHELLS AND CLAYEY SAND LAYERS, WET
-15.0	53.5	1	3	3	1	X6							
-20.0	58.5	WOH	WOH	6	1	X6							
-25.0	63.5	1	2	6	1	X8							
-30.0	68.5	WOR	4	6	1	X10							
	73.5	WOH	WOH	4	1	X4							

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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	78.5	WOH	WOH	7	1	X7							
-40.0	83.5	WOH	4	7	1	X11					SS-39		GRAY SILTY CLAY WITH SOME SHELLS AND CLAYEY SAND LAYERS, WET
-45.0	88.5	Ø	6	7	1	X13							
-50.0	93.5	8	28	39	1					X67		SS-40	DARK GRAY SILTY PHOSPHATIC SAND WITH TRACE OF SHELL FRAGMENTS, SAT. (PUNGO RIVER FORMATION)
-55.0	98.5	11	18	30	1					X48			
-60.0	103.	20	37	32	1					X69			
-65.0	108.	20	38	62	0.6					100+X		SS-41	
-70.0													
-75.0													
-80.0													
-85.0													
-90.0													
-95.0													
-100.0													
-105.0													
-110.0													

BORING TERMINATED AT
 ELEV. -69.7' IN VERY
 DENSE SILTY SAND
 (PUNGO RIVER FORMATION)