

# 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							GROUND WATER					
BRIDGE NO. 64 ON SR 1001 OVER DOG BRANCH												
BORING NO.	EB2-A	BORING LOCATION	17+15	OFFSET	15.0' LT.	ALIGNMENT	-L-					
COLLAR ELEVATION 40.7'							0 HR. N.M.					
NORTHING 0.00							24 HR. 4.0'					
EASTING 0.00												
TOTAL DEPTH	114.3'	DRILL MACHINE	CME-45B	DRILL METHOD	ROTARY W/MUD	HAMMER TYPE	AUTOMATIC					
START DATE	4/15/03	COMPLETION DATE	4/16/03	SURFACE WATER DEPTH								
ELEV.	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			
40.7	0.0	3	9	19	1							
	4.0	2	5	6	1							TAN SILTY SAND, MOI. (FILL)
35.0	7.8	WOH	WOH	WOH	1							TAN FINE TO COARSE SAND, SAT. (ALLUVIUM)
	12.8	WOH	WOH	WOH	1							GRAY SILTY CLAY, WET (YORKTOWN FORMATION)
	17.8	1	1	2	1							GRAY SILTY FINE SAND, SAT.
	22.8	2	4	6	1							SS-14
	27.8	3	3	5	1							SS-15
	32.8	2	3	4	1							SS-16
	37.8	3	4	4	1							SS-17
	42.8	4	5	5	1							SS-18
	47.8	2	3	3	1							GRAY SILTY CLAY WITH CLAYEY SAND LAYERS AND SHELL FRAGMENTS, WET
	52.8	1	2	3	1							SS-17
	57.8	WOH	2	3	1							SS-17
	62.8	1	2	4	1							SS-17
	67.8	WOH	WOH	3	1							SS-17
	72.8	2	2	3	1							SS-18

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ELEV.	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			
35.0	77.8	WOH	2	3	1							
	82.8	WOH	4	4	1							GRAY SILTY CLAY WITH CLAYEY SAND LAYERS AND SHELL FRAGMENTS, WET
	87.8	WOH	WOH	7	1							SS-19
	91.8	48	19	17	1							SS-20
	97.8	12	15	12	1							DARK GRAY SILTY PHOSPHATIC SAND AND SANDY SILT WITH TRACE OF SHELL FRAGMENTS, WET TO SAT. (PUNGO RIVER FORMATION)
	102.8	12	15	26	1							SS-20
	107.8	13	16	40	1							SS-21
	112.8	9	15	12	1							SS-21
												BORING TERMINATED AT ELEV. -73.6' IN VERY STIFF SANDY SILT (PUNGO RIVER FORMATION)