

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.209020I	ID. B-387I	COUNTY MARTIN	GEOLOGIST M.M. HAGER
SITE DESCRIPTION BRIDGE NO. 64 ON SR 1001 OVER DOG BRANCH			GROUND WATER
BORING NO. BI-B	BORING LOCATION 16+70	OFFSET 6.0' RT.	ALIGNMENT -L-
COLLAR ELEVATION 32.2'	NORTHING 0.00	EASTING 0.00	0 HR. N.M.
TOTAL DEPTH 106.0'		DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD
START DATE 4/21/03		COMPLETION DATE 4/22/03	SURFACE WATER DEPTH 2.1'

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			
32.2	0.0	WOH	WOH	WOH	1	X0						
30.0	2.2	1	1	4	1	X5						BROWN SILTY SAND WITH WOOD, SAT. (ALLUVIUM)
	4.5	1	2	3	1	X5						SS-22
25.0	9.5	3	5	7	1	X12						GRAY FINE SANDY CLAY, WET (YORKTOWN FORMATION)
20.0	14.5	30	86	14	0.1				100	X		SS-23
15.0	19.5	2	3	5	1	X8						SS-24
10.0	24.5	2	5	5	1	X10						
5.0	29.5	5	7	16	1				X23			SS-25
0.0	34.5	5	12	14	1				X26			
-5.0	39.5	1	4	4	1	X8						SS-26
-10.0	44.5	WOH	1	4	1	X5						GRAY SILTY CLAY WITH SHELL FRAGMENTS, WET
-15.0	49.5	WOH	5	6	1	X11						SS-27
-20.0	54.5	1	2	4	1	X6						
-25.0	59.5	1	2	3	1	X5						SS-28
-30.0	64.5	WOH	WOH	14	1				X14			
-35.0	69.5	WOH	2	3	1	X5						
-40.0	74.5	1	1	3	1	X4						

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		0.5'	0.5'	0.5'		0	25	50	75			
45.0	79.5	WOH	WOH	14	1	X14						GRAY SILTY CLAY WITH SHELL FRAGMENTS, WET
-50.0	84.5	6	5	5	1	X10						SS-30
-55.0	89.5	32	27	24	1				X51			DARK GRAY SILTY PHOSPHATIC SAND WITH SOME SHELLS, SAT. (PUNGO RIVER FORMATION)
-60.0	94.5	15	27	43	1				X70			
-65.0	99.5	66	34		1				100+	X		
-70.0	104.5	15	33	24	1				X57			
-75.0												
-80.0												
-85.0												
-90.0												
-95.0												
-100.0												
-105.0												
-110.0												
-115.0												
-120.0												

BORING TERMINATED AT ELEV. -73.8' IN VERY DENSE SILTY SAND (PUNGO RIVER FORMATION)