

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. BI-XA		BORING LOCATION 16+35		OFFSET 17.0' LT.		ALIGNMENT -L-							
COLLAR ELEVATION 40.2'		NORTHING 0.00		EASTING 0.00		24 HR. 5.0'							
TOTAL DEPTH 114.2'		DRILL MACHINE CME-45C		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC							
START DATE 11/4/02		COMPLETION DATE 11/4/02		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
40.2	0.0	1	2	3	1	X5							
35.0	4.0	2	1	2	1	X3							TAN SILTY SAND, MOI. TO WET (FILL)
	7.7	WOH	WOH		1	X1							BROWN SILTY SAND, SAT. (ALLUVIUM)
30.0	12.7	4	6	6	1	X12				SS-100			TAN TO GRAY SILTY FINE SAND AND SANDY SILT, WET TO SAT. (YORKTOWN FORMATION)
25.0	17.7	2	1	2	1	X3				SS-101			
20.0	22.7	2	3	5	1	X8				SS-102			
15.0	27.7	4	3	6	1	X9				SS-103			
10.0	32.7	3	4	6	1	X10							
5.0	37.7	3	3	5	1	X8				SS-104			
0.0	42.7	2	3	5	1	X8							
-5.0	47.7	4	3	5	1	X8							GRAY SILTY CLAY WITH SOME SHELLS AND CLAYEY SAND LAYERS, WET
-10.0	52.7	1	3	3	1	X6							
-15.0	57.7	2	2	4	1	X6				SS-105			
-20.0	62.7	2	2	5	1	X7							
-25.0	67.7	2	2	4	1	X6							
-30.0	72.7	2	2	5	1	X7							

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 2 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. BI-XA		BORING LOCATION 16+35		OFFSET 17.0' LT.		ALIGNMENT -L-							
COLLAR ELEVATION 40.2'		NORTHING 0.00		EASTING 0.00		24 HR. 5.0'							
TOTAL DEPTH 114.2'		DRILL MACHINE CME-45C		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC							
START DATE 11/4/02		COMPLETION DATE 11/4/02		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
35.0	77.7	2	3	4	1	X7							
-40.0	82.7	1	4	5	1	X9				SS-106			GRAY SILTY CLAY WITH SOME SHELLS AND CLAYEY SAND LAYERS, WET
-45.0	87.7	2	3	8	1	X11							
-50.0	92.7	7	9	58	1				X67	SS-107			
-55.0	97.7	27	13	19	1				X32	SS-108			DARK GRAY SILTY PHOSPHATIC SAND AND FINE SANDY SILT, WET TO SAT. (PUNGO RIVER FORMATION)
-60.0	102.7	21	45	50	1				95X	SS-109			
-65.0	107.7	16	23	77	0.2				100+X				
-70.0	112.7	9	30	25	1				X55	SS-110			
-75.0													
-80.0													
-85.0													
-90.0													
-95.0													
-100.0													
-105.0													
-110.0													

BORING TERMINATED AT
ELEV. -74.0' IN HARD
SANDY SILT (PUNGO
RIVER FORMATION)