

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.1080601		ID. B-3348		COUNTY HYDE		GEOLOGIST K.B. MILLER								
SITE DESCRIPTION BRIDGE NO. 52 ON US 264 OVER WALLACE CANAL							GROUND WATER							
BORING NO. EB2-B	BORING LOCATION 18+68		OFFSET 19.0' RT.	ALIGNMENT -L-		0 HR. N.M.								
COLLAR ELEVATION 2.5'		NORTHING 0.00	EASTING 0.00		24 HR. 3.6'									
TOTAL DEPTH 104.1'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 2/6/03		COMPLETION DATE 2/6/03		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				
2.5	0.0	3	5	5	1									TAN TO GRAY SILTY SAND, MOI. (FILL)
0.0	4.2	1	2	1	1									
-5.0	7.6	WOH	WOH	WOH	1									
-10.0	12.6	WOH	WOH	WOH	1									
-15.0	17.6	WOH	WOH	WOH	1									GRAY SILTY SANDY CLAY WITH SILTY FINE SAND LAYERS, WET
-20.0	22.6	1	3	3	1									SS-51
-25.0	27.6	1	1	1	1									SS-52
-30.0	32.6	3	3	3	1									
-35.0	37.6	1	2	3	1									
-40.0	42.6	3	5	6	1									
-45.0	47.6	4	6	4	1									
-50.0	52.6	2	3	3	1									
-55.0	57.6	4	5	6	1									GRAY SILTY FINE SAND WITH SANDY SILT LAYERS AND SHELL FRAGMENTS, SAT.
-60.0	62.6	4	4	3	1									SS-55
-65.0	67.6	1	2	3	1									
-70.0	72.6	1	2	4	1									

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		0.5'	0.5'	0.5'		0	25	50	75	100				
75.0	77.6	5	9	9	1									
-80.0	82.6	9	17	17	1									GRAY SILTY FINE SAND WITH SANDY SILT LAYERS AND SHELL FRAGMENTS, SAT.
-85.0	87.6	6	18	10	1									
-90.0	92.6	7	11	15	1									
-95.0	97.6	5	7	6	1									GRAY FINE SANDY SILT AND SILTY CLAY, WET
-100.0	102.6	2	2	2	1									SS-59
-105.0														
-110.0														
-115.0														
-120.0														
-125.0														
-130.0														
-135.0														
-140.0														
-145.0														
-150.0														

BORING TERMINATED AT
ELEV. -101.6 FEET IN
MEDIUM STIFF SILTY CLAY