

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

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GEOTECHNICAL UNIT BORING LOG

SHEET 2 OF 2

PROJECT NO. 33226.1.1		ID. B-3685		COUNTY PITT		GEOLOGIST M. M. HAGER							
SITE DESCRIPTION BRIDGE NO. 30 ON SR 1703 OVER GREEN MILL RUN							GROUND WATER						
BORING NO. BORING 2		BORING LOCATION 17+58		OFFSET 31.0' RT.		ALIGNMENT -L-							
COLLAR ELEVATION 27.8'		NORTHING		EASTING		0 HR. N.M.							
TOTAL DEPTH 73.8'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC							
START DATE 8/26/03		COMPLETION DATE 8/26/03		SURFACE WATER DEPTH N/A									
ELEV.	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
		0.5'	1.0'	1.5'		0	25	50	75				
27.8	0.0	2	1	5	1								TAN SILTY FINE TO COARSE SAND, MOI. TO SAT. (FILL)
25.0	4.1	1	2	1	1								BROWN SLIGHTLY ORGANIC FINE SANDY SILT, WET (ALLUVIUM)
20.0	8.4	2	1	5	1								GRAY SANDY CLAY, WET
15.0	13.4	60			0.1					100+X			GRAY FINE TO COARSE SAND WITH INDURATED LAYERS, SAT. (YORKTOWN FORMATION)
10.0	18.4	4	10	11	1								GRAY CLAYEY FINE TO COARSE SAND, SAT.
5.0	23.4	27	30	30	1								GRAY FINE TO COARSE SAND WITH INDURATED SAND AND SHELL LAYERS, SAT.
-5.0	33.4	8	18	19	1								GRAY MICACEOUS FINE TO COARSE SAND, SAT. (BLACK CREEK FORMATION)
-10.0	38.4	100			0.3					100+X			
-15.0	43.4	100			0.4					100+X			
-20.0	48.4	44	41	41	1								GRAY FINE TO COARSE SAND WITH INDURATED LAYERS, SAT.
-25.0	53.4	15	18	19	1								GRAY MICACEOUS FINE TO COARSE SAND, SAT.
-30.0	58.4	59	41		0.6					100+X			
-35.0	63.4	100			0.2					100+X			
-40.0	68.4	100			0.3					100+X			
-45.0	73.4	100			0.4					100+X			

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		0.5'	1.0'	1.5'		0	25	50	75					100
														BORING TERMINATED AT ELEV. -46.0 FEET IN VERY DENSE FINE TO COARSE SAND