

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

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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. EBI-B	BORING LOCATION 16+88		OFFSET 33.0' RT.	ALIGNMENT -L-		0 HR. N.M.						
COLLAR ELEVATION 32.6'		NORTHING		EASTING		24 HR. 5.8'						
TOTAL DEPTH 59.5'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC						
START DATE 8/22/03		COMPLETION DATE 8/22/03		SURFACE WATER DEPTH N/A								
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			
32.6	0.0	7	9	12	1							
30.0	4.0	3	2	3	1							TAN BROWN FINE TO COARSE SAND, MOI. TO SAT. (FILL)
25.0	8.5	2	3	5	1							SS-8
20.0	13.0	5	6	9	1							BROWN SLIGHTLY ORGANIC FINE TO COARSE SAND, SAT. (ALLUVIUM)
15.0	18.0	33	13	14	1							GRAY CLAYEY FINE TO COARSE SAND, SAT. (YORKTOWN FORMATION)
10.0	23.0	5	11	30	1							SS-9
5.0	28.0	19	22	21	1							SS-10
0.0	33.0	60			0.1							GRAY FINE SAND WITH INDURATED SAND AND SHELL LAYERS, SAT.
-5.0	38.0	23	34	66	0.9							SS-11
-10.0	43.0	100			0.2							GRAY MICACEOUS FINE TO COARSE SAND, SAT. (BLACK CREEK FORMATION)
-15.0	48.0	100			0.3							SS-12
-20.0	53.0	68	46		0.9							
-25.0	58.0	21	27	36	1							
BORING TERMINATED AT ELEV. -26.9 FEET IN VERY DENSE FINE TO COARSE SAND												

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 I	BORING LOCATION 17+08		OFFSET 32.0' RT.	ALIGNMENT -L-		0 HR. N.M.						
COLLAR ELEVATION 32.6'		NORTHING		EASTING		24 HR. 6.0'						
TOTAL DEPTH 59.5'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC						
START DATE 8/27/03		COMPLETION DATE 8/27/03		SURFACE WATER DEPTH N/A								
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			
32.6	0.0	2	3	2	1							
30.0	4.0	5	5	11	1							TAN BROWN FINE TO COARSE SAND, MOI. TO SAT. (FILL)
25.0	8.0	7	13	4	1							SS-20
20.0	13.0	5	5	6	1							BROWN SLIGHTLY ORGANIC FINE TO COARSE SAND, SAT. (ALLUVIUM)
15.0	18.0	5	8	9	1							SS-21
10.0	23.0	4	9	10	1							GRAY SILTY SANDY CLAY, WET (YORKTOWN FORMATION)
5.0	28.0	13	15	14	1							SS-22
0.0	33.0	60			0.1							GRAY CLAYEY FINE TO COARSE SAND, SAT.
-5.0	38.0	14	23	31	1							SS-23
-10.0	43.0	100			0.4							GRAY FINE SAND WITH INDURATED SAND AND SHELL LAYERS, SAT.
-15.0	48.0	100			0.4							SS-24
-20.0	53.0	38	54	46	0.9							GRAY MICACEOUS FINE TO COARSE SAND, SAT. (BLACK CREEK FORMATION)
-25.0	58.0	14	26	42	1							SS-25
BORING TERMINATED AT ELEV. -26.9 FEET IN VERY DENSE FINE TO COARSE SAND												