

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

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. BI-B	BORING LOCATION 17+40	OFFSET 16.0' RT.	ALIGNMENT -L-				
COLLAR ELEVATION 20.4'	NORTHING	EASTING	24 HR. N.M.				
TOTAL DEPTH 59.4'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC				
START DATE 12/18/03	COMPLETION DATE 12/19/03	SURFACE WATER DEPTH 3.0'					
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT	SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		0.5' 1.0' 1.5'		0 25 50 75 100			
20.4	0.0	2	2	1		X4	BROWN SLIGHTLY ORGANIC FINE TO COARSE SAND, SAT. (ALLUVIUM)
15.0	5.0	2	2	5		X7	GRAY FINE TO COARSE SAND WITH INDURATED LAYERS, SAT. (YORKTOWN FORMATION)
	8.8	3	5	5		X10	GRAY CLAYEY FINE TO COARSE SAND, SAT.
	13.8	43	23	17		X40	GRAY FINE TO COARSE SAND WITH INDURATED SAND AND SHELL LAYERS, SAT.
	18.8	4	5	6		X11	
	23.8	12	13	17		X30	
	28.8	52	70	30		100+X	
	33.8	90	100			100+X	
	38.8	67	100			100+X	
	43.8	100				100+X	
	48.8	17	8	10		X18	
	53.8	94	6			100+X	
	58.8	100				100+X	
							BORING TERMINATED AT ELEV. -39.0 FEET IN VERY DENSE FINE TO COARSE SAND

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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. BI-A	BORING LOCATION 17+54	OFFSET 16.0' LT.	ALIGNMENT -L-				
COLLAR ELEVATION 22.0'	NORTHING	EASTING	24 HR. N.M.				
TOTAL DEPTH 59.8'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC				
START DATE 12/29/03	COMPLETION DATE 12/30/03	SURFACE WATER DEPTH 1.0'					
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT	SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		0.5' 1.0' 1.5'		0 25 50 75 100			
22.0	0.0	1	2	1		X3	BROWN SLIGHTLY ORGANIC FINE TO COARSE SAND, SAT. (ALLUVIUM)
	2.5	3	4	5		X9	
	4.8	39	100			0.6	
	7.5	3	4	6		X10	
	10.0	3	3	4		X7	
	14.5	4	4	10		X14	
	19.5	4	4	5		X9	
	24.5	8	10	19		X29	
	29.5	22	48	52		0.8	
	34.5	77	23			0.6	
	39.5	89	11			0.6	
	44.5	7	12	12		X24	
	49.5	7	8	21		X29	
	54.5	100				0.4	
	59.5	100				0.3	
							BORING TERMINATED AT ELEV. -37.8 FEET IN VERY DENSE FINE TO COARSE SAND