

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2301201		ID. B-3467		COUNTY HALIFAX		GEOLOGIST M.M. HAGER								
SITE DESCRIPTION BRIDGE NO. 40 ON SR 1003 OVER BEECH SWAMP							GROUND WATER							
BORING NO. B2-A		BORING LOCATION 20+75		OFFSET 24.0' LT.		ALIGNMENT -L-	0 HR. N.M.							
COLLAR ELEVATION 50.9'		NORTHING 0.00		EASTING 0.00			24 HR. N.M.							
TOTAL DEPTH 61.9'		DRILL MACHINE CME-45C		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 1/15/03		COMPLETION DATE 1/16/03		SURFACE WATER DEPTH 11.8'										
ELEV.	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				
50.9	0.0	1	6	5										
50.0	2.5	3	3	3										TAN GRAY COARSE SAND, SAT. (ALLUVIUM)
45.0	5.4	3	14	13								SS-19		
40.0	10.4	2	4	4										GRAY CLAYEY COARSE SAND, SAT. (CAPE FEAR FORMATION)
35.0	15.4	5	8	13								SS-20		GRAY SILTY CLAY, WET
30.0	20.4	3	6	9								SS-21		
25.0	25.4	5	9	10										GRAY FINE TO COARSE SAND, SAT.
20.0	30.4	5	7	10								SS-22		
15.0	35.4	6	7	13										
10.0	40.4	11	15	18								SS-23		
5.0	45.4	10	13	17										BROWN GRAY SILTY SANDY CLAY, WET
0.0	50.4	12	19	21								SS-24		
-5.0	55.4	7	11	15								SS-25		
-10.0	60.4	7	12	16										GRAY FINE SAND, SAT.
-15.0														BORING TERMINATED AT ELEV. -11.0' IN MEDIUM DENSE FINE SAND
-20.0														

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2301201		ID. B-3467		COUNTY HALIFAX		GEOLOGIST M.M. HAGER								
SITE DESCRIPTION BRIDGE NO. 40 ON SR 1003 OVER BEECH SWAMP							GROUND WATER							
BORING NO. B3-B		BORING LOCATION 21+20		OFFSET 26.0' RT.		ALIGNMENT -L-	0 HR. N.M.							
COLLAR ELEVATION 60.5'		NORTHING 0.00		EASTING 0.00			24 HR. N.M.							
TOTAL DEPTH 66.7'		DRILL MACHINE CME-45C		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 2/3/03		COMPLETION DATE 2/4/03		SURFACE WATER DEPTH 2.3'										
ELEV.	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				
60.5	0.0	1	1	1										
55.0	5.4	1	1	9								SS-34		GRAY SANDY CLAY, WET (ALLUVIUM)
50.0	10.2	6	9	12								SS-35		
45.0	15.2	1	2	2								SS-36		
40.0	20.2	8	20	13								SS-37		GRAY FINE TO COARSE SAND AND CLAYEY SAND SAT. (CAPE FEAR FORMATION)
35.0	25.2	4	5	6										
30.0	30.2	11	20	20								SS-38		GRAY SANDY SILTY CLAY, WET
25.0	35.2	5	9	10								SS-39		
20.0	40.2	4	7	10										GRAY FINE TO COARSE SAND, SAT.
15.0	45.2	7	9	12								SS-40		
10.0	50.2	9	15	22								SS-41		
5.0	55.2	10	17	25										GRAY SILTY AND SANDY CLAY, WET
0.0	60.2	11	12	16								SS-42		
-5.0	65.2	5	12	17								SS-43		GRAY FINE TO COARSE SAND, SAT.
-10.0														BORING TERMINATED AT ELEV. -6.2' IN MEDIUM DENSE FINE TO COARSE SAND