

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/ K.B. MILLER							
SITE DESCRIPTION BRIDGE NO. 45 ON SR 1003 OVER BEECH SWAMP							GROUND WATER						
BORING NO. EBI-A		BORING LOCATION 30+91.0		OFFSET 19.0' LT.		ALIGNMENT -L-							
COLLAR ELEVATION 70.3'		NORTHING 0.00		EASTING 0.00		0 HR. N.M.							
TOTAL DEPTH 69.3'		DRILL MACHINE CME-45C/ 45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC							
START DATE 1/8/03		COMPLETION DATE 2/19/03		SURFACE WATER DEPTH									
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION	
		0.5'	1.0'	1.5'		0	25	50	75				100
70.3	0.0	1	2	1									
	3.8	2	1	2									TAN BROWN FINE TO COARSE SAND, MOI. TO SAT. (FILL)
65.0	7.4	1	1	2									
	12.4	3	5	2						SS-22			TAN BROWN SILTY CLAY, WET
	17.4	9	10	2									
	22.4	1	2	2						SS-23			GRAY FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION)
	27.4	15	28	2						SS-24			
	32.4	4	8	11						SS-25			
	37.4	7	19	24									
	42.4	5	20	26						SS-26			
	47.4	7	9	12									
	52.4	7	9	13						SS-27			GRAY SANDY AND SILTY CLAY, WET
	57.8	8	15	19									
	62.8	8	15	18									
	67.8	11	24	27									
0.0													BORING TERMINATED AT ELEV. 1.0' IN HARD SILTY CLAY

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SHEET 1 OF 1

PROJECT NO. 8.2301201		ID. B-3467		COUNTY HALIFAX		GEOLOGIST M.M. HAGER							
SITE DESCRIPTION BRIDGE NO. 45 ON SR 1003 OVER BEECH SWAMP							GROUND WATER						
BORING NO. BI-B		BORING LOCATION 31+34		OFFSET 7.0' RT.		ALIGNMENT -L-							
COLLAR ELEVATION 61.3'		NORTHING 0.00		EASTING 0.00		0 HR. N.M.							
TOTAL DEPTH 49.1'		DRILL MACHINE CME-45C		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC							
START DATE 12/17/02		COMPLETION DATE 12/18/02		SURFACE WATER DEPTH 3.0'									
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION	
		0.5'	1.0'	1.5'		0	25	50	75				100
61.3	0.0	1	1	1									
60.0	3.9	1	8	10						SS-1			BROWN SILTY CLAY, WET (ALLUVIUM)
	7.6	6	9	13						SS-2			TAN BROWN FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION)
	12.6	2	3	3									
	17.6	8	13	31						SS-3			
	22.6	4	9	13									GRAY COARSE SAND, SAT.
	27.6	6	11	17						SS-4			GRAY SILTY CLAY, WET
	32.6	8	11	20						SS-5			GRAY CLAYEY COARSE SAND, SAT.
	37.6	8	9	16									
	42.6	8	9	10						SS-6			GRAY SILTY CLAY, WET
	47.6	9	16	30									
10.0													BORING TERMINATED AT ELEV. 12.2' IN HARD SILTY CLAY