

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. EBI-A		BORING LOCATION 19+85		OFFSET 18.0' LT.		ALIGNMENT -L-							
COLLAR ELEVATION 70.4'		NORTHING 0.00		EASTING 0.00		0 HR. N.M. 24 HR. 6.9'							
TOTAL DEPTH 63.9'		DRILL MACHINE CME-45C		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC							
START DATE 12/12/02		COMPLETION DATE 12/16/02		SURFACE WATER DEPTH									
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				100
70.4	0.0	1	1	1	1	X2							
	3.7	1	0	1	1	X1						SS-1	TAN BROWN SANDY SILT, MOI. TO WET (FILL)
65.0	7.4	WOH	WOH	WOH	1	X0						SS-2	TAN GRAY COARSE SAND, SAT. (ALLUVIUM)
	12.4	5	5	9	1	X14						SS-3	
	17.4	4	4	11	1	X15						SS-4	GRAY FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION)
	22.4	7	7	11	1	X18						SS-5	
	27.4	4	3	18	1	X21						SS-6	34% GRAY FINE SANDY CLAY, WET
	32.4	7	7	9	1	X16						SS-7	
	37.4	9	14	16	1	X30						SS-8	GRAY FINE TO COARSE SAND, SAT.
	42.4	5	8	14	1	X22						SS-9	GRAY CLAYEY SANDY SILT, WET
	47.4	5	8	9	1	X17							
	52.4	6	11	9	1	X20							
	57.4	8	13	22	1	X35							
	62.4	17	19	28	1	X47							
													BORING TERMINATED AT ELEV. 6.5' IN HARD CLAYEY SANDY SILT

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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. BI-A		BORING LOCATION 20+30		OFFSET 24.0' LT.		ALIGNMENT -L-							
COLLAR ELEVATION 58.5'		NORTHING 0.00		EASTING 0.00		0 HR. N.M. 24 HR. N.M.							
TOTAL DEPTH 69.5'		DRILL MACHINE CME-45C		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC							
START DATE 1/16/03		COMPLETION DATE 1/21/03		SURFACE WATER DEPTH 4.2'									
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				100
58.5	0.0	WOH	WOH	WOH	2	X2							
	3.4	1	2	3	1	X5						SS-26	TAN GRAY COARSE SAND, SAT. (ALLUVIUM)
	8.0	2	5	6	1	X11							
	13.0	1	3	3	1	X6							
	18.0	5	5	5	1	X10						SS-27	GRAY FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION)
	23.0	4	7	8	1	X15							
	28.0	5	8	9	1	X17						SS-28	GRAY SANDY SILTY CLAY, WET
	33.0	7	10	12	1	X22							
	38.0	5	7	11	1	X18						SS-29	GRAY FINE TO COARSE SAND, SAT.
	43.0	5	10	12	1	X22							
	48.0	10	21	36	1	X57						SS-30	GRAY SANDY AND SILTY CLAY, SAT.
	53.0	7	10	15	1	X25							
	58.0	12	15	24	1	X39						SS-31	
	63.0	8	12	20	1	X32						SS-32	GRAY CLAYEY AND SILTY FINE SAND, SAT.
	68.0	7	12	16	1	X28						SS-33	
													BORING TERMINATED AT ELEV. -11.0' IN MEDIUM DENSE FINE SAND