



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING NUMBER: C-4
 SHEET 1 of 1
 DATE STARTED: 4/30/10
 DATE COMPLETED: 4/30/10

PROJECT NAME: SOUTH BURLINGTON-COLCHESTER
 SITE NAME: I-89
 STATION: SB EMBANKMENT
 OFFSET:
 VTSPG NAD83: N 749086.00 ft E 1461580.13 ft

PROJECT NUMBER: IM CULV(23)
 SITE NUMBER:
 GROUND ELEVATION: 120.1 ft
 GROUNDWATER DEPTH: NOT TAKEN
 PROJECT PIN NUMBER: 09A046

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: PORTER

BORING RIG: CME 45C TRACK AUTO
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CEE

LOG OF BORING SOUTH BURLINGTON-COLCHESTER IM CULV(23).GPI VT AOT.GDT 5/28/10

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		A-4, SiSa, brn, Moist, Rec. = 1.5 ft	2	16.4	2.0	57.0	41.0		
5		A-2-4, SiSa, brn, Moist, Rec. = 1.5 ft	7	15.5	0.4	75.3	24.3		
		A-2-4, SiSa, brn, Moist, Rec. = 1.8 ft	27	16.0	1.9	72.9	25.2		
10		A-2-4, SiSa, brn, Moist, Rec. = 1.3 ft	12	20.2	2.4	68.1	29.5		
		A-2-4, Sa, gry, Moist, Rec. = 1.5 ft	17	17.5	1.5	80.5	18.0		
		A-2-4, SiSa, gry, Moist, Rec. = 1.8 ft	21	18.6	3.4	73.8	22.8		
15		A-2-4, SiSa, gry, Moist, Rec. = 2.0 ft	16	21.3	2.9	64.7	32.4		
		A-4, Si, gry, Moist, Rec. = 1.4 ft	14	23.5	1.7	19.8	78.5	30	6
20		A-4, SaSi, gry, Moist, Rec. = 1.5 ft	7	27.6	0.5	23.2	76.3		
		A-4, SaSi with Trace of Organics (4.2%), gry, Moist, Rec. = 1.6 ft	6	35.5	0.0	26.9	73.1		
25		A-4, Si, gry, Moist, Rec. = 1.4 ft	5	28.5	0.2	13.6	86.2		
		Hole stopped @ 26.0 ft							
30		DRILLER'S NOTES: 1. No ledge to depth. 2. Hole was sealed with cement grout to depth. 3. The hammer energy correction factor, C_e for the CME 45 Track Rig used in this investigation is 1.34. The N values provided on the boring logs are raw values and have not been corrected.							