



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

BORING NUMBER: B-103
 SHEET 1 of 1
 DATE STARTED: 11/01/06
 DATE COMPLETED: 11/01/06

PROJECT NAME: SOUTH BURLINGTON
 SITE NAME: I-89
 STATION: 214+33.44
 OFFSET: -85.37
 VTSPG: N 715541.50 ft E 1461438.60 ft

PROJECT NUMBER: IM CULV(9)
 SITE NUMBER: MM 88.1
 GROUND ELEVATION:
 GROUNDWATER DEPTH: 3.9 ft 11/01/06
 PROJECT PIN NUMBER: 06A136

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
5		A-4, SiSa, brn, Moist, Rec. = 1.3 ft	5	32.2	0.5	60.7	38.8		
		A-4, SiSa, brn, Moist, Rec. = 0.8 ft	2	27.8	1.7	59.6	38.7		
		A-4, SiSa, brn, Wet, Rec. = 0.4 ft	WH	29.1	0.7	52.6	46.7		
10		A-4, SiSa, gry, Wet, Rec. = 1.1 ft	5	27.0	0.9	50.8	48.3		
		A-4, SaSi, gry, Wet, Rec. = 1.0 ft	2	30.3	0.0	23.7	76.3		
		A-4, Si, gry, Wet, Rec. = 1.2 ft	WH	33.6	0.0	5.2	94.8	27	4
15		A-4, Si, gry, Wet, Rec. = 1.7 ft	WH	32.4	0.0	1.5	98.5	28	3
20		A-4, ClSi, gry, Wet, Rec. = 2.0 ft	WH	34.5	0.0	0.6	99.4	31	8
25		A-7-6, Cl, gry, Wet, Rec. = 2.0 ft	WH	48.3	0.0	6.1	93.9	55	32
30		A-7-6, Cl, gry, Wet, Rec. = 2.0 ft	WH	65.8	1.1	3.8	95.1	73	45
35		A-7-6, Cl, gry, Wet, Rec. = 2.0 ft	WH	48.7	0.0	2.1	97.9	57	30
40		A-7-6, Cl, gry, Wet, Rec. = 2.0 ft	WH	51.4	0.0	2.4	97.6	54	31
45		Hole stopped @ 42.0 ft							

LOG OF BORING - SOUTH BURLINGTON, IM CULV(9).DPT 11/20/06