



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

BORING NUMBER: B-102
 SHEET 1 of 1
 DATE STARTED: 3/18/09
 DATE COMPLETED: 3/18/09

PROJECT NAME: SOUTH BURLINGTON-WINOOSKI
 SITE NAME: I-89
 STATION:
 OFFSET:
 VTSPG: N 719114.37 ft E 1461890.74 ft

PROJECT NUMBER: IM SCRP(3)
 SITE NUMBER: CULVERT REPLACEMENT
 GROUND ELEVATION:
 GROUNDWATER DEPTH: Hole collapsed at 5.0 ft
 PROJECT PIN NUMBER: 07A104

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: NSM

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		A-4, SiSa, brn, Moist, Rec. = 1.9 ft	16	16.4	1.3	58.5	40.2
		A-4, SiSa, brn, Moist, Rec. = 1.9 ft	24	18.0	0.4	51.9	47.7
		A-4, SiSa, gry, Moist, Rec. = 2.0 ft	21	15.3	0.2	50.3	49.5
10		A-4, SiSa, brn, Moist, Rec. = 1.9 ft	28	14.5	1.2	55.0	43.8
		A-4, SaSi, gry, Moist, Rec. = 1.7 ft	24	16.1	0.0	43.4	56.6
15		A-4, SaSi, gry, Moist, Rec. = 1.5 ft	14	16.9	0.8	47.6	51.6
		A-4, SiSa, gry, Moist, Rec. = 1.7 ft	30	16.5	0.1	50.3	49.6
		A-4, SaSi, gry, Moist, Rec. = 1.8 ft	31	17.4	0.0	46.1	53.9
20		A-4, SaSi, gry, Moist, Rec. = 1.8 ft	14	15.1	1.1	26.6	72.3
		A-4, SaSi, gry, Moist, Rec. = 0.8 ft	40	19.4	4.8	36.6	58.6
		A-2-4, GrSiSa, gry, Moist, Rec. = 0.8 ft	17.2	17.2	24.9	43.8	31.3
25		Hole stopped @ 24.0 ft					
30							
35							
40							
45							

LOG OF BORING SOUTH BURLINGTON-WINOOSKI IM SCRP(3).CPJ VT.AOT.GDT 4/2/09