



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

BORING NUMBER: B-106  
 SHEET 1 of 1  
 DATE STARTED: 3/17/09  
 DATE COMPLETED: 3/17/09

PROJECT NAME: SOUTH BURLINGTON-WINOOSKI  
 SITE NAME: I-89  
 STATION:  
 OFFSET:  
 VTSPG: N 719614.88 ft E 1462272.08 ft

PROJECT NUMBER: IM SCRP(3)  
 SITE NUMBER: CULVERT REPLACEMENT  
 GROUND ELEVATION:  
 GROUNDWATER DEPTH: Hole collapsed at 11.0 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							
10		A-4, SaSi, brn, Moist, Rec. = 1.3 ft	17	13.1	1.2	47.2	51.6
10		A-2-4, SiSa, brn, Moist, Rec. = 1.6 ft	15	12.8	1.5	67.6	30.9
15		A-4, SaSi, brn, Moist, Rec. = 2.0 ft, A very thin layer of clay was noticeable.	13	17.3	1.2	40.4	58.4
15		A-4, SiSa, gry, Wet, Rec. = 1.7 ft	13	19.1	0.2	58.7	41.1
15		A-2-4, SiSa, gry, Wet, Rec. = 1.8 ft	26	18.3	0.5	65.1	34.4
20		A-4, SaSi, gry, Wet, Rec. = 1.5 ft	8	20.9	0.0	30.7	69.3
20		A-4, SaSi, gry, Wet, Rec. = 1.6 ft	25	19.3	0.0	35.2	64.8
20		A-4, SiSa, gry, Wet, Rec. = 1.6 ft	35	19.7	0.5	51.1	48.4
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