



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

BORING NUMBER: B-105
SHEET 1 of 1
DATE STARTED: 3/12/09
DATE COMPLETED: 3/13/09

PROJECT NAME: SOUTH BURLINGTON-WINOOSKI
SITE NAME: I-89
STATION:
OFFSET:
VTSPG: N 719486.04 ft E 1462226.87 ft

PROJECT NUMBER: IM SCRP(3)
SITE NUMBER: CULVERT REPLACEMENT
GROUND ELEVATION:
GROUNDWATER DEPTH: Hole collapsed at 6.0 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 (%)	LL (%)	PI (%)
5	[Hatched]	A-4, SaSi, brn, Moist, Rec. = 1.6 ft	8	21.9	5.3	24.1	70.6		
		A-4, SaSi, brn, Moist, Rec. = 1.6 ft	6	13.3	1.6	47.9	50.5		
		A-4, SiSa, brn, Moist, Rec. = 1.6 ft	4	12.7	0.6	53.0	46.4		
		A-4, SaSi, brn, Moist, Rec. = 1.9 ft, A very small layer of Clay was noticeable.	17	14.4	0.1	36.4	63.5		
10	[Hatched]	A-4, SaSi, brn, Moist, Rec. = 1.7 ft	14	18.4	0.0	40.3	59.7		
		A-4, SaSi, brn, Moist, Rec. = 1.7 ft	15	15.1	0.3	46.9	52.8		
15	[Hatched]	A-4, SaSi, gry, Moist, Rec. = 2.0 ft	25	15.4	0.4	32.4	67.2		
		A-4, SaSi, gry, Moist, Rec. = 1.5 ft	9	19.6	0.0	24.3	75.7	24	1
		A-4, SaSi, gry, Wet, Rec. = 1.7 ft	15	21.8	0.5	42.6	56.9		
20	[Hatched]	A-4, SaSi, gry, Moist, Rec. = 1.7 ft	20	18.4	0.0	38.6	61.4		
		A-4, Si, gry, Moist, Rec. = 1.6 ft	20	23.6	0.0	4.1	95.9	30	5
		A-4, SiSa, gry, Moist, Rec. = 0.9 ft	10	18.3	0.0	57.4	42.6		
		A-4, CiSi, gry, Wet, Rec. = 1.1 ft	7	27.2	0.0	5.5	94.5	31	7
25	[Hatched]	A-4, Si, gry, Moist, Rec. = 1.9 ft	7	27.5	0.0	4.7	95.3	29	5
		A-4, Si, gry, Moist, Rec. = 1.6 ft	18	28.9	0.0	1.3	98.7	28	4
30		Hole stopped @ 28.0 ft							
35									
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LOG OF BORING SOUTH BURLINGTON-WINOOSKI IM SCRP(3).CPJ VT.AOT.GDT 4/2/09