



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

BORING NUMBER: B-102
 SHEET 1 of 1
 DATE STARTED: 6/25/07
 DATE COMPLETED: 6/25/07

PROJECT NAME: WATERBURY
 SITE NAME: POLE BASE
 STATION: 12+05
 OFFSET: 35.90
 VTSPG: N 671707.22 ft E 1573595.45 ft

PROJECT NUMBER: NHG SGNL(27)
 SITE NUMBER: VT-100 & I-89 Ramp "G"
 GROUND ELEVATION: 483.24 ft
 GROUNDWATER DEPTH: NWD
 PROJECT PIN NUMBER: 05B140

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 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-1-b, GrSa, brn, Moist, Rec. = 1.7 ft	17	5.0	45.8	46.7	7.5		
		A-1-b, GrSa, brn, Moist, Rec. = 1.5 ft	25	4.6	42.1	49.6	8.3		
		No Recovery, Cobbles, Tough augering, 4.0 ft - 6.0 ft	8						
10		A-1-b, SaGr, brn-gry, Moist, Rec. = 0.5 ft	11	4.9	52.0	33.4	14.6		
		A-1-a, SaGr, gry, Moist, Rec. = 0.9 ft	19	5.0	60.3	27.1	12.6		
		A-1-a, SaGr, gry, Moist, Rec. = 0.9 ft	14	5.3	63.5	25.2	11.3		
		Lab Note, Fill Material: Broken thin angular rock particles with sand., gry, Moist, Rec. = 0.4 ft	7	7.9	61.1	24.4	14.5		
		A-4, CISi, gry, Moist, Rec. = 0.6 ft	14	27.6	8.3	6.1	85.6	35	9
15		A-4, CISi, gry, Moist, Rec. = 0.4 ft	14	21.5	17.3	7.0	75.7	34	8
		Lab Note, Fill Material: Broken thin angular rock particles with sand., gry, Moist, Rec. = 1.2 ft		4.9	62.6	25.3	12.1		
20		Lab Note, Fill Material: Broken angular rock particles with sand., gry, Moist, Rec. = 0.3 ft	21	3.6	60.3	27.9	11.8		
		Lab Note, Fill Material: Broken angular rock particles with sand., gry, Moist, Rec. = 1.4 ft	36	3.6	63.3	24.1	12.6		
30		A-6, SiCl, gry, Moist, Rec. = 1.5 ft	8	28.6	0.7	8.8	90.5	36	12
		Hole stopped @ 32.0 ft							

LOG OF BORING WATERBURY NHG SGNL(27).GPJ VT AOT.GDT 9/20/07