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

BORING LOG

RUTLAND CITY
BRF 3000(19)
TH-10 BR-17

Boring No.: B-107
Page No.: 1 of 1
Pin No.: 08J096
Checked By: CAA

Boring Crew: PORTER, GARROW
Date Started: 6/30/10 Date Finished: 6/30/10
VTSPG NAD83: N 402150.63 ft E 1507161.52 ft
Station: 7+25 Offset: 0.00
Ground Elevation: 519.8 ft

	Casing	Sampler
Type:	WB	SS
I.D.:	4 in	1.5 in
Hammer Wt:	N.A.	140 lb.
Hammer Fall:	N.A.	30 in.
Hammer/Rod Type:		Auto/AWJ
Rig:	CME 55 TRACK	CE = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
		NONE TAKEN

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, SiGrSa, brn-white, Moist, Rec. = 0.8 ft, Broken Marble rock was within sample.	1-10-20-25 (30)	14.5	33.0	35.3	31.7
		Field Note:, Dug a boulder and cobbles out by hand					
5		A-1-a, SaGr, brn-white, Moist, Rec. = 0.9 ft, Broken Marble rock was within sample.	3-4-5-3 (9)	8.4	65.6	24.6	9.8
		A-2-4, SiSa, brn, Moist, Rec. = 1.7 ft	2-1-1-1 (2)	21.0	15.3	54.9	29.8
		A-4, SiSa, Lt/brn, MTW, Rec. = 0.7 ft	3-1-1-3 (2)	40.6	1.1	55.1	43.8
10		A-4, SiSa, Lt/brn, MTW, Rec. = 1.4 ft	6-5-4-4 (9)	25.6	6.5	49.8	43.7
		A-2-4, SiSa, Lt/brn, Wet, Rec. = 1.0 ft	3-1-3-5 (4)	26.5	15.7	57.6	26.7
15		Field Note:, No Recovery. Appears to be Cobbles and Gravel, NXDC, 15.2'-16.0'	8-6-8-8 (14)				
		A-1-a, SaGr, gry, Moist, Rec. = 0.7 ft, NXDC, 17.2'-18.0'	8-8-10-15 (18)	10.4	58.4	27.9	13.7
		A-1-b, SaGr, gry, Moist, Rec. = 0.4 ft	10-10-12-42 (22)	12.5	48.1	35.3	16.6
20		Hole stopped @ 20.0 ft					
25							

Notes:
1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 RUTLAND CITY BRF 3000(19).GPJ VERMONT AOT.GDT 11/8/10