



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

BORING LOG

RICHMOND
CMG PARK(31)
US-2

Boring No.: B-108

Page No.: 1 of 1

Pin No.: 05K216

Checked By: CEE

Boring Crew: PORTER, EWALD

Date Started: 2/17/12 Date Finished: 2/17/12

VTSPG NAD83: N 701442.30 ft E 1507604.90 ft

Station: 72+33 Offset: 40.00

Ground Elevation: 305.2 ft

Type: H.S.A. SS
I.D.: 3.5 in 1.5 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: CME 45C SKID CE = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
02/17/12		Hole collapsed. 6.5'

Depth (ft)	Strata (i)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Field Note: Asphalt Pavement					
		A-1-a, Gr (Crushed Rock Fill), brn, Moist, Taken from Auger Flight.		1.5	87.5	10.0	2.5
		A-2-4, SiSa, brn, Moist, Rec. = 1.5 ft	6-10-9-7 (19)	8.0	1.8	72.8	25.4
5		A-4, SaSi, Dk/brn, Moist, Rec. = 1.4 ft, Trace of Wood.	6-5-6-6 (11)	23.8	7.7	25.7	66.6
		A-4, Si, brn, Moist, Rec. = 1.7 ft	7-9-8-6 (17)	29.9		3.3	96.7
		A-4, SaSi, brn, Moist, Rec. = 1.7 ft	2-3-4-3 (7)	23.0	0.5	24.0	75.5
10		A-2-4, SiSa, brn, Moist, Rec. = 1.6 ft	2-3-4-5 (7)	19.0	0.1	70.7	29.2
15		A-1-a, SaGr, brn, Wet, Rec. = 0.8 ft	8-8-8-7 (16)	11.8	50.6	42.1	7.3
20		A-1-a, SaGr, brn-gry, Wet, Rec. = 0.5 ft	2-1-WH-WH (1)	11.7	52.8	40.3	6.9
25		A-1-b, GrSa, gry, Wet, Rec. = 1.4 ft	7-7-6-5 (13)	14.2	36.0	54.5	9.5
		Hole stopped @ 27.0 ft					
30		Remarks: 1. Used water in hole to prevent sand from coming up into hole starting at 15.0 foot sample.					

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 RICHMOND CMG PARK(31).GPJ VERMONT AOT.GDT 3/28/12