



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

BORING LOG

MARLBORO  
 BRF 010-1 (43)

Boring No.: B-104  
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 Pin No.: \_\_\_\_\_  
 Checked By: LJD

Boring Crew: Geosearch, Inc. Fitchburg, MA, JE  
 Date Started: 8/01/12 Date Finished: 8/01/12  
 VTSPG NAD83: N 137769.00 ft E 1588797.00 ft  
 Station: 3+55 Offset: 11 LT  
 Ground Elevation: 1,298.5 ft. (approx)

Casing Sampler  
 Type: HW SS  
 I.D.: 4 in 1.38 in  
 Hammer Wt: 300 140 lb.  
 Hammer Fall: 24 30 in.  
 Hammer/Rod Type: Auto/N  
 Rig: CME 55 CE = 1.3

Groundwater Observations

Date	Depth (ft)	Notes
08/01/12		NE

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Bituminous concrete, 0.0 ft - 0.5 ft					
		Gravel base, 0.5 ft - 1.0 ft					
	x x x	A-1-a, GrSaSi occasional cobbles/boulders, gry-brn, Rec. = 1.3 ft, (Fill)	5-9-10-13 (19)	1.9	74.7	15.2	10.1
	x x x						
	x x x						
5		Rec. = 0.0 ft, 5.0 ft - 6.0 ft	39-63				
		Note: Drill action suggests frequent cobbles and boulders from 4-11 feet (possible fill)					
10							
		A1-b, C-F SAND, some gravel, little silt, brn, occasional cobbles, very dense	65/6"				
15		Hole stopped @ 13.0 ft Auger refusal @ 13.0 ft					
20							
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 J1125130.GPJ VERMONT AOT.GDT 10/25/12