



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

BORING LOG

FAIRFIELD  
BRO 1448(41)  
Elm Brook Road, Fairfield, VT

Boring No.: B-2A  
Page No.: 1 of 2  
Pin No.: 12J170  
Checked By: K. Adnams

Boring Crew: P. LaVossiere, K. Owens  
Date Started: 4/29/13 Date Finished: 4/29/13  
VTSPG NAD83: N 835756.72 ft E 1544070.03 ft  
Station: 20+9.6 Offset: 4.8R  
Ground Elevation: 369.0 ft

Casing: WB  
Sampler: SS  
Type: WB SS  
I.D.: 4 in 1.38 in  
Hammer Wt: 300 lb. 140 lb.  
Hammer Fall: 30 in. 30 in.  
Hammer/Rod Type: Manual/NW  
Rig: TRUCK MOBILE B-47 CE = 1.0

Groundwater Observations

Date	Depth (ft)	Notes
04/29/13	10.0	

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0-1.2	X X X	A-1-a, f.c. GRAVEL, AND f.c. SAND, trace silt, trace brick, compact, brown, Moist, Rec. = 1.2 ft, (FILL)				19-22-26-15 (48)				
1.2-0.4	X X X	A-1-b, f.c. GRAVEL, Some Silt, Some f.c. Sand, medium compact, gray, Moist, Rec. = 0.4 ft, (FILL)				47-22-8-10 (30)				
5.0-0.7		A-2-4, f.c. SAND, little silt, medium compact, brown, Moist, Rec. = 0.7 ft				8-6-5-4 (11)				
5.0-1.0		A-2-4, Rec. = 1.0 ft, becomes loose				4-3-5-4 (8)				
10.0-1.4		A-1-b, f.c. SAND, trace silt, very loose, brown, Wet, Rec. = 1.4 ft				3-1-2-1 (3)				
10.0-1.1		A-1-b, Rec. = 1.1 ft, turns gray, becomes loose				3-4-4-6 (8)				
15.0-1.0		A-1-b, f.c. SAND, little organics, trace silt, compact, gray, Wet, Rec. = 1.0 ft, Portion of tree branch recovered in sample spoon.				6-5-33-34 (38)				
15.0-0.3		A-1-b, Rec. = 0.3 ft, becomes loose				5-4-5-4 (9)				
15.0-1.4		A-1-b, Rec. = 1.4 ft, turns dark gray				4-4-3-5 (7)				
18.5-19.0		Not Sampled, Advanced rollerbit 18.5 ft to 19.0 ft. Rock core started at 19.0 ft.				Top of Bedrock @ 18.5 ft				
19.0-24.0		19.0 ft - 24.0 ft, Gray, Schist, Close fracture spacing. Moderately hard to hard, Slightly weathered, NXDC, Excellent RQD	R-1	100 (90)	3.4					
24.0-29.0		24.0 ft - 29.0 ft, Gray, Schist, Medium close fracture spacing. Moderately hard to hard, Slightly weathered, NXDC, Good RQD	R-2	96 (82)	3.6					

Hole stopped @ 29.0 ft Remarks: Project performed under CHA project No. 25043.

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.