



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-2  
Page No.: 1 of 1  
Pin No.: 12J170  
Checked By: J. MacGregor

Boring Crew: P. Schofield, K. Owens  
Date Started: 2/15/13 Date Finished: 2/15/13  
VTSPG NAD83: N 835730.62 ft E 1544081.80 ft  
Station: 20+35.0 Offset: 13.0R  
Ground Elevation: 367.0 ft

Casing Sampler  
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 D50 CE = 1.0

Groundwater Observations		
Date	Depth (ft)	Notes
02/15/13	6.0	

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 %
0-4	X X X X X X X X X X X X	A-1-b, f.m.c. GRAVEL, Some Silt, little f.c. sand, trace organics, very compact, brown, Moist, Rec. = 0.6 ft, (FILL) Advanced rollerbit to 4 feet through frost layer.				37-45-50/2" (R)				
4-5		A-4 A-4, Clayey SILT, little f. sand, little f.c. gravel. medium stiff, brn-gry, Moist, Rec. = 0.3 ft				15-4-1-1 (5)				
5-6		A-2-4, f. SAND, Some clayey Silt, very loose, red-brn, Wet, Rec. = 1.4 ft				1-1-1-1 (2)				
6-10		A-4, Clayey SILT, AND f. SAND, little organics, soft, red-brn, Moist, Moderate organic odor observed in sample from 7 to 9.3 feet. A-4, Rec. = 1.0 ft, Becomes medium stiff A-2-4, f. SAND, Some clayey Silt, loose, gray, Wet				4-2-3-4 (5)				
10-15		A-4 A-4, Clayey SILT, Some f.c. Gravel, little f.c. sand, hard, gray, Moist, Rec. = 0.8 ft, (TILL)				9-17-50/6" (R)				
15-16		Not Sampled, Advanced rollerbit 15.5 ft to 16 ft. Rock coring started at 16 ft.				Top of Bedrock @ 15.5 ft				
16-20		16.0 ft - 21.0 ft, Greenish gray, Schist, Medium close fracture spacing, near vertical bedding. Moderately hard, Slightly weathered, NXDC, Excellent RQD	R-1	100 (100)	6					
20-26		21.0 ft - 26.0 ft, NXDC, Similar Rock	R-2	98 (98)	6					
26-26.0		Hole stopped @ 26.0 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.

BORING LOG 25043\_BRO1448\_LOGS.GPJ VERMONT AOT.GDT 5/7/13