

VTTrans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-3				
		FAIRFIELD BRO 1448(41) Elm Brook Road, Fairfield, VT				Page No.: 1 of 1				
						Pin No.: 12J170				
						Checked By: K. Adnams				
Boring Crew: P. LaVossiere, K. Owens		Casing Type: WB		Sampler: N/A		Groundwater Observations				
Date Started: 4/30/13 Date Finished: 4/30/13		I.D.: 4 in		1.38 in		Date Depth Notes				
VTSPG NAD83: N 835792.41 ft E 1544036.42 ft		Hammer Wt: 300 lb		140 lb		04/30/13 None obs.				
Station: 19+59.0 Offset: 4.4R		Hammer Fall: 30 in		30 in						
Ground Elevation: 369.5 ft		Hammer/Rod Type: Manual/NW		Rig: TRUCK MOBILE B-47		C _e = 1.0				
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		Not Sampled, Advanced boring to top of bedrock without soil sampling.								
5										
8		Not Sampled, Casing refusal at 8.0 ft. Advanced roller bit 8.0 ft to 9.0 ft. Rock coring started at 9.0 ft.								
9		9.0 ft - 12.0 ft, Gry-white, Schist, Very close fracture spacing. Medium hard, Severely weathered, NXDC, Poor RQD. Quartz seams embedded within rock core. Core barrel jammed at 12'.	R-1	100 (47)	5.99					
12		12.0 ft - 14.0 ft, NXDC, Similar Rock	R-2	100 (35)	6.99					
14		Hole stopped @ 14.0 ft								
15		Remarks: Project performed under CHA project No. 25043.								
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. C _e 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.										

ABUT 1 BTM.
EL 364.86

EST. PILE TIP
EL 358.5

VTTrans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-4				
		FAIRFIELD BRO 1448(41) Elm Brook Road, Fairfield, VT				Page No.: 1 of 1				
						Pin No.: 12J170				
						Checked By: K. Adnams				
Boring Crew: P. LaVossiere, K. Owens		Casing Type: WB		Sampler: N/A		Groundwater Observations				
Date Started: 4/30/13 Date Finished: 4/30/13		I.D.: 4 in		1.38 in		Date Depth Notes				
VTSPG NAD83: N 835763.81 ft E 1544076.93 ft		Hammer Wt: 300 lb		140 lb		04/30/13 None obs.				
Station: 20+8.8 Offset: 4.8L		Hammer Fall: 30 in		30 in						
Ground Elevation: 369.0 ft		Hammer/Rod Type: Manual/NW		Rig: TRUCK MOBILE B-47		C _e = 1.0				
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		Not Sampled, Advanced boring to top of bedrock without soil sampling.								
5										
10										
15										
17		Not Sampled, Casing refusal at 17.5 ft. Advanced roller bit 17.5 ft to 19.0 ft. Rock coring started at 19.0 ft.								
19		19.0 ft - 24.0 ft, Gray, Schist, Medium close fracture spacing. Medium hard, Slightly weathered, NXDC, Excellent RQD. Quartz seams embedded within rock core.	R-1	92 (92)	5.21					
24		Hole stopped @ 24.0 ft								
25		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. C _e 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.										

ABUT 2 BTM.
EL 362.18

EST. PILE TIP
EL 348.5

PROJECT NAME: FAIRFIELD
PROJECT NUMBER: BRO 1448(41)

FILE NAME: sl2j170bor.dgn
PROJECT LEADER: R. YOUNG
DESIGNED BY: R. KLINEFELTER
BORING LOGS 3

PLOT DATE: 18-AUG-2014
DRAWN BY: K. FRIEDLAND
CHECKED BY: J. SALVATORI
SHEET 54 OF 69