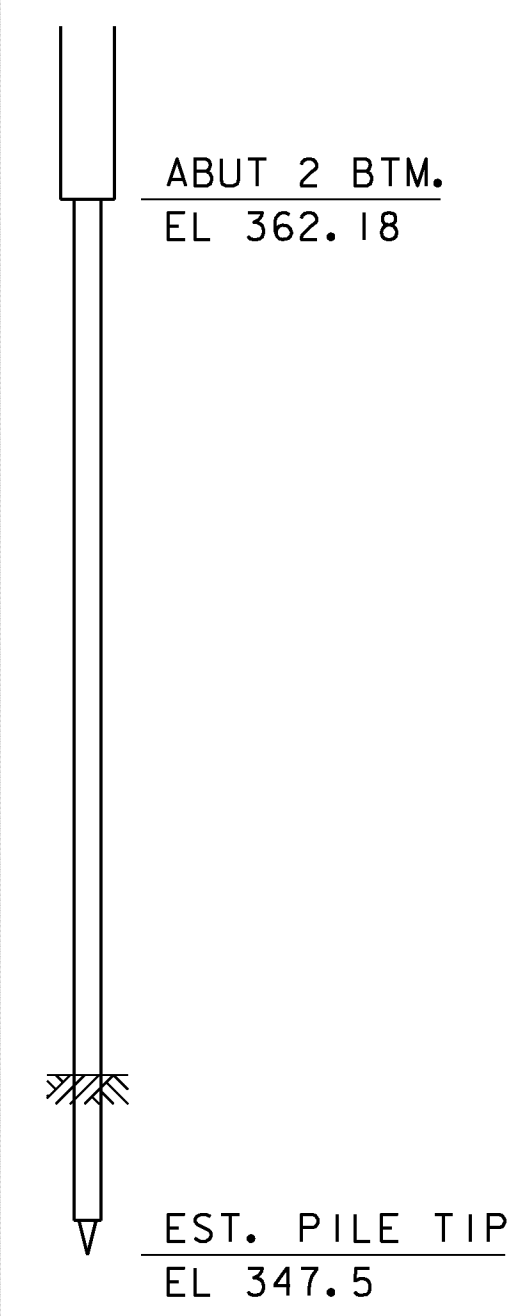


VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-2					
VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		FAIRFIELD BRO 1448(41) Elm Brook Road, Fairfield, VT		Page No.: 1 of 1					
VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		FAIRFIELD BRO 1448(41) Elm Brook Road, Fairfield, VT		Pin No.: 12J170					
VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		FAIRFIELD BRO 1448(41) Elm Brook Road, Fairfield, VT		Checked By: J. MacGregor					
Boring Crew: P. Schofield, K. Owens		Casing: WB		Sampler: SS		Groundwater Observations					
Date Started: 2/15/13		Date Finished: 2/15/13		I.D.: 4 in		Date					
VTSPG NAD83: N 835730.62 ft E 1544081.80 ft		Hammer Wt: 300 lb		140 lb		Depth (ft)					
Station: 20+35.0		Hammer Fall: 30 in		30 in		Notes					
Ground Elevation: 367.0 ft		Hammer/Rod Type: Manual/NW		Rig: TRUCK D50		02/15/13					
		C _e = 1.0									
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate (min/ft)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0-5	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)				
5-10	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)				
10-15	A-2-4, f. SAND , Some clayey Silt, very loose, red-brn, Wet, Rec. = 1.4 ft 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.						1-1-1-1 (2)				
15-20	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)				
20-25	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)				
25-26.0	Not Sampled, Advanced rollerbit 15.5 ft to 16 ft. Rock coring started at 16 ft. 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	Top of Bedrock @ 15.5 ft					
26.0-29.0	21.0 ft - 26.0 ft, NXDC, Similar Rock	R-2		98 (98)	6						
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. 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.											

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-2A					
VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		FAIRFIELD BRO 1448(41) Elm Brook Road, Fairfield, VT		Page No.: 1 of 2					
VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		FAIRFIELD BRO 1448(41) Elm Brook Road, Fairfield, VT		Pin No.: 12J170					
VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		FAIRFIELD BRO 1448(41) Elm Brook Road, Fairfield, VT		Checked By: K. Adams					
Boring Crew: P. LaVossiere, K. Owens		Casing: WB		Sampler: SS		Groundwater Observations					
Date Started: 4/29/13		Date Finished: 4/29/13		I.D.: 4 in		Date					
VTSPG NAD83: N 835756.72 ft E 1544070.03 ft		Hammer Wt: 300 lb		140 lb		Depth (ft)					
Station: 20+9.6		Hammer Fall: 30 in		30 in		Notes					
Ground Elevation: 369.0 ft		Hammer/Rod Type: Manual/NW		Rig: TRUCK MOBILE B-47		04/29/13					
		C _e = 1.0									
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate (min/ft)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0-5	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)				
5-10	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)				
10-15	A-2-4, f.c. SAND , little silt, medium compact, brown, Moist, Rec. = 0.7 ft A-2-4, Rec. = 1.0 ft, becomes loose						8-6-5-4 (11)				
15-20	A-1-b, f.c. SAND , trace silt, very loose, brown, Wet, Rec. = 1.4 ft A-1-b, Rec. = 1.1 ft, turns gray, becomes loose						3-1-2-1 (3)				
20-25	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. A-1-b, Rec. = 0.3 ft, becomes loose A-1-b, Rec. = 1.4 ft, turns dark gray						3-4-4-6 (8)				
25-29.0	Not Sampled, Advanced rollerbit 18.5 ft to 19.0 ft. Rock core started at 19.0 ft. 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	Top of Bedrock @ 18.5 ft					
29.0-34.0	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											
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.											



PROJECT NAME: FAIRFIELD
 PROJECT NUMBER: BRO 1448(41)
 FILE NAME: sl2j170bor.dgn
 PROJECT LEADER: R. YOUNG
 DESIGNED BY: R. KLINEFELTER
 BORING LOGS 2
 PLOT DATE: 18-AUG-2014
 DRAWN BY: K. FRIEDLAND
 CHECKED BY: J. SALVATORI
 SHEET 53 OF 69