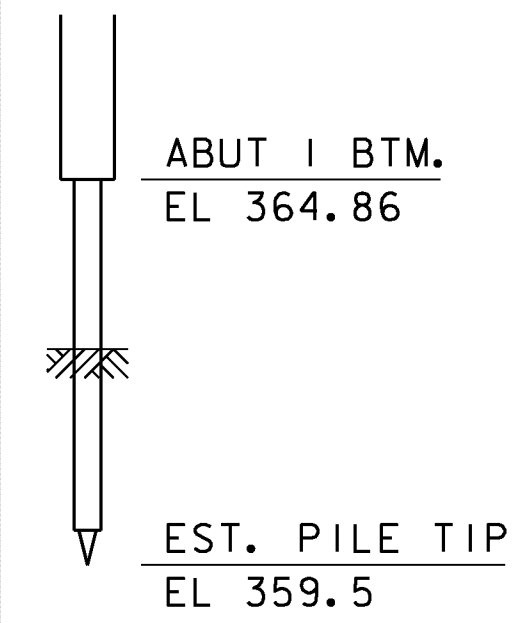


VTTrans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-1						
VTTrans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		FAIRFIELD BRO 1448(41) Elm Brook Road, Fairfield, VT		Page No.: 1 of 1						
VTTrans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		FAIRFIELD BRO 1448(41) Elm Brook Road, Fairfield, VT		Pin No.: 12J170						
VTTrans		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: 2/14/13 Date Finished: 2/14/12		I.D.: 4 in		1.38 in		Date: 02/14/13						
VTSPG NAD83: N 835816.59 ft E 1544031.13 ft		Hammer Wt: 300 lb.		140 lb.		Depth (ft): 6.0						
Station: 19+40.5 Offset: 10.5L		Hammer Fall: 30 in.		30 in.		Notes:						
Ground Elevation: 369.0 ft		Hammer/Rod Type: Manual/NW		Rig: TRUCK D50		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 %	LL %	PI %
0-5	A-1-a	f.c. SAND. Some f.c. Gravel, trace silt, trace organics, very compact, brown, Moist, Rec. = 0.6 ft, (FILL) Rollerbit through frost layer.				38-50/4" (R)						
5-6	A-2-4	A-2-4 f.c. SAND AND SILT, trace organics, loose, brown, Moist, Rec. = 1.7 ft				3-3-2-1 (5)		59.8	40.2			
6-7.5	A-2-4	f. SAND. Some Silt, trace organics, very loose, red-brn, Wet, Rec. = 1.5 ft				1-1-0-1 (1)						
7.5-9	A-4	Clayey SILT. AND f. SAND, trace organics, very soft, brown, Wet				2-2-1-4 (3)	24.8	20.0	80.0	18	1	
9-11	A-4	Rec. = 1.6 ft, Becomes soft										
11-12.5		Not Sampled, Advanced rollerbit 11.0 ft to 12.5 ft. Rock coring started at 12.5 ft.										
12.5-17.5		12.5 ft - 17.5 ft, Greenish gray, Schist, Medium close fracture spacing, near vertical bedding. Hard, Slightly to moderately weathered, NXDC, Excellent RQD. Zones of white-pink quartz embedded within rock core.	R-1	96 (90)	12							
17.5-22.5		17.5 ft - 22.5 ft, Similar Rock. NXDC	R-2	100 (94)	12							
22.5		Hole stopped @ 22.5 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.												

VTTrans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-1A						
VTTrans		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						
VTTrans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		FAIRFIELD BRO 1448(41) Elm Brook Road, Fairfield, VT		Pin No.: 12J170						
VTTrans		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		1.38 in		Date: 04/29/13						
VTSPG NAD83: N 835801.89 ft E 1544041.49 ft		Hammer Wt: 300 lb.		140 lb.		Depth (ft): 9.0						
Station: 19+57.8 Offset: 4.8L		Hammer Fall: 30 in.		30 in.		Notes:						
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 %	LL %	PI %
0-4	A-1-b	f.c. GRAVEL. Some f.c. Sand, little silt, medium compact, brown, Moist, Rec. = 0.9 ft, (FILL)				15-13-9-5 (22)						
4-13	A-1-b	Similar Soil. Rec. = 0.9 ft, (FILL)				4-13-10-13 (23)						
13-12.5	A-4	Clayey SILT. little f.c. gravel, hard, brown, Moist, Rec. = 0.3 ft, Cobble/boulder fragments recovered in shoe of spoon.				12-50/3" (R)						
12.5-7		No Recovery, Rec. = 0.0 ft, Casing refusal at 7.0 ft, interpreted as top of competent bedrock surface.				7-50/2" (R)						
7-9		Not Sampled, Advanced rollerbit 7.0 ft to 9.0 ft. Rock coring started at 9.0 ft.										
9-14		9.0 ft - 14.0 ft, Gray, Schist, Very close fracture spacing. Moderately hard to hard, Moderately to severely weathered, NXDC, Poor RQD. Seams of quartz embedded within rock core.	R-1	100 (28)	4.2							
14-19		14.0 ft - 19.0 ft, Similar Rock. NXDC	R-2	100 (40)	4.81							
19		Hole stopped @ 19.0 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.												



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

FILE NAME: sl2j170bor.dgn
PROJECT LEADER: R. YOUNG
DESIGNED BY: R. KLINEFELTER
BORING LOGS 1

PLOT DATE: 18-AUG-2014
DRAWN BY: K. FRIEDLAND
CHECKED BY: J. SALVATORI
SHEET 52 OF 69