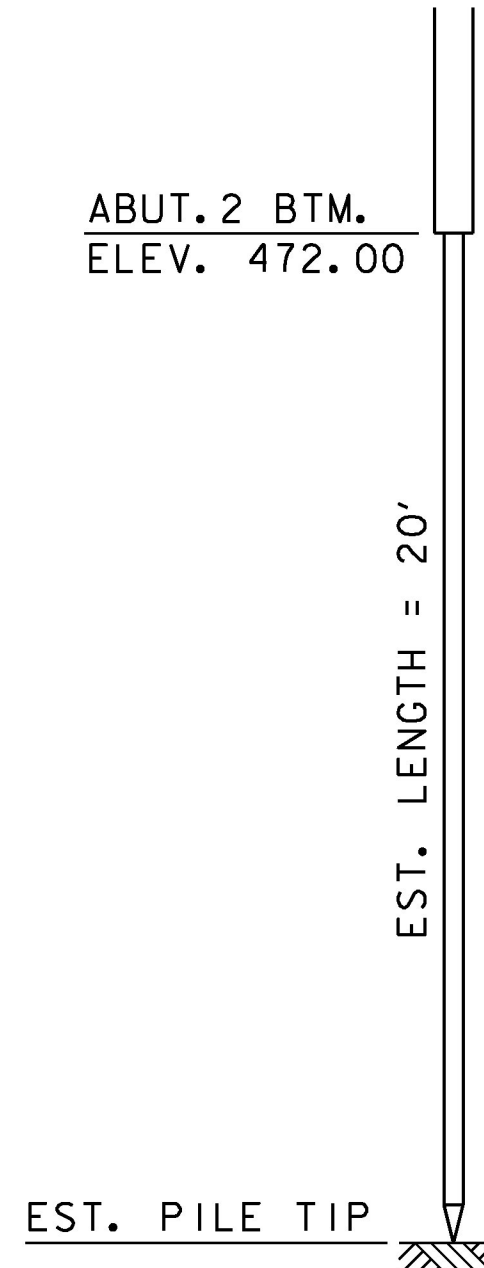


VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: <b>B-103</b>				
				<b>BRADFORD BF 0191(29) VT-25B BR-1</b>		Page No.: 1 of 1				
						Pin No.: 13C054				
						Checked By: BLS				
Boring Crew: GARROW, JUDKINS		Casing Type: WB		Sampler Type: SS		Groundwater Observations				
Date Started: 6/19/14 Date Finished: 6/19/14		I.D.: 4 in		1.5 in		Date Depth (ft) Notes				
VTSPG NAD83: N 542417.70 ft E 1735506.47 ft		Hammer Wt: N.A.		140 lb.		06/20/14 13.1 AM, with casing.				
Station: 15+39 Offset: -20.10		Hammer Fall: N.A.		30 in.						
Ground Elevation: 480.3 ft		Hammer/Rod Type: Auto/AWJ								
		Rig: CME 55 TRACK		C <sub>c</sub> = 1.46						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RCD %)	Drill Rate (min/ft)	Blows/ft* (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft, NXDC, Cobbles 1.3-2.0 ft. Lab Note: Broken Rock was within sample.				1-5-12-6 (17)	5.4	42.9	45.7	11.4
		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.				6-9-14-8 (23)	13.6	38.7	49.3	12.0
		A-1-b, GrSa, brn, Moist, Rec. = 0.4 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.				5-5-12-8 (17)	11.9	41.3	49.0	9.7
		Visual Description: GrSa, brn, Moist, Rec. = 0.1 ft, NXDC, Cleaned out casing. Insufficient sample for testing.				6-9-14-5 (23)	12.1			
10		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft, Cleaned out casing.				3-3-2-3 (5)	24.4	8.3	62.8	28.9
		A-4, SiSa, brn, MTW, Rec. = 0.7 ft				3-1-2-2 (3)	23.4	3.1	58.5	38.4
		A-4, SiSa, brn, MTW, Rec. = 1.2 ft				3-2-2-4 (4)	25.5	1.4	59.0	39.6
15		A-2-4, Sa, brn, Moist, Rec. = 0.7 ft				7-14-20-30 (34)	19.9	11.4	75.1	13.5
		A-1-b, GrSa, brn-orange, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.				26-29-22-18 (51)	10.3	44.8	45.6	9.6
		A-1-b, SaGr, gry, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.				15-14-11-4 (25)	9.9	45.6	42.3	12.1
		A-1-a, SaGr, yel-brn, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.					10.6	64.9	29.7	5.4
20		Field Note: No Recovery				3-2-2-3 (4)				
25		A-2-4, GrSa, gry, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.				1-1-1-R@5.0" (2)	15.0	37.9	42.9	19.2
30		28.3 ft - 33.3 ft. Gray, Micaceous quartzite with thin dark-gray Graphitic Phyllite, fine-grained. Hard, Unweathered, Fair rock, NXMDC, RMR=53	1 (45)	90 (78)	4					
35		33.3 ft - 38.3 ft. Gray, Micaceous quartzite with thin dark-gray Graphitic Phyllite, fine-grained. Hard, Unweathered, Fair rock, NXMDC, RMR=53	2 (45)	100 (88)	3					
40		Hole stopped @ 38.3 ft								
		Remarks: Hole collapsed at 18.7 ft.								



BORING LOG 2 BRADFORD BF 0191(29).GPJ VERMONT AOT.GDT 8/6/14

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<sub>c</sub> is the hammer energy correction factor.  
 3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

PROJECT NAME: BRADFORD	PLOT DATE: 15-SEP-2016
PROJECT NUMBER: BF 0191 (29)	DRAWN BY: G. ROY
FILE NAME: sl3c054bor.dgn	CHECKED BY: M. EVANS-MONGEON
DESIGNED BY: G. ROY	SHEET 26 OF 71
BORING LOGS (3)	