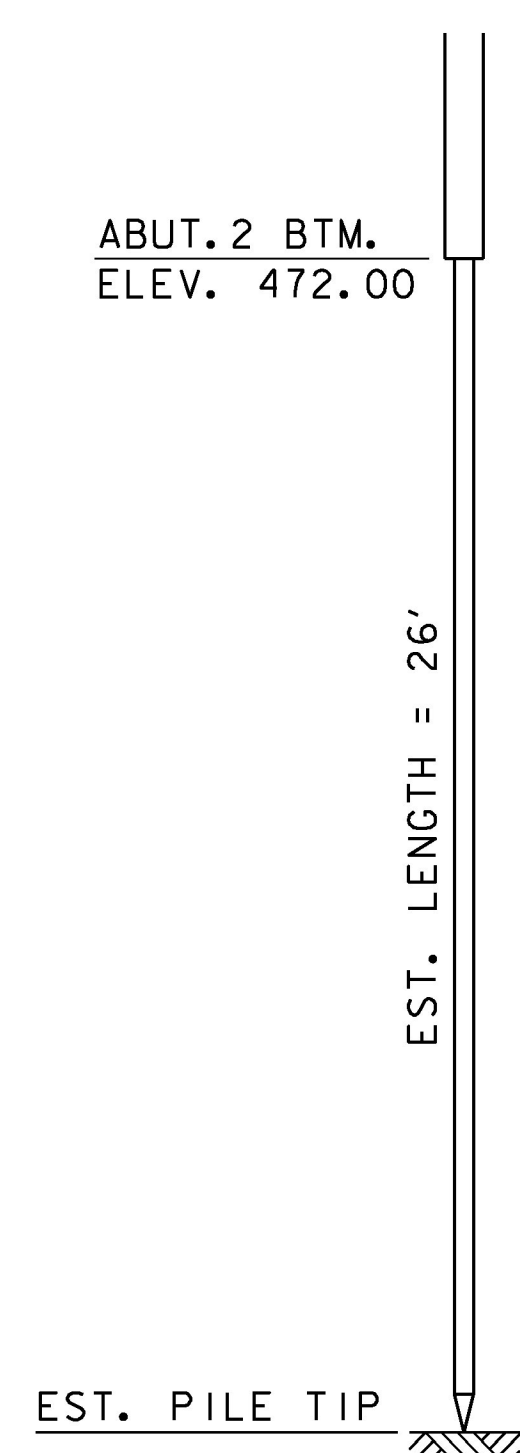
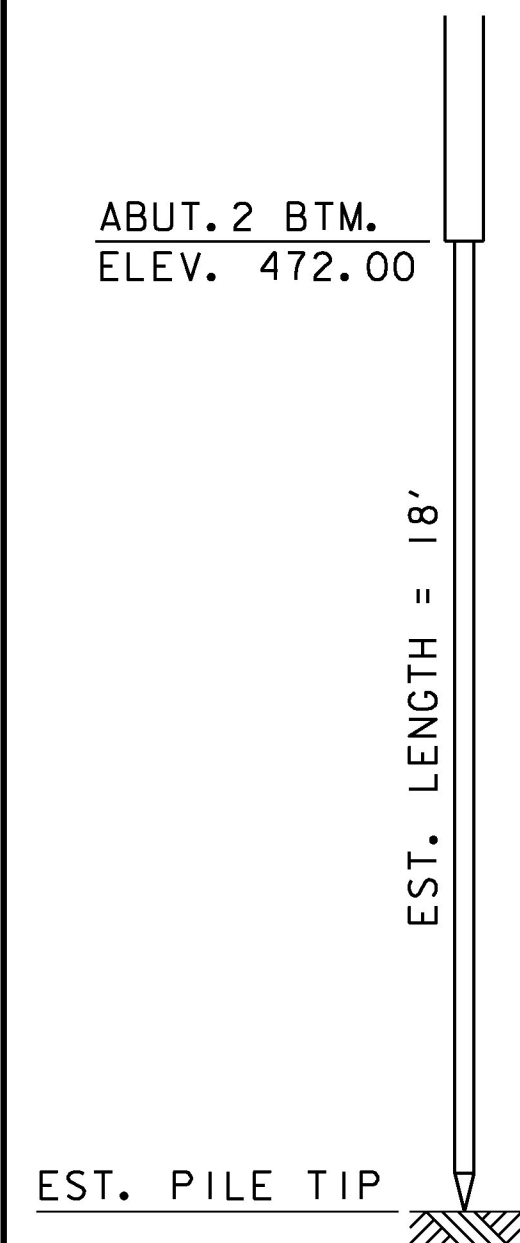


VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION CONSTRUCTION AND MATERIALS BUREAU CENTRAL LABORATORY		BORING LOG		Boring No.: B-205				
				BRADFORD BF 0191(29) VT-25B BR-1		Page No.: 1 of 1				
						Pin No.: 13C054				
						Checked By: MRG				
Boring Crew: JUDKINS, HOOK		Type: WB		Casing: WB		Sampler: SS				
Date Started: 3/09/16 Date Finished: 3/10/16		I.D.: 4 in		Date: 03/09/16		Depth: 14.4				
VTSPG NAD83: N 542405.33 ft E 1735515.33 ft		Hammer Wt: N.A. 140 lb.		Notes: W.T. during drilling						
Station: 15+43 Offset: -7.00		Hammer Fall: N.A. 30 in.		Date: 03/10/16		Depth: 13.6				
Ground Elevation: 480.77 ft		Hammer/Rod Type: Auto/AWJ		Notes: W.T. before drilling						
		Rig: CME 45C SKID C.= Unknown								
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/ft* (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 1.0		Asphalt Pavement, 0.0 ft - 1.0 ft								
26.7 - 31.7		Light gray, Micaceous QUARTZITE, with thin dark gray graphitic phyllite. Rust and light brown staining along joints.. Hard, Very slightly weathered, Poor rock, NX, RMR=36	1 (45-50)	100 (8)	7	7				
31.7 - 36.7		Light gray/green, Micaceous QUARTZITE, with thin graphitic and biotite phyllite laminae transitioning into massive gray QUARTZITE at 34.9 feet. Rust and crystalline calcite along joints.. Hard, Slightly weathered, Fair rock, NX, RMR=49	2 (45)	92 (70)	5	5				
Hole stopped @ 36.7 ft										
Remarks: Hole collapsed at 9.9 feet.										
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 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.										



VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION CONSTRUCTION AND MATERIALS BUREAU CENTRAL LABORATORY		BORING LOG		Boring No.: B-206				
				BRADFORD BF 0191(29) VT-25B BR-1		Page No.: 1 of 1				
						Pin No.: 13C054				
						Checked By: MRG				
Boring Crew: HOOK, GARROW, JUDKINS		Type: WB		Casing: WB		Sampler: SS				
Date Started: 2/10/16 Date Finished: 2/17/16		I.D.: 4 in		Date: 02/11/16		Depth: 13.5				
VTSPG NAD83: N 542398.94 ft E 1735525.20 ft		Hammer Wt: N.A. 140 lb.		Notes: W.T. before drilling						
Station: 15+50 Offset: 5.90		Hammer Fall: N.A. 30 in.		Date: 02/17/16		Depth: 10.5				
Ground Elevation: 480.77 ft		Hammer/Rod Type: Auto/AWJ		Notes: W.T. before drilling						
		Rig: CME 45C SKID C.= Unknown								
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/ft* (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.73		Asphalt Pavement, 0.0 ft - 0.73 ft								
34.6 - 39.6		Light gray, Micaceous QUARTZITE, with thin dark gray graphitic phyllite.. Hard, Unweathered, Fair rock, NX, RMR=44	1 (45)	92 (26)	5	5				
39.6 - 44.6		Light gray, Micaceous QUARTZITE, with thin dark gray graphitic phyllite. Tightly spaced jointing. *Low RQD may be due to mechanical breakage.. Hard, Unweathered, Poor rock, NX, RMR= 39	2 (18-20)	98 (29)	4	4				
Hole stopped @ 44.6 ft										
Remarks: Hole collapsed at 12.0 feet.										
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 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
 PROJECT NUMBER: BF 0191 (29)
 FILE NAME: s13c054bor.dgn PLOT DATE: 15-SEP-2016
 PROJECT LEADER: C. CARLSON DRAWN BY: G. ROY
 DESIGNED BY: G. ROY CHECKED BY: M. EVANS-MONGEON
 BORING LOGS (5) SHEET 28 OF 71