



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 CONSTRUCTION AND
 MATERIALS BUREAU
 CENTRAL LABORATORY

BORING LOG

Fairlee
 STP SCRP(15)
 VT 244 Br. #11

Boring No.: **B-104**

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Pin No.: 16d012

Checked By: MLM

Boring Crew: Nieto, Judkins, Emerson
 Date Started: 7/19/16 Date Finished: 7/19/16
 VTSPG NAD83: N 503743.81 ft E 1724577.91 ft
 Station: 122+23 Offset: -15.00
 Ground Elevation: 498.6 ft

Casing Sampler
 Type: WASH BORE SS
 I.D.: 4 in 1.5 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 45C SKID C = 1.42

Groundwater Observations		
Date	Depth (ft)	Notes
07/19/16	6.4	W.T. after drilling

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 %
		A-1-b, GrSa, brn, Moist, Rec. = 1.4 ft, Lab Note: A small amount of asphalt pavement was within sample				3-5-6-5 (11)	5.8	39.0	50.3	10.7
5		Field Note:, Rollercone, Cleaned out casing Field Note:, No Recovery, Appears to be sand				3-4-3-7 (7)				
10		Field Note:, Rollercone, Cleaned out casing Field Note:, No Recovery, Appears to be sand				6-4-4-5 (8)				
15		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken rock was within sample				4-7-12-12 (19) 5-10-12-11 (22)	12.6	35.4	46.7	17.9
20		18.5 ft - 23.5 ft, Gray, Pyrite bearing PHYLLITE, with quartz veins. Moderately hard, Unweathered, Fair rock, NX, RMR=60	1 (80)	100 (78)	8	Top of Bedrock @ 18.5 ft				
25		Hole stopped @ 23.5 ft Remarks: Hole collapsed at 8.6 feet.			7 9 4 4					

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.