



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

BORING LOG

DUXBURY
BF 013-4(47)
VT 100 Br. #193

Boring No.: **B-103**

Page No.: 1 of 1

Pin No.: 16b001

Checked By: MLM

Boring Crew: WHITLOCK, JUDKINS, NIETO
Date Started: 4/19/16 Date Finished: 4/19/16
VTSPG NAD83: N 664065.06 ft E 1572963.93 ft
Station: 20+95.4 Offset: -11.50
Ground Elevation: 509.9 ft

Type: WB Casing SS Sampler
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 55 TRACK C = 1.41

Groundwater Observations		
Date	Depth (ft)	Notes
04/19/16	12.5	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 %
0.0 - 0.63		Asphalt Pavement, 0.0 ft - 0.63 ft								
0.63 - 1.1		A-1-b, GrSa, Lt/brn, Moist, Rec. = 1.1 ft				10-11-11-10 (22)	5.2	36.0	53.1	10.9
1.1 - 1.2		Field Note:., Cleaned out casing								
1.2 - 1.6		A-2-4, GrSiSa, Lt/brn, Moist, Rec. = 1.2 ft				4-4-6-6 (10)	14.1	20.0	53.5	26.5
1.6 - 1.9		Field Note:., Cleaned out casing								
1.9 - 2.0		A-2-4, Sa, Lt/brn, Moist, Rec. = 1.1 ft				7-6-6-7 (12)	9.6	15.7	70.2	14.1
2.0 - 2.1		Field Note:., Cleaned out casing								
2.1 - 2.9		A-3, Sa, Lt/brn, Moist, Rec. = 0.9 ft				2-2-3-5 (5)	12.4	18.6	71.8	9.6
2.9 - 3.0		Field Note:., Cleaned out casing								
3.0 - 3.2		A-1-a, SaGr, Lt/brn, Moist, Rec. = 2.0 ft, Lab Note: Broken rock was within sample.				15-18-16-14 (34)	8.8	67.6	27.1	5.3
3.2 - 3.3		Field Note:., Cleaned out casing								
3.3 - 3.4		A-1-b, SaGr, gry, Moist, Rec. = 0.7 ft, Lab Note: Broken and weathered rock was within sample.				16-49-R@5.0" (R)	12.3	50.0	30.8	19.2
3.4 - 3.5		Field Note:., NXDC, Cleaned out casing				R@5.0" (R)	10.4	32.8	46.0	21.2
3.5 - 3.9		A-1-b, SiGrSa, gry, Moist, Rec. = 0.4 ft, Lab Note: A lot of broken and weathered rock was within sample.				R@2.5" (R)	8.5	57.4	30.5	12.1
3.9 - 4.0		A-1-a, SaGr, gry, Moist, Rec. = 0.2 ft, Lab Note: Sample consisted entirely of broken and weathered rock.	1 (75-80)	62 (0)	3					
4.0 - 4.1		26.5 ft - 31.5 ft, Dark gray to black, Graphitic PHYLLITE, with siliceous laminae. Rust staining along joints. Medium hard, Slightly weathered, Poor rock, NX, RMR=27			4					
4.1 - 4.2					6					
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