



STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

BORING LOG

MIDDLESEX
BRF 024-1(37)
VT-12 BR-77

Boring No.: B-202

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Pin No.: 10C220

Checked By: NSM

Boring Crew: GARROW, SALISBURY, PORTER

Date Started: 1/26/12 Date Finished: 1/31/12

VTSPG NAD83: N 660793.58 ft E 1619918.87 ft

Station: 29+46.53 Offset: -21.09

Ground Elevation: 724.0 ft

Type: _____ Casing _____ 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 45C TRACK C = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
01/30/12	29.4	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
10		Field Note:, NXDC, Sand, No Recovery. A-1-b, SaGr, brn, Moist, Rec. = 1.2 ft	1-3-5-4 (8)	15.4	41.4	39.7	18.9		
		Field Note:, NXDC, Gravel, No Recovery. A-1-b, GrSa, brn, Moist, Rec. = 1.5 ft	12-20-19-17 (39)	16.0	36.9	45.4	17.7		
		Field Note:, NXDC, Cobbles A-4, Si, gry, Moist, Rec. = 1.5 ft	3-3-2-3 (5)	40.4	0.3	2.2	97.5	38	6
20		A-4, GrSaSi, brn, Moist, Rec. = 1.5 ft	10-11-14-16 (25)	13.3	23.8	35.5	40.7		
		Field Note:, NXDC, Gravel, No Recovery.	16-19-17-15 (36)						
30		Field Note:, NXDC, Cobbles A-1-b, SiGrSa, gry, Moist, Rec. = 1.0 ft, Broken rock was within sample.	8-16-22-R@2.5"	7.5	38.7	39.9	21.4		
		Field Note:, NXDC, Cobbles							
		Field Note:, NXDC, Cobbles A-2-4, GrSiSa, brn, Moist, Rec. = 0.9 ft	5-5-6-8 (11)	13.1	20.1	46.0	33.9		
40		Field Note:, NXDC, Cobbles							
		Field Note:, NXDC, Cobbles							
		A-2-4, SaSiGr (HP), gry, MTD, Rec. = 1.2 ft	32-40-30-R@0.0"	8.5	36.9	27.8	35.3		
50		Field Note:, NXDC, Gravel, No Recovery.							
		A-4, GrSaSi (HP), gry, MTD, Rec. = 0.5 ft	R@6.0"	9.1	20.0	38.7	41.3		
		Hole stopped @ 48.5 ft No Ledge to Depth.							

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.