



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

BORING LOG

LINCOLN
BRF 0188(8)
TH-1 BR-19

Boring No.: B-106
Page No.: 1 of 1
Pin No.: 10J066
Checked By: CCB

Boring Crew: GARROW, WELLS
Date Started: 12/21/11 Date Finished: 12/22/11
VTSPG NAD83: N 583998.83 ft E 1511476.87 ft
Station: 104+00 Offset: -6.00
Ground Elevation: 998.07 ft

Casing Type: WB
Sampler 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 CE = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
12/22/11	11.9	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 1.0 ft								
2.5		A-1-a, SaGr, brn, Wet, Rec. = 1.4 ft				12-10-9-7 (19)	8.5	61.4	29.7	8.9
		A-1-a, Gr, brn, Wet, Rec. = 1.0 ft				10-4-4-2 (8)	7.4	73.4	19.5	7.1
5.0		A-1-a, Gr, gry, Wet, Rec. = 0.2 ft, Washed Stone Fill.				10-7-3-3 (10)	2.3	99.2	0.7	0.1
7.5		A-1-a, SaGr, brn, Wet, Rec. = 1.0 ft, Trace of Wood shavings.				4-R@6.0"	16.4	53.4	35.7	10.9
		Field Note:, NXDC, Cleaned out barrel. Appears to be Sandy Gravel								
10.0		Field Note:, No Recovery. Appears to be Sandy Silt				3-4-5-5 (9)				
		A-2-4, SiGrSa, gry, Wet, Rec. = 1.0 ft, Broken Rock was within sample.				6-7-R@6.0"	15.8	25.2	52.6	22.2
12.5		12.5 ft - 15.5 ft, Gray, Phyllitic Schist, with some quartz veins. Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 52	1 (45)	93 (12)	5					Top of Bedrock @ 12.5 ft
15.0		15.5 ft - 20.5 ft, Gray, Phyllitic Schist, with some quartz veins. Moderately hard, Unweathered, Good rock, NXMDC, Yellow/orange stained joint at 17.95 ft. RMR = 69	2 (45)	100 (96)	8					
17.5					6					
20.0					5					
22.5		20.5 ft - 22.5 ft, Gray, Phyllitic Schist, with quartz veins. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 69	3 (45)	95 (95)	5					
					5					
		Hole stopped @ 22.5 ft								

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 LINCOLN_BRF_0188(B).CPJ VERMONT AOT.GDT 1/17/12