



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

BORING LOG

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

Boring No.: B-104  
Page No.: 1 of 1  
Pin No.: 10J066  
Checked By: CCB

Boring Crew: GARROW, WELLS  
Date Started: 12/22/11 Date Finished: 12/27/11  
VTSPG NAD83: N 583873.44 ft E 1511538.02 ft  
Station: 102+60.4 Offset: -5.50  
Ground Elevation: 999.53 ft

Casing: WB  
Sampler: SS  
Type: WB 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
		No Water to Depth.

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 - 0.7 ft								
2.5		A-1-b, SaGr, brn, Moist, Rec. = 1.7 ft				40-30-18-13 (48)	6.0	49.8	36.8	13.4
5.0		A-1-a, Gr, gry, Wet, Rec. = 0.8 ft				14-15-12-3 (27)	9.4	77.7	17.5	4.8
5.0		A-1-a, SaGr, gry, Dry, Rec. = 1.0 ft				25-17-21-11 (38)	2.6	67.1	20.7	12.2
7.5		A-1-a, SaGr, gry, Moist, Rec. = 1.2 ft				3-4-7-6 (11)	11.8	63.8	26.0	10.2
10.0		Field Note: Stone in sampler. Appears to be Gravel, gry, Wet NXDC, Concrete, 9.2 ft - 11.1 ft				R@2.5"				
12.5		11.1 ft - 15.1 ft, Gray, Phyllitic Schist, with some large quartz veins. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 66	1 (45)	90 (83)	9					
15.0		15.1 ft - 16.1 ft, Gray, Phyllitic Schist, with some large quartz veins. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 62	2 (45)	80 (70)	20					
17.5		Hole stopped @ 16.1 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(8).GPJ VERMONT AOT.GDT 1/17/12