



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

BORING LOG

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

Boring No.: B-105
Page No.: 1 of 1
Pin No.: 10J066
Checked By: CCB

Boring Crew: GARROW, SALISBURY, THOMAS
Date Started: 12/08/11 Date Finished: 12/08/11
VTSPG NAD83: N 583976.61 ft E 1511519.00 ft
Station: 103+61.6 Offset: 22.20
Ground Elevation: 993.58 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
		None taken.

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 %
0.0 - 0.5		A-2-4, GrSiSa with grass & roots, brn, Moist, Rec. = 0.5 ft				WH-WH-WH-2 (WH)	24.8	24.9	48.4	26.7
0.5 - 2.5		A-1-b, SiSaGr, brn, MTD, Rec. = 0.6 ft, Broken Rock was within sample.				7-12-11-10 (23)	7.8	43.7	30.8	25.5
2.5 - 5.0		Visual Classification, SiSa with Broken Rock, brn, Dry, Rec. = 0.2 ft, Insufficient sample for testing. Material similar as 6-8 ft.				9-7-9-5 (16)				
5.0 - 7.5		A-2-4, GrSiSa, brn, MTW, Rec. = 0.9 ft, Broken Rock was within sample.				7-12-12-17 (24)	11.0	26.0	46.9	27.1
7.5 - 9.4		Field Note: NXDC, Cobbles								
9.4 - 12.4		9.4 ft - 12.4 ft, Light gray, Phyllitic Schist, with some quartz veins. Quartz vein at 12.1 to 12.4 ft has slight orange staining along joint. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 71	1 (23)	100 (80)	7	Top of Bedrock @ 9.4 ft				
12.4 - 16.4		12.4 ft - 16.4 ft, Gray, Phyllitic Schist, with some quartz veins. Yellow/orange stained joints at 14.0 to 14.2 feet. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 71	2 (?)	93 (80)	4					
16.4 - 19.4		16.4 ft - 19.4 ft, Gray, Phyllitic Schist, with quartz veins. Orange stained joint at 16.4 feet. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 71	3 (?)	80 (80)	5					
19.4 - 20.0		Hole stopped @ 19.4 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.