



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

BORING LOG

WILLISTON
CMG PARK(29)
VT-2A PARK & RIDE

Boring No.: **B-107**
Page No.: **1 of 1**
Pin No.: **05K166**
Checked By: **MLM**

Boring Crew: JUDKINS, HOOK, HULBERT
Date Started: 8/10/15 Date Finished: 8/19/15
VTSPG NAD83: N 706995.02 ft E 1479315.56 ft
Station: 54+22 Offset: 69.00
Ground Elevation: 461.88 ft

Type: _____ Casing H.S.A. Sampler SS
I.D.: 3.25 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 = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
08/18/15	2.5	Before drilling.
08/19/15	2.4	Before drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 1.0		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft, Lab Note: Topsoil with Broken Rock.	WH-1-11-5 (12)	32.5	43.0	50.3	6.7
1.0 - 2.5		A-4, SaSi, brn, Moist, Rec. = 1.9 ft, Lab Note: A thin layer of clay was noticeable. Sample tested (NP).	3-2-3-3 (5)	14.0	7.4	43.2	49.4
2.5 - 3.9		A-4, SaSi, brn, Moist, Rec. = 1.0 ft	2-3-3-11 (6)	19.4	12.6	38.5	48.9
3.9 - 5.0		A-4, SaSi, brn, MTW, Rec. = 1.0 ft		14.2	11.9	39.6	48.5
5.0 - 7.5		A-4, SaSi, brn, Moist, Rec. = 1.5 ft		20-32-R@6.0" (R)	9.9	11.9	42.9
7.5 - 9.9		A-4, GrSaSi, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.	35-48-12-R@1.0" (60)	10.6	26.7	32.7	40.6
9.9 - 10.0		Field Note:, No Recovery	R@5.0" (R)				
10.0 - 12.5		Field Note:, BX, Boulder. Cleaned out casing					
12.5 - 14.9		A-4, SaSi, gry, Moist, Rec. = 0.9 ft	37-47-R@2.5" (R)	11.3	9.7	37.4	52.9
14.9 - 15.0		A-4, SaSi, gry, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.	45-R@5.0" (R)	8.7	15.0	32.6	52.4
15.0 - 17.5		Hole stopped @ 14.9 ft					
17.5 - 19.0		Remarks: 1. Hole Collapsed at 3.9 ft. 2. Infiltration test performed at 5.0 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. 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.

BORING LOG 2 WILLISTON CMG PARK(29).GPJ VERMONT AOT.GDT 10/8/15