



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-104**
 Page No.: **1 of 1**
 Pin No.: **05K166**
 Checked By: **MLM**

Boring Crew: JUDKINS, HOOK, HULBERT
 Date Started: 8/10/15 Date Finished: 8/18/15
 VTSPG NAD83: N 707165.60 ft E 1479082.99 ft
 Station: 51+43 Offset: -0.90
 Ground Elevation: 455.76 ft

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_s = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 1.2		A-4, SiSa, brn, Moist, Rec. = 1.2 ft, Lab Note: Topsoil with small roots.	WH-1-2-3 (3)	23.1	15.3	43.8	40.9
1.2 - 2.5		A-4, SaSi, orange-brn, Moist, Rec. = 1.4 ft, Lab Note: Broken Rock was within sample.	2-11-4-4 (15)	15.4	13.6	40.6	45.8
2.5 - 5.0		A-4, GrSaSi, white-brn, Moist, Rec. = 1.5 ft, Lab Note: Broken Rock was within sample.	1-7-24-34 (31)	9.3	28.5	31.1	40.4
5.0 - 7.5		A-4, SaSi, gry-brn, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.	45-R@5.0" (R)	7.8	18.5	37.6	43.9
7.5 - 9.1		A-4, SaSi, brn-Lt/brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.	33-48-R@1.0" (R)	8.2	17.6	37.6	44.8
9.1 - 10.0		Hole stopped @ 9.1 ft					
10.0 - 17.5		Remarks: 1. Hole Collapsed at 3.5 ft. 2. Infiltration test performed at 2.0 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_s 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 8/25/15