



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-103**

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Pin No.: 05K166

Checked By: MLM

Boring Crew: JUDKINS, HOOK, HULBERT  
 Date Started: 8/10/15 Date Finished: 8/18/15  
 VTSPG NAD83: N 707272.51 ft E 1479221.47 ft  
 Station: 43+52 Offset: -49.00  
 Ground Elevation: 442.41 ft

Type: \_\_\_\_\_  
 I.D.: \_\_\_\_\_  
 Hammer Wt: \_\_\_\_\_  
 Hammer Fall: \_\_\_\_\_  
 Hammer/Rod Type: \_\_\_\_\_  
 Rig: CME 55 TRACK

Casing H.S.A. Sampler SS  
3.25 in 1.5 in  
N.A. 140 lb.  
N.A. 30 in.  
Auto/AWJ  
C<sub>r</sub> = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
08/10/15		No water to depth.
08/18/15	2.2	Before drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-4, SiSa, Lt/brn, Moist, Rec. = 0.4 ft, Lab Note: Topsoil with small roots & sticks.	WH-1-2-2 (3)	19.6	6.9	54.7	38.4
2.5		A-4, SaSi, Lt/brn, Moist, Rec. = 1.6 ft	2-4-6-7 (10)	17.3	11.8	34.8	53.4
5.0		A-4, GrSaSi, brn, Moist, Rec. = 2.0 ft	11-16-30-48 (46)	10.0	22.2	32.0	45.8
7.5		A-4, SaSi, brn, Moist, Rec. = 1.4 ft	25-38-R@5.0" (R)	10.7	13.6	39.5	46.9
		A-4, SaSi, brn, Moist, Rec. = 0.9 ft	48-R@5.0" (R)	10.4	16.8	36.8	46.4
10.0		Hole stopped @ 8.9 ft					
12.5		Remarks: 1. Hole Collapsed at 3.5 ft. 2. Infiltration test performed at 6.0 ft.					
15.0							
17.5							

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 8/25/15