



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-108**

Page No.: 1 of 1

Pin No.: 05K166

Checked By: MLM

Boring Crew: JUDKINS, HOOK, NIETO

Date Started: 8/04/15 Date Finished: 8/07/15

VTSPG NAD83: N 706991.25 ft E 1479141.41 ft

Station: 4+65 Offset: -1.60

Ground Elevation: 467.47 ft

Type:	Casing	Sampler
I.D.:	H.S.A.	SS
Hammer Wt:	3.25 in	1.5 in
Hammer Fall:	N.A.	140 lb.
Hammer/Rod Type:	N.A.	30 in.
Rig:	Auto/AWJ	
	CME 55 TRACK	C <sub>r</sub> = 1.46

**Groundwater Observations**

Date	Depth (ft)	Notes
08/04/15	8.0	End of day.
08/06/15	8.1	Set for two days.
08/07/15	4.6	After third day.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2.5	[Hatched]	A-4, SiSa, brn, Moist, Rec. = 1.0 ft, Lab Note: Tree roots were within sample.	WH-1-2-3 (3)	24.0	11.3	48.4	40.3
		A-4, SaSi, brn, Moist, Rec. = 1.2 ft, Lab Notes: A very small layer of clay was noticeable. Sample tested (NP). Broken Rock was within sample.	2-3-4-4 (7)	13.5	18.3	33.9	47.8
		A-4, GrSaSi, brn, Moist, Rec. = 2.0 ft, Lab Note: Broken Rock was within sample.	4-4-5-9 (9)	13.0	22.3	34.9	42.8
		A-4, GrSaSi, brn, Moist, Rec. = 1.3 ft, Lab Note: Broken Rock was within sample.	17-45-R@3.5" (R)	10.7	26.7	31.2	42.1
7.5	[Hatched]	A-4, GrSaSi, brn, Dry, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.	42-R@2.5" (R)	7.0	21.5	26.6	51.9
Hole stopped @ 8.7 ft							
10.0		Remarks: Hole collapsed at 6.0 ft.					
12.5							
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