



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-110**

Page No.: 1 of 1

Pin No.: 05K166

Checked By: MLM

Boring Crew: JUDKINS, HOOK, NIETO

Date Started: 7/31/15 Date Finished: 8/04/15

VTSPG NAD83: N 706666.99 ft E 1479347.52 ft

Station: 20+92 Offset: 2.80

Ground Elevation: 487.01 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 _r = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
08/03/15	3.0	Before drilling.
08/04/15	3.5	Augers removed.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2.5 5.0 7.5	[Hatched Pattern]	A-4, GrSaSi, blk-brn, Moist, Rec. = 0.8 ft, Lab Note: Removed tree roots before gradation.	WH-WH-1-1 (1)	36.2	25.9	36.8	37.3
		A-4, SiSa, blk-brn, Moist, Rec. = 1.4 ft, Lab Note: Broken Rock was within sample.	3-3-3-3 (6)	13.1	17.8	45.8	36.4
		A-4, SiSa, brn, Moist, Rec. = 2.0 ft, Lab Note: Broken Rock was within sample.	3-21-29-40 (50)	11.0	16.5	46.7	36.8
		A-4, SiSa, brn, Moist, Rec. = 1.5 ft, Lab Note: Broken Rock was within sample.	20-39-41-R@0.0" (80)	12.5	13.5	49.8	36.7
		A-4, GrSiSa, brn, Moist, Rec. = 1.3 ft, Lab Note: Broken Rock & small Concrete pieces were within sample.	18-49-R@3.5" (R)	6.8	23.0	40.5	36.5
10.0		Hole stopped @ 9.3 ft					
12.5		Remarks: Hole collapsed at 3.8 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 10/8/15