



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-106

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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 707092.95 ft E 1479054.43 ft

Station: 51+43 Offset: 71.60

Ground Elevation: 463.32 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
08/10/15		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 %
2.5		A-4, SaSi, brn, Moist, Rec. = 1.6 ft	WH-1-2-3 (3)	20.7	16.8	35.6	47.6
2.5		A-4, SaSi, brn, Moist, Rec. = 1.8 ft	4-5-7-10 (12)	13.0	13.6	38.1	48.3
5.0		A-4, SaSi, brn, Moist, Rec. = 1.6 ft, Lab Note: Broken Rock was within sample.	13-27-45-R@6.0" (72)	9.5	18.5	34.2	47.3
7.0		Field Note:, No Recovery	R@0.0" (R)				
7.5		Visual Description:, Broken Rock, brn, Moist, Rec. = 0.1 ft	R@3.5" (R)				
10.0		Visual Description:, Broken Rock with sand, brn, Moist, Rec. = 0.1 ft	R@5.0" (R)				
		Hole stopped @ 10.4 ft					
12.5		Remarks: 1. Hole Collapsed at 2.4 ft. 2. Infiltration test performed at 7.0 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.

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