



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-105**

Page No.: 1 of 1

Pin No.: 05K166

Checked By: MLM

Boring Crew: JUDKINS, HOOK, HULBERT
Date Started: 8/10/15 Date Finished: 8/12/15
VTSPG NAD83: N 707074.80 ft E 1479316.15 ft
Station: 53+93 Offset: -0.10
Ground Elevation: 454.49 ft

Type: _____
I.D.: _____
Hammer Wt: _____
Hammer Fall: _____
Hammer/Rod Type: _____
Rig: CME 55 TRACK C = 1.46

Casing H.S.A. Sampler SS
3.25 in 1.5 in
N.A. 140 lb.
N.A. 30 in.
Auto/AWJ

Groundwater Observations

Date	Depth (ft)	Notes
08/10/15		No water to depth.
08/12/15	1.6	Before drilling.
08/12/15		NWTD, After drilling.

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. = 1.6 ft	WH-WH-2-2 (2)	24.6	9.9	51.4	38.7
		A-4, SiSa, brn, MTW, Rec. = 1.2 ft, Lab Note: Sticks & roots were within sample.	3-1-2-3 (3)	17.7	19.3	41.6	39.1
		A-4, SaSi, brn, MTW, Rec. = 1.8 ft	4-5-20-37 (25)	12.1	16.3	37.7	46.0
		A-4, SaSi, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.	45-R@3.5" (R)	10.8	17.1	39.3	43.6
7.5	[Hatched]	A-4, SaSi, brn, Moist, Rec. = 1.2 ft	22-48-R@2.5" (R)	8.1	16.7	34.2	49.1
		A-4, SaSi, brn, Moist, Rec. = 0.9 ft	28-R@5.0" (R)	9.1	11.4	32.1	56.5
12.5	[Hatched]	A-4, SaSi, brn, Moist, Rec. = 0.2 ft	R@5.0" (R)	10.0	8.0	30.5	61.5
		A-4, GrSaSi, gry, Moist, Rec. = 1.2 ft, Lab Note: A small layer of clay was noticeable. Sample tested (NP).	28-47-R@2.5" (R)	7.3	20.6	29.8	49.6
15.0		Hole stopped @ 15.2 ft					
17.5		Remarks: 1. Hole Collapsed at 4.1 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 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