



BORING LOG

RUTLAND CITY
BRF 3000(16)
TH- 8 & 10 BR-2

Boring No.: **B-201**
Page No.: 1 of 2
Pin No.: 94J092
Checked By: MLM

Boring Crew: DAIGNEAULT, HOOK, JUDKINS
Date Started: 4/14/14 Date Finished: 4/28/14
VTSPG NAD83: N 401700.29 ft E 1510015.17 ft
Station: 102+28 Offset: -7.40
Ground Elevation: 526.3 ft

Type: WB Casing SS Sampler
I.D.: 4 in 1.5 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: CME 55 TRACK C = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
04/18/14	0.9	While drilling.
04/28/14	0.4	AM
04/29/14	2.5	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Field Note:, Drilled down to 65 feet and began sampling.								
10										
20										
30										
40										
50										
60										
65		A-4, SaSi, Lt/brn, Moist, Rec. = 0.5 ft, Lab Note: A small layer of clay was noticeable. Broken Rock was within sample.				R@6.0" (R)	11.1	19.6	37.0	43.4
70		Field Note:, NXDC, Cleaned out casing. Visual Description:, Mostly Broken Rock with silty sand, Lt/gry, Moist, Rec. = 0.3 ft				R@5.0" (R)	7.1			
75		Field Note:, NXDC, Cleaned out casing.								

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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Groundwater Observations		
Date	Depth (ft)	Notes
04/18/14	0.9	While drilling.
04/28/14	0.4	AM
04/29/14	2.5	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Field Note:, No Recovery, Artesian condition was present.				R@5.0" (R)				
80		Field Note:, NXDC, Cleaned out casing. A-1-b, SiSaGr, Lt/brn, Moist, Rec. = 0.3 ft, Lab Note: Broken Rock was within sample.				R@3.5" (R)	7.5	40.4	38.4	21.2
90		Field Note:, NXDC, Boulder								
		Field Note:, NXDC, Cleaned out casing. A-1-b, SaGr, Lt/brn, MTW, Rec. = 0.3 ft, Lab Note: Broken Rock was within sample.				R@5.0" (R)	8.0	50.6	29.7	19.7
		Field Note:, NXDC, Cleaned out casing. A-4, SaSt, Lt/brn, Moist, Rec. = 0.2 ft				49-R@1.0" (R)	13.0	18.1	27.7	54.2
100		A-4, GrSaSi, yel-gry, Moist, Rec. = 0.4 ft Field Note:, NXMDC, Boulder				49-R@1.0" (R)	15.5	21.9	29.8	48.3
110		Field Note:, NXMDC, Boulder, with a seam from 108.2' to 110.2'								
		Field Note:, NXMDC, Boulder, Broke through boulder and started sampling. Visual Description:, Mostly Broken Rock with sand, tan, Moist A-4, GrSi, tan, Moist, Rec. = 0.5 ft				41-32-27-R@0.0" (59)	11.1	36.9	18.6	44.5
120		Field Note:, NXDC, Cleaned out casing. A-2-4, SiGrSa, tan, Moist, Rec. = 1.5 ft, Lab Note: Broken Rock was within sample.				27-49-24-R@0.0" (73)	18.1	34.2	36.0	29.8
		A-1-b, SaGr, tan, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.				32-R@3.5"	13.2	41.2	40.0	18.8
130		A-2-4, SaSiGr, tan, Moist, Rec. = 0.3 ft, Mostly Broken Rock w/Sa Si 130.3 ft - 132.1 ft, Light gray, And buff colored, massive Dolomite, with numerous closely spaced jointing. Joint surfaces exhibit iron staining Hard to medium hard, Slightly to moderately weathered, Poor rock, NXMDC, RMR = 24	1 (?)	72 (0)						
		132.1 ft - 136.7 ft, Same as Run #1. NXMDC, RMR = 24	2 (?)	91 (8)						
		136.7 ft - 141.1 ft, Same as Run #1. NXMDC, RMR = 24	3 (?)	50 (0)						
140		Hole stopped @ 141.1 ft								
		Remarks: 1. Hole collapsed at 16.2 ft.								

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