



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING LOG

WESTFIELD
 ER CULV(34)
 VT-242

Boring No.: **B-101**
 Page No.: 1 of 1
 Pin No.: 12C362
 Checked By: CCB

Boring Crew: GARROW, JUDKINS, DAIGNEAULT
 Date Started: 4/04/13 Date Finished: 4/04/13
 VTSPG NAD83: N 877192.38 ft E 1636958.68 ft
 Station: _____ Offset: _____
 Ground Elevation: _____

Type: WB
 I.D.: 4 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 45C SKID C_s = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
04/04/13	3.9	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.6		Asphalt Pavement, 0.0 ft - 0.6 ft					
0.6 - 1.2		A-1-b, GrSa, Dk/brn, Moist, Rec. = 1.2 ft, Lab Note: Some Broken Rock was within sample.	25-22-25-22 (47)	3.9	43.1	44.9	12.0
1.2 - 5.1		Field Note:, NXDC, Cobbles					
5.1 - 11.0		A-1-b, GrSa, Dk/brn, Moist, Rec. = 1.0 ft	3-5-11-6 (16)	11.5	43.1	46.5	10.4
11.0 - 15.1		Field Note:, NXDC, Gr Sa & Weather Rock					
15.1 - 20.5		A-1-a, SaGr, Dk/brn-gry, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.	5-11-12-26 (23)	9.7	66.9	25.1	8.0
20.5 - 23.0		Field Note:, NXDC, Sa Si & weathered Rock					
23.0 - 30.0		A-2-4, SiSaGr, gry, Moist, Rec. = 1.1 ft, Lab Note: Lots of Broken Rock was within sample.	23-30-37-R@1.0" (67)	11.0	41.2	30.8	28.0
30.0 - 37.0		Field Note:, NXDC, Gr Sa Si					
37.0 - 40.5		A-2-4, SiSaGr, gry, Moist, Rec. = 0.5 ft, Lab Note: Some Broken Rock was within sample.	R@6.0"	11.2	44.8	27.7	27.5
40.5 - 20.5		Hole stopped @ 20.5 ft					
20.5 - 25.1		Remarks: Hole collapsed at 5.1 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 WESTFIELD ER CULV(34).GPJ VERMONT AOT.GDT 5/6/13



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BORING LOG

WESTFIELD
 ER CULV(34)
 VT-242

Boring No.: B-102
 Page No.: 1 of 1
 Pin No.: 12C362
 Checked By: CCB

Boring Crew: GARROW, JUDKINS, DAIGNEAULT
 Date Started: 4/04/13 Date Finished: 4/04/13
 VTSPG NAD83: N 877085.25 ft E 1636941.36 ft
 Station: _____ Offset: _____
 Ground Elevation: _____

Casing: WB Sampler: SS
 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 45C SKID C = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
04/04/13	2.8	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.7		Asphalt Pavement, 0.0 ft - 0.7 ft					
0.7 - 5.0		A-1-b, GrSa, Dk/brn, Moist, Rec. = 1.1 ft	16-20-15-14 (35)	9.0	40.1	46.3	13.6
5.0 - 10.0		Field Note:, NXDC, Gr Sa A-1-b, SaGr, Dk/brn, Wet, Rec. = 0.6 ft, Lab Note: Some Broken Rock was within sample.	13-6-3-3 (9)	15.9	48.3	43.3	8.4
10.0 - 15.0		Field Note:, NXDC, Gr Sa Field Note:, No Recovery	5-5-5-4 (10)				
15.0 - 20.0		Field Note:, NXDC, Gr Sa Si A-2-4, GrSiSa, brn-gry, Moist, Rec. = 1.1 ft	15-16-18-13 (34)	13.4	27.8	37.2	35.0
20.0 - 22.0		Field Note:, NXDC A-2-4, SiSaGr, gry, Moist, Rec. = 0.9 ft, Lab Note: Some Broken Rock was within sample.	34-12-12-15 (24)	12.0	38.4	30.9	30.7
22.0 - 25.0		Hole stopped @ 22.0 ft					
25.0 - 30.0		Remarks: Hole collapsed at 3.7 ft.					

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
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 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 WESTFIELD ER CULV(34), GPJ, VERMONT AOT, GDT, 5/6/13