



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

BORING LOG

WESTFIELD
ER CULV(40)
VT-242 BR-6

Boring No.: **B-101**
Page No.: 1 of 1
Pin No.: 12C364
Checked By: CCB

Boring Crew: GARROW, DAIGNEAULT, JUDKINS
Date Started: 3/29/13 Date Finished: 3/29/13
VTSPG NAD83: N 874867.88 ft E 1635922.35 ft
Station: _____ Offset: _____
Ground Elevation: _____

Casing Sampler
Type: WB 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
03/29/13	4.4	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0		Asphalt Pavement, 0.0 ft - 0.6 ft	10-48-R@0.0" (R)	9.4	50.2	37.2	12.6
0.6		A-1-b, SaGr, Dk/brn, Moist, Rec. = 1.1 ft					
5		Field Note:, NXDC, Cobbles					
5		A-1-b, SaGr, Dk/brn, Moist, Rec. = 0.9 ft	3-45-R@3.5" (R)	9.7	48.8	37.9	13.3
10		Field Note:, NXDC, Gravel					
10		Field Note:, One large piece of Broken Rock, gry, Moist, Rec. = 0.1 ft, Rock piece was stuck in sampler.	7-7-5-5 (12)				
15		Field Note:, NXDC, Cobbles					
15		A-1-b, SaGr, Dk/brn, Moist, Rec. = 0.7 ft	10-5-7-6 (12)	10.3	51.1	38.3	10.6
20		Field Note:, NXDC, Cobbles					
20		A-1-a, SaGr, gry, Moist, Rec. = 0.9 ft, Lab Note: Sample was mostly Broken Rock.	25-28-23-15 (51)	12.1	65.1	21.3	13.6
25		Field Note:, NXDC, Sandy Gravel					
25		A-4, Si, Dk/gry, Moist, Rec. = 1.3 ft	12-10-13-16 (23)	23.0	5.8	10.8	83.4
27	Hole stopped @ 27.0 ft						
30	Remarks: Hole collapsed at 6.0 ft.						
35							

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(40).GPJ VERMONT AOT.GDT 5/6/13



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BORING LOG

WESTFIELD
 ER CULV(40)
 VT-242 BR-6

Boring No.: B-102

Page No.: 1 of 1

Pin No.: 12C364

Checked By: CCB

Boring Crew: GARROW, DAIGNEAULT, JUDKINS
 Date Started: 3/29/13 Date Finished: 3/29/13
 VTSPG NAD83: N 874856.53 ft E 1635936.09 ft
 Station: _____ Offset: _____
 Ground Elevation: _____

Type: _____
 I.D.: _____
 Hammer Wt: _____
 Hammer Fall: _____
 Hammer/Rod Type: _____
 Rig: CME 45C SKID C_e = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
03/29/13	8.0	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 A-1-b, GrSa, Dk/brn, Moist, Rec. = 0.8 ft	15- R@6.0" (R)	11.4	41.4	45.7	12.9
5.0 - 5.3		Field Note:, NXDC, Gravelly Sand A-2-4, SiGrSa, Dk/brn, Moist, Rec. = 0.3 ft	R@3.5" (R)	13.3	25.7	49.3	25.0
10.0 - 10.9		Field Note:, NXDC, Gravelly Sand A-4, GrSaSi, Dk/brn, Moist, Rec. = 0.9 ft	3-7-5-5 (12)	16.4	26.4	36.4	37.2
15.0 - 15.8		Field Note:, NXDC, Gravelly Sand A-4, SaSi, Dk/brn, Moist, Rec. = 0.8 ft	5-2-2-4 (4)	21.0	19.0	36.3	44.7
20.0 - 21.2		Field Note:, NXDC, Gravelly Sand A-1-a, SaGr, brn-gry, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.	35-28- 21-15 (49)	11.1	63.4	26.1	10.5
25.0 - 26.5		Field Note:, NXDC, Cobbles A-4, Si, gry, Moist, Rec. = 1.5 ft	5-8-11- 15 (19)	24.2	1.4	5.2	93.4
30.0 - 31.5		Field Note:, NXDC, Gravelly Sand A-2-4, SaSiGr, gry, Moist, Rec. = 1.5 ft	25-18- 45-R (63)	11.1	42.9	27.0	30.1
35.0		Field Note:, NXDC, Refusal at 35 ft. Hole stopped @ 35.0 ft	R@0.0"				
		Remarks: Hole collapsed at 11.0 ft.					

Notes:
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