



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

BORING LOG

JOHNSON  
VT. 100C SLIDE  
VT. 100C MM 0.20

Boring No.: B-101  
Page No.: 1 of 1  
Pin No.: 11X505  
Checked By: CEE

Boring Crew: WERNER, WELLS  
Date Started: 5/26/11 Date Finished: 5/26/11  
VTSPG NAD83: N 778166.38 ft E 1595581.49 ft  
Station: 1+25.0 Offset: -35.30  
Ground Elevation: 540.8 ft

Casing Type: H.S.A. I.D.: 3.25 in  
Sampler Type: SS I.D.: 1.5 in  
Hammer Wt: N.A. Hammer Fall: N.A.  
Hammer/Rod Type: Auto/AWJ  
Rig: CME 45C TRACK CE = 1.34

| Groundwater Observations |            |                 |
|--------------------------|------------|-----------------|
| Date                     | Depth (ft) | Notes           |
|                          |            | See Remarks #4. |
|                          |            |                 |
|                          |            |                 |

| Depth (ft) | Strata (1) | CLASSIFICATION OF MATERIALS (Description)                                                                                                                                                 | Blows/6" (N Value) | Moisture Content % | Gravel % | Sand % | Fines % |
|------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|----------|--------|---------|
|            |            | Field Note:, Asphalt Pavement                                                                                                                                                             |                    |                    |          |        |         |
| 2.5        |            | Field Class:, Gravel                                                                                                                                                                      |                    |                    |          |        |         |
| 5.0        |            | A-4, SiSa, gry-rust, MTW, Rec. = 1.5 ft, Iron colored.                                                                                                                                    | 2-3-3-2 (6)        | 16.6               | 18.2     | 43.6   | 38.2    |
| 7.5        |            |                                                                                                                                                                                           |                    |                    |          |        |         |
| 10.0       |            | A-4, Si, gry, MTW, Rec. = 1.5 ft                                                                                                                                                          | 1-1-1-1 (2)        | 29.8               | 1.0      | 19.2   | 79.8    |
| 12.5       |            |                                                                                                                                                                                           |                    |                    |          |        |         |
| 15.0       |            | A-2-4, SiGrSa, gry, MTW, Rec. = 1.7 ft                                                                                                                                                    | 5-14-14-17 (28)    | 10.7               | 27.7     | 44.9   | 27.4    |
| 15.0       |            | Hole stopped @ 15.0 ft<br>Probable Bedrock at 14.0 ft.                                                                                                                                    |                    |                    |          |        |         |
| 17.5       |            | Remarks:<br>1. Split spoon was sliding off plum at 14.0 ft.<br>2. Sampler believed to be running along ledge after 14.0 ft.<br>3. Probable bedrock at 14.0 ft.<br>4. Mottling at 15.0 ft. |                    |                    |          |        |         |
| 20.0       |            |                                                                                                                                                                                           |                    |                    |          |        |         |
| 22.5       |            |                                                                                                                                                                                           |                    |                    |          |        |         |

BORING LOG 2 JOHNSON VT 100C SLIDE.GPJ VERMONT AOT.GDT 8/17/11

Notes:  
1. Stratification lines represent approximate boundary between material types. Transition may be gradual.  
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor.  
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.



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JOHNSON  
VT. 100C SLIDE  
VT. 100C MM 0.20

Boring No.: B-102  
Page No.: 1 of 1  
Pin No.: 11X505  
Checked By: CEE

Boring Crew: WERNER, WELLS  
Date Started: 5/26/11 Date Finished: 5/26/11  
VTSPG NAD83: N 778180.76 ft E 1595641.00 ft  
Station: 1+86.5 Offset: -35.30  
Ground Elevation: 538.5 ft

Casing Type: H.S.A. Sampler: SS  
I.D.: 3.25 in 1.5 in  
Hammer Wt: N.A. 140 lb.  
Hammer Fall: N.A. 30 in.  
Hammer/Rod Type: Auto/AWJ  
Rig: CME 45C TRACK CE = 1.34

| Groundwater Observations |            |                 |
|--------------------------|------------|-----------------|
| Date                     | Depth (ft) | Notes           |
|                          |            | See Remarks #4. |

| Depth (ft) | Strata (1) | CLASSIFICATION OF MATERIALS (Description)                                                                                                                                                 | Blows/6" (N Value) | Moisture Content % | Gravel % | Sand % | Fines % | LL % | PI % |
|------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|----------|--------|---------|------|------|
|            |            | Field Note:, Asphalt Pavement                                                                                                                                                             |                    |                    |          |        |         |      |      |
| 2.5        |            | Field Class:, Gravel                                                                                                                                                                      |                    |                    |          |        |         |      |      |
| 5.0        |            | A-2-4, GrSiSa, brn, MTW, Rec. = 0.8 ft                                                                                                                                                    | 3-3-3-2<br>(6)     | 9.8                | 22.6     | 51.7   | 25.7    |      |      |
| 7.5        |            |                                                                                                                                                                                           |                    |                    |          |        |         |      |      |
| 10.0       |            | A-4, ClSi, gry, Wet, Rec. = 1.7 ft                                                                                                                                                        | 1-1-1-1<br>(2)     | 25.3               | 11.7     | 30.0   | 58.3    | 29   | 8    |
| 12.5       |            |                                                                                                                                                                                           |                    |                    |          |        |         |      |      |
| 15.0       |            | A-1-b, SiSaGr, gry, MTW, Rec. = 1.2 ft                                                                                                                                                    | 3-10-15-<br>R@0.0" | 10.4               | 44.3     | 32.6   | 23.1    |      |      |
| 15.0       |            | Hole stopped @ 14.5 ft<br>Probable Bedrock at 14.5 ft.                                                                                                                                    |                    |                    |          |        |         |      |      |
| 17.5       |            | Remarks:<br>1. Split spoon was sliding off plum at 14.5 ft.<br>2. Sampler believed to be running along ledge after 14.5 ft.<br>3. Probable bedrock at 14.5 ft.<br>4. Mottling at 14.5 ft. |                    |                    |          |        |         |      |      |
| 20.0       |            |                                                                                                                                                                                           |                    |                    |          |        |         |      |      |
| 22.5       |            |                                                                                                                                                                                           |                    |                    |          |        |         |      |      |

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