

| <b>BORING LOG</b><br>Project Name: <b>Readsboro BRF 0105(3)</b><br>Location: <b>Readsboro, VT</b>   |                |      |                      |                    |                         |                    |       |       |                       |                      |        | Boring No.: <b>B-202A</b><br>Page No.: <b>1 of 1</b><br>File No.: <b>750-09.1</b><br>Checked By: <b>JAG/JEW</b>  |  |  |  |
|---|----------------|------|----------------------|--------------------|-------------------------|--------------------|-------|-------|-----------------------|----------------------|--------|--|--|--|--|
| Boring Company: <b>TransTech Drilling Services</b><br>Foreman: <b>John Leonhardt</b><br>GeoDesign Rep.: <b>Alan Baribault</b><br>Date Started: <b>November 9, 2011</b> Date Finished: <b>November 9, 2011</b><br>N. Coordinate: _____ E. Coordinate: _____<br>Ground Surface Elevation (feet): <b>1191</b><br>Station: _____ Offset: <b>ft</b>                  |                |      |                      |                    |                         |                    |       |       |                       |                      |        | Casing: <b>H.S.A.</b> Sampler: <b>SS</b><br>I.D.: <b>3.25 in.</b> Date: <b>11/9/11, 12:00</b><br>Hammer Wt.: <b>NA</b> 140 lbs. <b>11/9/11, 12:00</b><br>Hammer Fall: <b>NA</b> 30 in. <b>11/9/11, 12:00</b><br>Rig Type: <b>CME 75 ATV</b><br>Hammer Type: <b>Automatic</b> |  | Groundwater Observations<br>Depth (ft) Elev. (ft) Notes<br>_____ _____ _____<br>_____ _____ _____<br>_____ _____ _____ |  |
| Sample Information  |                |      |                      | Strata Description |                         | Sample Description |       |       |                       |                      |        |  |  |  |  |
| Depth (ft)  | Casing Blow/ft | Type | Penetration (inches) | Recovery (inches)  | Blows / 6 inch Interval |                    |       |       | Coring Time (min./ft) | Moisture Content (%) | Symbol | Classification System: <b>Burmister</b>  |  |  |  |
|   |                |      |                      |                    | 0-6                     | 6-12               | 12-18 | 18-24 |                       |                      |        |  |  |  |  |
| 0   |                |      |                      |                    |                         |                    |       |       |                       |                      |        |  |  |  |  |
| 5   | S2             | SS   | 24                   | 5                  | 5                       | 3                  | 2     | 1     | 4                     |                      |        | S2) Very loose, brown to dark brown fine to coarse SAND, some (+) Silt, trace fine to coarse Gravel, trace decomposed Wood, moist.   |  |  |  |
| 10  | S3             | SS   | 24                   | 12                 | 10                      | 5                  | 8     | 9     | 8                     |                      |        | S3) Medium dense, light brown fine to coarse SAND, little fine Gravel, trace Silt (upper 4 inches dark brown SILT and fine to coarse SAND discarded prematurely), moist.   |  |  |  |
| 12  |                |      |                      |                    |                         |                    |       |       |                       |                      |        | Bottom of Exploration at 12.0 ft   |  |  |  |
| 15  |                |      |                      |                    |                         |                    |       |       |                       |                      |        |  |  |  |  |
| 20  |                |      |                      |                    |                         |                    |       |       |                       |                      |        |  |  |  |  |
| 25  |                |      |                      |                    |                         |                    |       |       |                       |                      |        |  |  |  |  |
| 30  |                |      |                      |                    |                         |                    |       |       |                       |                      |        |  |  |  |  |
| Remarks:<br>1) Borehole located 10 feet East of painted centerline, 8 feet North of existing abutment. Elevation approximately 1191 feet based on Mainline Profile.<br>2) Boulder/cobbles inferred at 7 to 8 feet deep based on drilling resistance.<br>3) Augers became crooked after grinding at 7 to 8 feet. Abandon hole and offset 3 feet North to B-202B. |                |      |                      |                    |                         |                    |       |       |                       |                      |        | Boring No.: <b>B-202A</b>  |  |  |  |

BOT. OF FTG.  
 ELEV. 357.0 M  
 ELEV. 1171.26 FT

| <b>BORING LOG</b><br>Project Name: <b>Readsboro BRF 0105(3)</b><br>Location: <b>Readsboro, VT</b>  |                |      |                      |                    |                         |                    |       |       |                       |                      |        | Boring No.: <b>B-202B</b><br>Page No.: <b>1 of 1</b><br>File No.: <b>750-09.1</b><br>Checked By: <b>JAG/JEW</b>  |  |  |  |
|--|----------------|------|----------------------|--------------------|-------------------------|--------------------|-------|-------|-----------------------|----------------------|--------|--|--|--|--|
| Boring Company: <b>TransTech Drilling Services</b><br>Foreman: <b>John Leonhardt</b><br>GeoDesign Rep.: <b>Alan Baribault</b><br>Date Started: <b>November 9, 2011</b> Date Finished: <b>November 9, 2011</b><br>N. Coordinate: _____ E. Coordinate: _____<br>Ground Surface Elevation (feet): <b>1191</b><br>Station: _____ Offset: <b>ft</b> |                |      |                      |                    |                         |                    |       |       |                       |                      |        | Casing: <b>H.S.A.</b> Sampler: <b>SS</b><br>I.D.: <b>3.25 in.</b> Date: <b>11/9/11, 13:00</b><br>Hammer Wt.: <b>NA</b> 140 lbs. <b>11/9/11, 13:00</b><br>Hammer Fall: <b>NA</b> 30 in. <b>11/9/11, 13:00</b><br>Rig Type: <b>CME 75 ATV</b><br>Hammer Type: <b>Automatic</b> |  | Groundwater Observations<br>Depth (ft) Elev. (ft) Notes<br>_____ _____ _____<br>_____ _____ _____<br>_____ _____ _____ |  |
| Sample Information   |                |      |                      | Strata Description |                         | Sample Description |       |       |                       |                      |        |  |  |  |  |
| Depth (ft)   | Casing Blow/ft | Type | Penetration (inches) | Recovery (inches)  | Blows / 6 inch Interval |                    |       |       | Coring Time (min./ft) | Moisture Content (%) | Symbol | Classification System: <b>Burmister</b>  |  |  |  |
|  |                |      |                      |                    | 0-6                     | 6-12               | 12-18 | 18-24 |                       |                      |        |  |  |  |  |
| 0  |                |      |                      |                    |                         |                    |       |       |                       |                      |        |  |  |  |  |
| 5  |                |      |                      |                    |                         |                    |       |       |                       |                      |        |  |  |  |  |
| 10   |                |      |                      |                    |                         |                    |       |       |                       |                      |        |  |  |  |  |
| 15   |                |      |                      |                    |                         |                    |       |       |                       |                      |        |  |  |  |  |
| 20   |                |      |                      |                    |                         |                    |       |       |                       |                      |        |  |  |  |  |
| 25   |                |      |                      |                    |                         |                    |       |       |                       |                      |        |  |  |  |  |
| 30   |                |      |                      |                    |                         |                    |       |       |                       |                      |        |  |  |  |  |
| Remarks:<br>1) Borehole located 10 feet East of painted centerline, 11 feet North of existing abutment. Elevation approximately 1191 feet based on Mainline Profile.<br>2) HSA refusal at 5.5 feet deep on inferred boulder. No samples were taken in this borehole.   |                |      |                      |                    |                         |                    |       |       |                       |                      |        | Boring No.: <b>B-202B</b>  |  |  |  |

BOT. OF FTG.  
 ELEV. 357.0 M  
 ELEV. 1171.26 FT

| <b>BORING LOG</b><br>Project Name: <b>Readsboro BRF 0105(3)</b><br>Location: <b>Readsboro, VT</b>  |                |      |                      |                    |                         |                    |       |       |                       |                      |        | Boring No.: <b>B-202C</b><br>Page No.: <b>1 of 1</b><br>File No.: <b>750-09.1</b><br>Checked By: <b>JAG/JEW</b>   |  |  |  |
|--|----------------|------|----------------------|--------------------|-------------------------|--------------------|-------|-------|-----------------------|----------------------|--------|---|--|--|--|
| Boring Company: <b>TransTech Drilling Services</b><br>Foreman: <b>John Leonhardt</b><br>GeoDesign Rep.: <b>Alan Baribault</b><br>Date Started: <b>November 9, 2011</b> Date Finished: <b>November 9, 2011</b><br>N. Coordinate: _____ E. Coordinate: _____<br>Ground Surface Elevation (feet): <b>1191</b><br>Station: _____ Offset: <b>ft</b> |                |      |                      |                    |                         |                    |       |       |                       |                      |        | Casing: <b>H.S.A.</b> Sampler: <b>SS</b><br>I.D.: <b>3.25 in.</b> Date: <b>11/9/11, 3:55</b><br>Hammer Wt.: <b>NA</b> 140 lbs. <b>11/9/11, 3:55</b><br>Hammer Fall: <b>NA</b> 30 in. <b>11/9/11, 3:55</b><br>Rig Type: <b>CME 75 ATV</b><br>Hammer Type: <b>Automatic</b> |  | Groundwater Observations<br>Depth (ft) Elev. (ft) Notes<br>_____ _____ _____<br>_____ _____ _____<br>_____ _____ _____ |  |
| Sample Information   |                |      |                      | Strata Description |                         | Sample Description |       |       |                       |                      |        |   |  |  |  |
| Depth (ft)   | Casing Blow/ft | Type | Penetration (inches) | Recovery (inches)  | Blows / 6 inch Interval |                    |       |       | Coring Time (min./ft) | Moisture Content (%) | Symbol | Classification System: <b>Burmister</b>   |  |  |  |
|  |                |      |                      |                    | 0-6                     | 6-12               | 12-18 | 18-24 |                       |                      |        |   |  |  |  |
| 0  |                |      |                      |                    |                         |                    |       |       |                       |                      |        |   |  |  |  |
| 5  |                |      |                      |                    |                         |                    |       |       |                       |                      |        |   |  |  |  |
| 10   |                |      |                      |                    |                         |                    |       |       |                       |                      |        |   |  |  |  |
| 15   |                |      |                      |                    |                         |                    |       |       |                       |                      |        |   |  |  |  |
| 20   |                |      |                      |                    |                         |                    |       |       |                       |                      |        |   |  |  |  |
| 25   |                |      |                      |                    |                         |                    |       |       |                       |                      |        |   |  |  |  |
| 30   |                |      |                      |                    |                         |                    |       |       |                       |                      |        |   |  |  |  |
| Remarks:<br>1) Borehole located 10 feet East of painted centerline, 14 feet North of existing abutment. Elevation approximately 1191 feet based on Mainline Profile. Offset 3 feet North from B-202B.<br>2) Hole terminated at 17 feet deep due to crooked auger.  |                |      |                      |                    |                         |                    |       |       |                       |                      |        | Boring No.: <b>B-202C</b>   |  |  |  |

BOT. OF FTG.  
 ELEV. 357.0 M  
 ELEV. 1171.26 FT

PROJECT NAME: **READSBORO**  
 PROJECT NUMBER: **BRF 0105 (3)**  
 FILE NAME: **s89J088bor.dgn** PLOT DATE: **07-MAR-2012**  
 PROJECT LEADER: **J. LACROIX** DRAWN BY: **M. LONGSTREET**  
 DESIGNED BY: **W. PELLETER** CHECKED BY: **S. SCRIBNER**  
 BORING LOG SHEET 10 SHEET **38 OF 90**