## CON-TEC, INC. TEST BORING LOG

PROJECT: BRIDGE OVER MILLER BROOK
LOCATION: STOWE, VT

| | CASING | SAMPLE | CORE |
|---|---|---|---|
| TYPE | HW - NW | SS | |
| SIZE ID | 4" - 3" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 30" | |

| GROUNDWATER | | DEPTH TO | | |
|---|---|---|---|---|
| DATE | TIME | WATER | BOTTOM OF CASING | BOTTOM OF HOLE |
| | | 12' | | |

JOB NO. 20105
HOLE NO. B-1
SHEET 5 OF 5
START DATE 9/21.00
FINISH DATE 9/28.00
DRILLER R. Bourassa
HELPER C.Dean
INSPECTOR

| DEPTH IN FEET | CASING BLOWS PER FOOT | SAMP NO. | SAMPLE DEPTH | SAMPLE BLOWS PER 6INCHES | RECOV. | SOIL DESCRIPTION |
|---|---|---|---|---|---|---|
| | | | | | | Assume BEDROCK 141.5' |
| 145.0' | | | | | | BOTTOM OF BORING 141.5' |

## CON-TEC, INC. TEST BORING LOG

PROJECT: BRIDGE OVER MILLER BROOK
LOCATION: STOWE, VT
EG. ELEV.: 327.21

| | CASING | SAMPLE | CORE |
|---|---|---|---|
| TYPE | HSA | SS | |
| SIZE ID | 4 1/4" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 30" | |

| GROUNDWATER | | DEPTH TO | | |
|---|---|---|---|---|
| DATE | TIME | WATER | BOTTOM OF CASING | BOTTOM OF HOLE |
| | | 12.5 | | |

JOB NO. 20105
HOLE NO. B-2
SHEET 1 OF 2
START DATE 9/28.00
FINISH DATE 9/28.00
DRILLER R. Bourassa
HELPER C.Fournier
INSPECTOR

| DEPTH IN FEET | CASING BLOWS PER FOOT | SAMP NO. | SAMPLE DEPTH | SAMPLE BLOWS PER 6INCHES | RECOV. | SOIL DESCRIPTION |
|---|---|---|---|---|---|---|
| | | | | | | ASPHALT 0.3' |
| | | 1 | 1'-3' | 18-20 | 14" | Lightbrown, dry, dense f/m /c SAND & f/m /c GRAVEL |
| 5.0' | | | | 15-16 | | |
| | | 2 | 5'-7' | 5-7 | 4" | Lightbrown, dry, medium-dense, f/m /c SAND & f/m /c GRAVEL |
| 10.0' | | | | 7-8 | | BOTTOM OF EXIST. FOOTING, ELEV. 317.7 FT. |
| | | 3 | 10'-12' | 9-8 | 8" | Lightbrown, dry, medium-dense, f/m /c SAND & f/m /c GRAVEL, little silt; occasional cobbles |
| 15.0' | | | | 14-19 | | |
| | | 4 | 5'-15.5' | 75+100/4 | 8" | Lightbrown, wet; very dense, f/m /c SAND & f/m /c GRAVEL, little silt; occasional cobbles |
| 20.0' | | | | | | |
| | | 5 | 20'-22' | 14-13 | 16" | Lightbrown & gray, wet; medium-dense, f/SAND & SILT (Layered) |
| 25.0' | | | | 16-18 | | |
| | | 6 | 25'-27' | 8-8 | 20" | Brown-gray, wet; medium-dense SILT, trace f/sand |
| 30.0' | | | | 9-10 | | |
| | | 7 | 30'-32' | 13-9 | 22" | Brown-gray, wet; medium-dense SILT, trace f/sand |
| 35.0' | | | | 11-14 | | |

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PROJECT: BRIDGE OVER MILLER BROOK
LOCATION: STOWE, VT

| | CASING | SAMPLE | CORE |
|---|---|---|---|
| TYPE | HSA | SS | |
| SIZE ID | 4 1/4" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 30" | |

| GROUNDWATER | | DEPTH TO | | |
|---|---|---|---|---|
| DATE | TIME | WATER | BOTTOM OF CASING | BOTTOM OF HOLE |
| | | 12.5' | | |

JOB NO. 20105
HOLE NO. B-2
SHEET 2 OF 2
START DATE 9/28.00
FINISH DATE 9/28.00
DRILLER R. Bourassa
HELPER C.Fournier
INSPECTOR

| DEPTH IN FEET | CASING BLOWS PER FOOT | SAMP NO. | SAMPLE DEPTH | SAMPLE BLOWS PER 6INCHES | RECOV. | SOIL DESCRIPTION |
|---|---|---|---|---|---|---|
| | | 8 | 35'-37' | 12-14 | 20" | Gray, wet; medium-dense SILT, occasional rust brown lenses |
| 40.0' | | | | 11-14 | | |
| | | 9 | 40'-42' | 7-9 | 21" | Gray, wet; medium-dense SILT, occasional rust brown lenses 42.0' |
| 45.0' | | | | 8-11 | | BOTTOM OF BORING 42.0' |

PLOTTED 10/22/2009

DuBois & King inc.
engineering planning management development

# STATE OF VERMONT
## AGENCY OF TRANSPORTATION

| | |
|---|---|
| Town Of STOWE | Bridge No. 3 |
| Highway No. T.H. 1 | Log Sta. / Surv. Sta. |

**MOSCOW ROAD OVER MILLER BROOK**

**BORING LOG SHEET 2**

| | |
|---|---|
| Designed By R.H. BARNES | Drawn By S.J. BIJOLLE |
| Checked By E.P. DETRICK Date 5/09 | Bridge Design Supervisor J.W. TUCKER Date 5/09 |
| PROJECT STOWE | PROJECT NO. BHO 1446 (30) |
| I.G.C. Info. ...\DGN\z99J244bor.dgn | |
| D & K DWG NO. | Sheet 13 of 37 |