




LIMITED SITE DATA  
ATTACHMENT C  
DEEP GEOTECHNICAL BORING LOGS


| EarthTech<br>A Tyco International Ltd. Company            |  |                 | Geotechnical Boring Log |              |                                    |  |      | Boring No.: DB ( 2 )  |               |
|---|--|-----------------|-------------------------|--------------|------------------------------------|--|------|---|---------------|
| PROJECT: Freeman's Bridge PDI                             |  |                 |                         |              | PROJECT No.: 83060.02              |  |      | ET GEOLOGIST: Lucas Benedict  |               |
| CONTRACTOR: Geologic, Inc.                                |  |                 |                         |              | DRILLER: Joe Menzel, Judson Powell |  |      | PAGE: 1 of 2  | DATE: 4/26/05 |
| BORING LOCATION: Northwest Corner of Gravel Paved surface |  |                 |                         |              | SITE LOCATION: Glenville, New York |  |      | SURFACE ELEVATION: NA   |               |
| WATER LEVELS  |  |                 |                         | RIG          | CASING                             | SAMPLER  | CORE | TUBE  |               |
| DATE  | DEPTH  | TIME            | TYPE                    | CME 45C      | Hollow Stem Auger                  | Split Spoon  |      |   |               |
| NA  |  |                 | I.D.                    |              | 3.25"                              | 2"   |      |   |               |
|   |  |                 | WEIGHT                  |              |                                    | 140#   |      |   |               |
|   |  |                 | FALL                    |              |                                    | 30"  |      |   |               |
| Depth<br>(ft) bgs   | Penetrometer<br>(T/ft <sup>2</sup> ;KG/cm <sup>2</sup> ) | Blows<br>per/6" | Recovery<br>(feet)      | PID<br>(ppm) | Temp.<br>(°F)                      | SAMPLE DESCRIPTION AND STRATUM CHANGES   |      | REMARKS   |               |
| 0   |  | 10              | 1.0'/2.0'               |              |                                    | 0.0'-0.2' Loose, Moist, Grey/Brown, Coarse to Fine Gravel, Little Coarse to Fine Sand                          |      | Asphalt Surface and Subbase Material                                |               |
| 1   |  | 8               |                         |              |                                    | 0.2'-0.6' Soft, Moist, Brown, Coarse to Fine Sand, Some Coarse to Fine Gravel                                  |      |   |               |
| 2   |  | 9               |                         |              |                                    | 0.6'-0.7' Loose, Moist, Black, Coarse to Fine Gravel   |      | Asphalt   |               |
| 3   |  | 7               | 0.2'/2.0'               |              |                                    | 0.7'-1.0' Loose, Moist, Brown/Dark Grey, Coarse to Fine Gravel, Trace Medium to Fine Sand, Trace Silt and Clay |      | Fill Material   |               |
| 4   |  | 12              |                         |              |                                    | 2.0'-2.2' Loose, Dry, Grey/Light Grey, Coarse to Fine Gravel   |      | Sluff; Fill Material  |               |
| 5   |  | 5               | 0.1'/2.0'               |              |                                    | 4.0'-4.1' Loose, Dry, Grey/Light Grey, Coarse Gravel   |      | Sluff; 2 pieces of Gravel Fill Material                             |               |
| 6   |  | 3               |                         |              |                                    |  |      |   |               |
| 7   | 1.25   | 3               | 2.0'/2.0'               |              |                                    | 6.0'-6.4' Medium-Stiff, Moist, Black, Clayey Silt, Trace Fine Sand, Trace Fine Gravel                          |      | 6.0'-6.6' Interpreted as Sluff; Strong odor from 6.0'-6.4'          |               |
| 8   | 0.5  | 4               |                         |              |                                    | 6.4'-6.6' Loose, Moist, Grey, Coarse to Fine Gravel, Coarse to Fine Sand, Trace (-) Silt and Clay              |      |   |               |
| 9   |  | 3               |                         |              |                                    | 6.6'-8.0' Soft, Moist, Brown/Grey Mottled, Clayey Silt   |      | Interpreted as Sluff  |               |
| 10  | 0.75@9.0'  | 1               | 1.8'/2.0'               |              |                                    | 8.0'-8.2' Loose, Moist, Grey/Brown, Coarse to Fine Gravel, Trace Medium to Fine Sand, Trace Silt and Clay      |      |   |               |
| 11  |  | 1               |                         |              |                                    | 8.2'-9.8' Soft, Moist, Grey/Brown Mottled, Clayey Silt   |      | Interpreted as Sluff  |               |
| 12  | <0.5@10.9'   | 2               | 1.2'/2.0'               |              |                                    | 10.0'-10.4' Same as Above  |      |   |               |
| 13  |  | 1               |                         |              |                                    | 10.4'-10.5' Loose, Moist, Coarse to Fine Sand, Trace Coarse to Fine Gravel                                     |      | Interpreted as Sluff  |               |
| 14  | 1.0  | 6               |                         |              |                                    | 10.5'-11.2' Very Soft, Wet, Dark Grey, Clay  |      |   |               |
| 15  | <0.5   | 1               | 1.7'/2.0'               |              |                                    | 12.0'-12.9' Stiff, Wet, Brown/Grey Mottled, Clayey Silt, Trace Fine Gravel                                     |      | Interpreted as Sluff  |               |
| 16  |  | 2               |                         |              |                                    | 12.9'-13.7' Very Soft, Saturated, Dark Grey, Coarse to Fine Sand, Trace (-) Coarse and Fine Gravel             |      |   |               |
| 17  |  | 3               |                         |              |                                    | 14.0'-14.9' Very Soft, Saturated, Dark Brown/Grey, Coarse to Fine Sand, Trace Medium to Fine Gravel            |      | Drillers noted that the interval from 14.0'-18.0' bgs was "Crunchy" |               |
| 18  |  | 2               | 1.9'/2.0'               |              |                                    | 14.9'-15.9' Loose, Wet, Brown, Coarse to Fine Sand, Some Coarse to Fine Gravel                                 |      |   |               |
| 19  |  | 14              |                         |              |                                    |  |      |   |               |
| 20  |  | 14              |                         |              |                                    |  |      |   |               |
| 21  | <0.5   | 5               | 1.4'/2.0                |              |                                    | 20.0'-20.6' Very Soft, Saturated, Dark Grey, Coarse to Fine Sand, Trace Medium to Fine Gravel                  |      |   |               |
| 22  | <0.5   | 5               |                         |              |                                    | 20.6'-21.4' Soft, Wet, Tan/Light Brown, Coarse to Fine Sand  |      |   |               |


|   |  |                 |                                |                                    |                   |  |                             |               |
|---|--|-----------------|--------------------------------|------------------------------------|-------------------|--|-----------------------------|---------------|
|  |  |                 | <b>Geotechnical Boring Log</b> |                                    |                   |  | <b>Boring No.: DB ( 2 )</b> |               |
| PROJECT: Freeman's Bridge PDI   |  |                 |                                | PROJECT No.: 83060.02              |                   | ET GEOLOGIST: Lucas Benedict   |                             |               |
| CONTRACTOR: Geologic, Inc.  |  |                 |                                | DRILLER: Joe Menzel, Judson Powell |                   | PAGE: 2 of 2   |                             | DATE: 4/26/05 |
| BORING LOCATION: Northwest Corner of Gravel Paved surface                         |  |                 |                                | SITE LOCATION: Glenville, New York |                   | SURFACE ELEVATION: NA  |                             |               |
| WATER LEVELS  |  |                 |                                | RIG                                | CASING            | SAMPLER  | CORE                        | TUBE          |
| DATE  | DEPTH  | TIME            | TYPE                           | CME 45C                            | Hollow Stem Auger | Split Spoon  |                             |               |
| NA  |  |                 | I.D.                           |                                    | 3.25"             | 2"   |                             |               |
|   |  |                 | WEIGHT                         |                                    |                   | 140#   |                             |               |
|   |  |                 | FALL                           |                                    |                   | 30"  |                             |               |
| Depth<br>(ft) bgs   | Penetrometer<br>(T/ft <sup>2</sup> ;KG/cm <sup>2</sup> ) | Blows<br>per/6" | Recovery<br>(feet)             | PID<br>(ppm)                       | Temp.<br>(°F)     | SAMPLE DESCRIPTION AND STRATUM CHANGES   |                             | REMARKS       |
| 22  |  |                 |                                |                                    |                   | 25.0'-26.6' Soft, Saturated, Black, Coarse to Fine Sand, Some Coarse to Fine Gravel  |                             |               |
| 23  |  |                 |                                |                                    |                   |  |                             |               |
| 24  |  |                 |                                |                                    |                   |  |                             |               |
| 25  | <0.5   | 6               | 1.6'/2.0'                      |                                    |                   |  |                             |               |
| 26  |  | 12              |                                |                                    |                   | 30.0'-30.7' Soft, Saturated, Brown, Coarse to Fine Sand<br>30.7'-31.2' Soft, Wet, Black, Coarse to Fine Sand, Some Coarse to Fine Gravel   |                             |               |
| 27  |  | 17              |                                |                                    |                   |  |                             |               |
| 28  |  | 15              |                                |                                    |                   |  |                             |               |
| 29  |  |                 |                                |                                    |                   |  |                             |               |
| 30  | <0.5   | 12              | 1.2'/2.0'                      |                                    |                   | 36.0'-36.2' Soft, Saturated, Brown, Coarse to Fine Sand<br>36.2'-38.0' Soft, Wet, Black, Coarse to Fine Sand, Little Coarse to Fine Gravel |                             |               |
| 31  |  | 12              |                                |                                    |                   |  |                             |               |
| 32  |  | 10              |                                |                                    |                   |  |                             |               |
| 33  |  | 10              |                                |                                    |                   |  |                             |               |
| 34  |  |                 |                                |                                    |                   | 40.0'-41.9' Same as Above  |                             |               |
| 35  |  | 12              | 2.0'/2.0'                      |                                    |                   |  |                             |               |
| 36  |  | 14              |                                |                                    |                   |  |                             |               |
| 37  |  | 18              |                                |                                    |                   |  |                             |               |
| 38  |  | 17              |                                |                                    |                   |  |                             |               |
| 39  |  |                 |                                |                                    |                   |  |                             |               |
| 40  |  |                 |                                |                                    |                   |  |                             |               |
| 41  |  | 15              | 1.9'/2.0'                      |                                    |                   |  |                             |               |
| 42  |  | 6               |                                |                                    |                   |  |                             |               |
| 43  |  | 8               |                                |                                    |                   |  |                             |               |
| 44  |  | 10              |                                |                                    |                   |  |                             |               |
|   |  |                 |                                |                                    |                   |  |                             |               |

| EarthTech<br>A Tyco International Ltd. Company               |  |                 |                    | Geotechnical Boring Log |                                    |   |             |      | Boring No.: DB ( 3 ) |                              |  |
|--|--|-----------------|--------------------|-------------------------|------------------------------------|---|-------------|------|----------------------|------------------------------|--|
| PROJECT: Freeman's Bridge PDI                                |  |                 |                    |                         | PROJECT No.: 83060.02              |   |             |      |                      | ET GEOLOGIST: Lucas Benedict |  |
| CONTRACTOR: Geologic, Inc.                                   |  |                 |                    |                         | DRILLER: Joe Menzel, Judson Powell |   |             |      |                      | PAGE: 1 of 1                 | DATE: 4/28/05  |
| BORING LOCATION: Approx. 300' West of building along roadway |  |                 |                    |                         | SITE LOCATION: Glenville, New York |   |             |      |                      | SURFACE ELEVATION: NA        |  |
| WATER LEVELS   |  |                 |                    |                         | RIG                                | CASING  | SAMPLER     | CORE |                      | TUBE                         |  |
| DATE   | DEPTH  | TIME            | TYPE               |                         | CME 45C                            | Hollow Stem Auger   | Split Spoon |      |                      |                              |  |
| NA   |  |                 | I.D.               |                         |                                    | 3.25"   | 2"          |      |                      |                              |  |
|  |  |                 | WEIGHT             |                         |                                    |   | 140#        |      |                      |                              |  |
|  |  |                 | FALL               |                         |                                    |   | 30"         |      |                      |                              |  |
| Depth<br>(ft) bgs  | Penetrometer<br>(T/ft <sup>2</sup> ;KG/cm <sup>2</sup> ) | Blows<br>per/6" | Recovery<br>(feet) | PID<br>(ppm)            | Temp.<br>(°F)                      | SAMPLE DESCRIPTION AND STRATUM CHANGES  |             |      |                      |                              | REMARKS  |
| 0  | 2.5  | 6               | 1.4'/2.0'          |                         |                                    | 0.0'-0.7' Stiff, Moist, Brown, Coarse to Fine Sand, Some (+) Medium to Fine Gravel, Trace Clay and Silt                             |             |      |                      |                              | Some Roots   |
| 1  | 2.0  | 9               |                    |                         |                                    | 0.7'-1.1' Stiff, Moist, Dark Brown, Clayey Silt, Less Coarse to Fine Sand, Trace Medium to Fine Gravel                              |             |      |                      |                              |  |
|  | >4.5   | 9               |                    |                         |                                    |   |             |      |                      |                              |  |
| 2  |  | 6               |                    |                         |                                    |   |             |      |                      |                              |  |
|  | 1.25   | 4               | 1.3'/2.0'          |                         |                                    | 1.1'-1.4' Very Stiff-Hard, Red/Blue   |             |      |                      |                              | Hard Resin or Dried Paint; Strong Odor                   |
| 3  | 1.25   | 3               |                    |                         |                                    | 2.0'-2.6' Medium Stiff, Moist, Dark Grey/Dark Brown, Clayey Silt, Trace Medium to Fine Gravel                                       |             |      |                      |                              | 2.0'-2.6' Wood Cinders at Bottom of interval             |
|  | 1.25   | 3               |                    |                         |                                    |   |             |      |                      |                              |  |
| 4  | <0.5   | 3               |                    |                         |                                    | 2.6'-3.1' Medium Stiff, Moist, Dark Brown, Clayey Silt  |             |      |                      |                              |  |
|  | <0.5   | 2               | 2.0'/2.0'          |                         |                                    | 3.1'-3.3' Very Soft, Wet, Brown, Medium to Fine Sand  |             |      |                      |                              |  |
| 5  | 1.25   | 3               |                    |                         |                                    | 4.0'-4.1' Soft, Moist to Damp, Dark Grey/Dark Brown, Clayey Silt  |             |      |                      |                              | Interpreted as Sluff                                     |
|  | <0.5   | 2               |                    |                         |                                    | 4.1'-4.7' Very Soft, Wet, Brown, Medium to Fine Sand  |             |      |                      |                              |  |
| 6  |  | 2               |                    |                         |                                    | 4.7'-5.2' Medium Stiff, Moist to Damp, Brown, Clayey Silt   |             |      |                      |                              |  |
|  | <0.5   | W.O.H.          | 2.0'/2.0'          |                         |                                    | 5.2'-5.6' Very Soft, Wet, Brown/Tan Mottled, Medium to Fine Sand, Less Clay and Silt  |             |      |                      |                              | 5.2'-5.6' Becomes Softer / Moisture Increases with Depth |
| 7  |  | 1               |                    |                         |                                    | 6.0'-6.4' Loose, Moist, Brown/Red, Medium to Fine Sand, Some Medium to Fine Gravel, Less (+) Clay and Silt                          |             |      |                      |                              | 6.0'-6.4' Interpreted as Sluff                           |
|  |  | 1               |                    |                         |                                    |   |             |      |                      |                              |  |
| 8  | 2.25   | W.O.H.          | 1.9'/2.0'          |                         |                                    | 6.4'-6.5' Soft, Moist to Damp, Brown/Tan/Grey Mottled, Clayey Silt  |             |      |                      |                              |  |
|  |  | W.O.H.          |                    |                         |                                    | 6.5'-7.1' Very Soft, Wet, Brown/Tan Mottled, Medium to Fine Sand, Less Clay and Silt  |             |      |                      |                              |  |
| 9  |  | 2               |                    |                         |                                    |   |             |      |                      |                              |  |
|  |  | 1               |                    |                         |                                    | 7.1'-8.0' Very Soft, Wet to Saturated, Black/Dark Grey, Medium to Fine Sand, Less Clay and Silt                                     |             |      |                      |                              |  |
| 10   | 0.5  | W.O.H.          | 2.0'/2.0'          |                         |                                    | 8.0'-8.1' Stiff, Moist, Brown with bits of Red, Clayey Silt   |             |      |                      |                              | Interpreted as Sluff                                     |
|  |  | W.O.H.          |                    |                         |                                    | 8.1'-8.9' Very Soft, Wet, Brown, Medium to Fine Sand, Less Clay and Silt  |             |      |                      |                              |  |
| 11   |  | W.O.H.          |                    |                         |                                    |   |             |      |                      |                              |  |
|  |  | W.O.H.          |                    |                         |                                    | 8.9'-9.9' Soft, Wet to Saturated, Brown, Medium to Fine Sand, Less Clay and Silt  |             |      |                      |                              |  |
| 12   |  |                 |                    |                         |                                    | 10.0'-10.5' Soft, Moist to Damp, Brown/Grey/with bits of Red, Clayey Silt, Less Medium to Fine Sand                                 |             |      |                      |                              | Interpreted as Sluff                                     |
| 13   |  |                 |                    |                         |                                    | 10.5'-12.0' Very Soft, Wet to Saturated, Dark Brown, Medium to Fine Sand, Less Clay and Silt  |             |      |                      |                              |  |
| 14   |  |                 |                    |                         |                                    |   |             |      |                      |                              |  |
| 15   |  | 8               | 2.0'/2.0'          |                         |                                    | 15.0'-15.6' Very Soft, Wet to Saturated, Dark Grey/Dark Brown, Coarse to Fine Sand, Less Medium to Fine Gravel, Trace Clay and Silt |             |      |                      |                              | Interpreted as Sluff                                     |
|  |  | 31              |                    |                         |                                    |   |             |      |                      |                              | Glacial Till; Interval of Cobbles from 16.7'-16.9' bgs   |
| 16   |  | 63              |                    |                         |                                    |   |             |      |                      |                              |  |
|  |  | 66              |                    |                         |                                    | 15.6'-17.0' Very Stiff-Hard, Dry, Dark Grey/Black, Clay and Silt  |             |      |                      |                              |  |
| 17   |  |                 |                    |                         |                                    |   |             |      |                      |                              |  |
| 18   |  |                 |                    |                         |                                    |   |             |      |                      |                              |  |
| 19   |  | 21              | 2.0'/2.0'          |                         |                                    | 19.0'-19.1' Loose, Moist to Wet, Dark Grey, Coarse to Fine Sand   |             |      |                      |                              | Interpreted as Sluff                                     |
|  |  | 41              |                    |                         |                                    | 19.1'-21.0' Very Stiff-Hard, Dry, Dark Grey/Black, Clay and Silt, Trace Fine Gravel   |             |      |                      |                              | Glacial Till   |
| 20   |  | 44              |                    |                         |                                    |   |             |      |                      |                              |  |
|  |  | 52              |                    |                         |                                    |   |             |      |                      |                              |  |
| 21   |  |                 |                    |                         |                                    |   |             |      |                      |                              |  |
| 22   |  |                 |                    |                         |                                    |   |             |      |                      |                              |  |

|  |  |                 | Geotechnical Boring Log |                                    |                   |   | Boring No.: DB ( 3B ) |  |
|---|--|-----------------|-------------------------|------------------------------------|-------------------|---|-----------------------|--|
| PROJECT: Freeman's Bridge PDI   |  |                 |                         | PROJECT No.: 83060.02              |                   | ET GEOLOGIST: Lucas Benedict  |                       |  |
| CONTRACTOR: Geologic, Inc.  |  |                 |                         | DRILLER: Joe Menzel, Judson Powell |                   | PAGE: 1 of 2  |                       | DATE: 4/28/05                            |
| BORING LOCATION: ~100-150' West of building along roadway                         |  |                 |                         | SITE LOCATION: Glenville, New York |                   | SURFACE ELEVATION: NA   |                       |  |
| WATER LEVELS  |  |                 | RIG                     |                                    | CASING            | SAMPLER   | CORE                  | TUBE                                     |
| DATE  | DEPTH  | TIME            | TYPE                    | CME 45C                            | Hollow Stem Auger | Split Spoon   |                       |  |
| NA  |  |                 | I.D.                    |                                    | 3.25"             | 2"  |                       |  |
|   |  |                 | WEIGHT                  |                                    |                   | 140#  |                       |  |
|   |  |                 | FALL                    |                                    |                   | 30"   |                       |  |
| Depth<br>(ft) bgs   | Penetrometer<br>(T/ft <sup>2</sup> ;KG/cm <sup>2</sup> ) | Blows<br>per/6" | Recovery<br>(feet)      | PID<br>(ppm)                       | Temp.<br>(°F)     | SAMPLE DESCRIPTION AND STRATUM CHANGES  |                       | REMARKS                                  |
| 0   |  |                 |                         |                                    |                   |   |                       |  |
| 1   |  |                 |                         |                                    |                   |   |                       |  |
| 2   |  |                 |                         |                                    |                   |   |                       |  |
| 3   |  |                 |                         |                                    |                   |   |                       |  |
| 4   |  |                 |                         |                                    |                   |   |                       |  |
| 5   | 1.25   | 1               | 2.0'/2.0'               |                                    |                   | 5.0'-5.5' Medium Stiff (1.25), Moist, Dark Brown/Black/Dark Grey, Clayey Silt, Some Coarse to Fine Gravel, Little Coarse to Fine Sand |                       | Interpreted as Sluff                     |
| 6   | 1.0  | 2               |                         |                                    |                   | 5.5'-6.0' Medium Stiff (1.0), Moist to Damp, Brown/Grey Mottled, Clayey Silt  |                       |  |
| 7   | <0.5   | 1               |                         |                                    |                   | 6.0'-7.0' Soft (<0.5), Wet, Brown, Medium to Fine(+) Sand, Trace Clayey Silt  |                       | Pockets of Clayey Silt                   |
| 8   |  | 2               |                         |                                    |                   | 8.0'-10.4' Medium Stiff (1.25), Wet, Brown, Clay and silt, Little(-) Coarse to Fine Gravel, trace(-) Coarse to Medium Sand            |                       | Interpreted as Sluff                     |
| 9   |  |                 |                         |                                    |                   |   |                       |  |
| 10  |  |                 |                         |                                    |                   |   |                       |  |
| 11  |  | W               | 2.0'/2.0'               |                                    |                   | 10.4'-12.0' Very Soft(<0.5), Wet to Saturated, Dark Brown, Medium to Fine(+) Sand, Trace Clayey Silt                                  |                       | Pockets of Stiff Clayey Silt             |
| 12  |  | 1               |                         |                                    |                   |   |                       |  |
| 13  |  |                 |                         |                                    |                   |   |                       |  |
| 14  |  |                 |                         |                                    |                   |   |                       |  |
| 15  |  |                 |                         |                                    |                   |   |                       |  |
| 16  |  | 2               | 2.0'/2.0'               |                                    |                   | 15.0'-15.9' Same as above   |                       | Interpreted as Sluff                     |
| 17  |  | 2               |                         |                                    |                   | 15.9'-16.6' Same as above   |                       |  |
| 18  |  | 5               |                         |                                    |                   |   |                       |  |
| 19  |  | 17              |                         |                                    |                   | 16.6'-17.0' Soft, Wet to Saturated, Dark Brown/Dark Grey, Coarse to Fine Sand, Trace Coarse to Medium Gravel at Bottom                |                       | Cobbles found in shoe and in bottom 0.1' |
| 20  |  |                 |                         |                                    |                   |   |                       |  |
| 21  |  | 91              | 2.0'/2.0'               |                                    |                   | 18.3'-19.8' Same as Above   |                       |  |
| 22  |  | 10              |                         |                                    |                   |   |                       |  |
| 23  |  | 17              |                         |                                    |                   |   |                       |  |
| 24  |  | 10              |                         |                                    |                   |   |                       |  |
| 25  |  |                 |                         |                                    |                   |   |                       |  |
| 26  |  |                 |                         |                                    |                   |   |                       |  |
| 27  |  |                 |                         |                                    |                   |   |                       |  |
| 28  |  |                 |                         |                                    |                   |   |                       |  |
| 29  |  |                 |                         |                                    |                   |   |                       |  |
| 30  |  |                 |                         |                                    |                   |   |                       |  |
| 31  |  |                 |                         |                                    |                   |   |                       |  |
| 32  |  |                 |                         |                                    |                   |   |                       |  |
| 33  |  |                 |                         |                                    |                   |   |                       |  |
| 34  |  |                 |                         |                                    |                   |   |                       |  |
| 35  |  |                 |                         |                                    |                   |   |                       |  |
| 36  |  |                 |                         |                                    |                   |   |                       |  |
| 37  |  |                 |                         |                                    |                   |   |                       |  |
| 38  |  |                 |                         |                                    |                   |   |                       |  |
| 39  |  |                 |                         |                                    |                   |   |                       |  |
| 40  |  |                 |                         |                                    |                   |   |                       |  |
| 41  |  |                 |                         |                                    |                   |   |                       |  |
| 42  |  |                 |                         |                                    |                   |   |                       |  |
| 43  |  |                 |                         |                                    |                   |   |                       |  |
| 44  |  |                 |                         |                                    |                   |   |                       |  |
| 45  |  |                 |                         |                                    |                   |   |                       |  |
| 46  |  |                 |                         |                                    |                   |   |                       |  |
| 47  |  |                 |                         |                                    |                   |   |                       |  |
| 48  |  |                 |                         |                                    |                   |   |                       |  |
| 49  |  |                 |                         |                                    |                   |   |                       |  |
| 50  |  |                 |                         |                                    |                   |   |                       |  |
| 51  |  |                 |                         |                                    |                   |   |                       |  |
| 52  |  |                 |                         |                                    |                   |   |                       |  |
| 53  |  |                 |                         |                                    |                   |   |                       |  |
| 54  |  |                 |                         |                                    |                   |   |                       |  |
| 55  |  |                 |                         |                                    |                   |   |                       |  |
| 56  |  |                 |                         |                                    |                   |   |                       |  |
| 57  |  |                 |                         |                                    |                   |   |                       |  |
| 58  |  |                 |                         |                                    |                   |   |                       |  |
| 59  |  |                 |                         |                                    |                   |   |                       |  |
| 60  |  |                 |                         |                                    |                   |   |                       |  |
| 61  |  |                 |                         |                                    |                   |   |                       |  |
| 62  |  |                 |                         |                                    |                   |   |                       |  |
| 63  |  |                 |                         |                                    |                   |   |                       |  |
| 64  |  |                 |                         |                                    |                   |   |                       |  |
| 65  |  |                 |                         |                                    |                   |   |                       |  |
| 66  |  |                 |                         |                                    |                   |   |                       |  |
| 67  |  |                 |                         |                                    |                   |   |                       |  |
| 68  |  |                 |                         |                                    |                   |   |                       |  |
| 69  |  |                 |                         |                                    |                   |   |                       |  |
| 70  |  |                 |                         |                                    |                   |   |                       |  |
| 71  |  |                 |                         |                                    |                   |   |                       |  |
| 72  |  |                 |                         |                                    |                   |   |                       |  |
| 73  |  |                 |                         |                                    |                   |   |                       |  |
| 74  |  |                 |                         |                                    |                   |   |                       |  |
| 75  |  |                 |                         |                                    |                   |   |                       |  |
| 76  |  |                 |                         |                                    |                   |   |                       |  |
| 77  |  |                 |                         |                                    |                   |   |                       |  |
| 78  |  |                 |                         |                                    |                   |   |                       |  |
| 79  |  |                 |                         |                                    |                   |   |                       |  |
| 80  |  |                 |                         |                                    |                   |   |                       |  |
| 81  |  |                 |                         |                                    |                   |   |                       |  |
| 82  |  |                 |                         |                                    |                   |   |                       |  |
| 83  |  |                 |                         |                                    |                   |   |                       |  |
| 84  |  |                 |                         |                                    |                   |   |                       |  |
| 85  |  |                 |                         |                                    |                   |   |                       |  |
| 86  |  |                 |                         |                                    |                   |   |                       |  |
| 87  |  |                 |                         |                                    |                   |   |                       |  |
| 88  |  |                 |                         |                                    |                   |   |                       |  |
| 89  |  |                 |                         |                                    |                   |   |                       |  |
| 90  |  |                 |                         |                                    |                   |   |                       |  |
| 91  |  |                 |                         |                                    |                   |   |                       |  |
| 92  |  |                 |                         |                                    |                   |   |                       |  |
| 93  |  |                 |                         |                                    |                   |   |                       |  |
| 94  |  |                 |                         |                                    |                   |   |                       |  |
| 95  |  |                 |                         |                                    |                   |   |                       |  |
| 96  |  |                 |                         |                                    |                   |   |                       |  |
| 97  |  |                 |                         |                                    |                   |   |                       |  |
| 98  |  |                 |                         |                                    |                   |   |                       |  |
| 99  |  |                 |                         |                                    |                   |   |                       |  |
| 100   |  |                 |                         |                                    |                   |   |                       |  |

|   |  |                 |                                |                                    |                   |   |                              |                      |
|---|--|-----------------|--------------------------------|------------------------------------|-------------------|---|------------------------------|----------------------|
|  |  |                 | <b>Geotechnical Boring Log</b> |                                    |                   |   | <b>Boring No.: DB ( 3B )</b> |                      |
| PROJECT: Freeman's Bridge PDI   |  |                 |                                | PROJECT No.: 83060.02              |                   |   | ET GEOLOGIST: Lucas Benedict |                      |
| CONTRACTOR: Geologic, Inc.  |  |                 |                                | DRILLER: Joe Menzel, Judson Powell |                   |   | PAGE: 1 of 2                 | DATE: 4/28/05        |
| BORING LOCATION: ~100-150' West of building along roadway                         |  |                 |                                | SITE LOCATION: Glenville, New York |                   |   | SURFACE ELEVATION: NA        |                      |
| WATER LEVELS  |  |                 |                                | RIG                                | CASING            | SAMPLER   | CORE                         | TUBE                 |
| DATE  | DEPTH  | TIME            | TYPE                           | CME 45C                            | Hollow Stem Auger | Split Spoon   |                              |                      |
| NA  |  |                 | I.D.                           |                                    | 3.25"             | 2"  |                              |                      |
|   |  |                 | WEIGHT                         |                                    |                   | 140#  |                              |                      |
|   |  |                 | FALL                           |                                    |                   | 30"   |                              |                      |
| Depth<br>(ft) bgs   | Penetrometer<br>(T/ft <sup>2</sup> ;KG/cm <sup>2</sup> ) | Blows<br>per/6" | Recovery<br>(feet)             | PID<br>(ppm)                       | Temp.<br>(°F)     | SAMPLE DESCRIPTION AND STRATUM CHANGES  |                              | REMARKS              |
| 22  |  |                 |                                |                                    |                   | 25.0'-25.1' Very Soft, Saturated, Dark Grey, Coarse to Fine Sand, Little Medium to Fine Gravel, Trace Clay and Silt |                              | Interpreted as Sluff |
| 23  |  |                 |                                |                                    |                   |   |                              |                      |
| 24  |  |                 |                                |                                    |                   |   |                              |                      |
| 25  |  | 55              | 1.2'/2.0'                      |                                    |                   |   |                              |                      |
| 26  |  | 37              |                                |                                    |                   | 25.1'-26.2' Loose, Wet, Dark Grey, Coarse to Fine Gravel, Coarse to Fine Sand                                       |                              | Large Cobbles        |
| 27  |  | 26              |                                |                                    |                   | 27.2'-27.4' Same as Above; Refusal at 27.4'   |                              |                      |
| 28  |  | 52              |                                |                                    |                   |   |                              |                      |
| 29  |  |                 |                                |                                    |                   |   |                              |                      |
| 30  |  |                 |                                |                                    |                   |   |                              |                      |
| 31  |  |                 |                                |                                    |                   |   |                              |                      |
| 32  |  |                 |                                |                                    |                   |   |                              |                      |
| 33  |  |                 |                                |                                    |                   |   |                              |                      |
| 34  |  |                 |                                |                                    |                   |   |                              |                      |
| 35  |  |                 |                                |                                    |                   |   |                              |                      |
| 36  |  |                 |                                |                                    |                   |   |                              |                      |
| 37  |  |                 |                                |                                    |                   |   |                              |                      |
| 38  |  |                 |                                |                                    |                   |   |                              |                      |
| 39  |  |                 |                                |                                    |                   |   |                              |                      |
| 40  |  |                 |                                |                                    |                   |   |                              |                      |
| 41  |  |                 |                                |                                    |                   |   |                              |                      |
| 42  |  |                 |                                |                                    |                   |   |                              |                      |
| 43  |  |                 |                                |                                    |                   |   |                              |                      |
| 44  |  |                 |                                |                                    |                   |   |                              |                      |

| <br><small>A Tyco International Ltd. Company</small> |  |                 | Geotechnical Boring Log |                                    |                   |  | Boring No.: DB ( 4 )         |   |
|---|--|-----------------|-------------------------|------------------------------------|-------------------|--|------------------------------|---|
| PROJECT: Freeman's Bridge PDI   |  |                 |                         | PROJECT No.: 83060.02              |                   |  | ET GEOLOGIST: Lucas Benedict |   |
| CONTRACTOR: Geologic, Inc.  |  |                 |                         | DRILLER: Joe Menzel, Judson Powell |                   |  | PAGE: 1 of 2                 | DATE: 4/26/05                                 |
| BORING LOCATION: West Corner of Building near overhead door   |  |                 |                         | SITE LOCATION: Glenville, New York |                   |  | SURFACE ELEVATION: NA        |   |
| WATER LEVELS  |  |                 |                         | RIG                                | CASING            | SAMPLER  | CORE                         | TUBE  |
| DATE  | DEPTH  | TIME            | TYPE                    | CME 45C                            | Hollow Stem Auger | Split Spoon  |                              |   |
| NA  |  |                 | I.D.                    |                                    | 3.25"             | 2"   |                              |   |
|   |  |                 | WEIGHT                  |                                    |                   | 140#   |                              |   |
|   |  |                 | FALL                    |                                    |                   | 30"  |                              |   |
| Depth<br>(ft) bgs   | Penetrometer<br>(T/ft <sup>2</sup> ;KG/cm <sup>2</sup> ) | Blows<br>per/6" | Recovery<br>(feet)      | PID<br>(ppm)                       | Temp.<br>(°F)     | SAMPLE DESCRIPTION AND STRATUM CHANGES   |                              | REMARKS                                       |
| 0   |  | 11              | 1.4/2.0                 |                                    |                   | 0.2-0.6' Loose, Dry, Gray/ Light Brown, Coarse to Fine Gravel, Trace Fine Sand   |                              | Fill  |
| 1   |  | 11              |                         |                                    |                   | 0.6-0.8' Loose, Moist, Red Brown, Coarse to Fine Gravel, Coarse to Fine Sand, Trace Clay and Silt                            |                              |   |
|   |  | 7               |                         |                                    |                   |  |                              |   |
|   |  | 7               |                         |                                    |                   | 0.8-0.9' Loose, Moist, Black, Clay & Silt, Little Medium Fine Sand, Trace Fine Gravel  |                              |   |
| 2   |  | 7               | 0.8/2.0                 |                                    |                   |  |                              |   |
|   |  | 4               |                         |                                    |                   | 0.9-1.4' Medium Stiff, Moist, Black/Tan Mottled, Clay & Silt(+), Some Coarse to Fine Gravel                                  |                              | Asphalt.; Cloth Material                      |
| 3   |  | 2               |                         |                                    |                   |  |                              |   |
|   |  | 3               |                         |                                    |                   | 2.0-2.1' Same as Above   |                              | Sluff   |
| 4   |  | 2               | 0.8/2.0                 |                                    |                   |  |                              | Odor Observed                                 |
|   |  | 2               |                         |                                    |                   | 2.1-2.4' Medium Stiff, Wet, Black, Medium Fine Sand, Trace Fine Gravel   |                              |   |
| 5   |  | 4               |                         |                                    |                   |  |                              |   |
|   |  | 3               |                         |                                    |                   | 2.4-2.7' Medium Stiff, Moist, Black/Tan Mottled, Clay & Silt(+), Some Coarse to Fine Gravel                                  |                              |   |
| 6   |  | 2               | 1.4/2.0                 |                                    |                   |  |                              |   |
|   |  | 2               |                         |                                    |                   | 2.7-2.8' Loose, Wet, Black, Coarse to Fine Sand, Some Coarse to Fine Gravel, C& D Brick                                      |                              |   |
| 7   |  | 2               |                         |                                    |                   |  |                              |   |
|   |  | 2               |                         |                                    |                   | 4.0-4.4' Very Soft, Saturated, Brown, Coarse to Fine Sand, And Coarse to Fine Gravel, Trace Clay & Silt                      |                              |   |
| 8   |  | 1               | 0.7/2.0                 |                                    |                   |  |                              |   |
|   |  | 1               |                         |                                    |                   | 4.4-4.5' Loose, Wet, Black, Coarse to Fine Sand, Some Coarse to Fine Gravel, C&D Brick                                       |                              | Becomes more compotent(sp?) with Depth        |
| 9   |  | 1               |                         |                                    |                   |  |                              |   |
|   |  | 1               |                         |                                    |                   | 4.5-4.8' Very Soft, Wet, Dark Gray, Clayey Silt  |                              |   |
| 10  |  |                 |                         |                                    |                   | 6.0-6.3' Loose, Satruated, Black, Coarse to Fine Sand, C&D Brick   |                              | 6.0-6.3 odor & sheen observed                 |
|   |  |                 |                         |                                    |                   | 6.3-7.0' Medium Stiff, Wet, Brown/Gray Mottled, Clayey Silt  |                              |   |
| 11  |  |                 |                         |                                    |                   | 7.0-7.4' Soft, Saturated, Dark Gray, Medium to Fine Sand, Organics   |                              | 7.0-7.4 Roots, wood pieces                    |
|   |  |                 |                         |                                    |                   | 8.0-8.7' Very Soft, Saturated, Black/Dark Gray, Coarse to Fine Sand, Coarse to Fine Gravel, Brick                            |                              | 8.0-8.7 Sluff                                 |
| 12  |  |                 |                         |                                    |                   |  |                              |   |
| 13  |  |                 |                         |                                    |                   |  |                              |   |
| 14  |  |                 |                         |                                    |                   |  |                              |   |
| 15  |  | 9               | 1.7/2.0                 |                                    |                   | 15.0-15.4' Loose, Saturated, Dark Brown, Coarse to Fine Gravel, little(+)Clay & Silt, Little Coarse to Fine Sand, C&D Brick  |                              |   |
| 16  |  | 7               |                         |                                    |                   |  |                              |   |
|   |  | 4               |                         |                                    |                   | 15.4-15.7 Very Soft, Saturated, Dark Brown/Dark Gray, Clayey Silt, Trace(-) Medium Gravel, C&D Brick                         |                              |   |
| 17  |  | 4               |                         |                                    |                   |  |                              |   |
|   |  |                 |                         |                                    |                   | 15.7-16.4' Soft, Saturated, Dark Brown/Dark Gray, Medium Fine Sand, Trace Cley & Silt, Trace(-) C&D Brick                    |                              |   |
| 18  |  |                 |                         |                                    |                   | 16.4-16.7' Wood Debris   |                              | Odor Observed                                 |
| 19  |  |                 |                         |                                    |                   |  |                              |   |
| 20  | 0.5  | 9               | 2.0/2.0                 |                                    |                   | 20.0-22.0' Soft, Wet, Dark Brown/Gray, Coarse to Fine Sand, Little Clay & Silt, Trace Coarse to Fine Gravel, C&D Brick, Wood |                              | Lenses(sp?) of Clayey Silt are very Soft <0.5 |
| 21  |  | 9               |                         |                                    |                   |  |                              |   |
|   |  | 14              |                         |                                    |                   |  |                              |   |
| 22  |  | 16              |                         |                                    |                   |  |                              |   |

|  |  |                 | Geotechnical Boring Log |                                    |                   |   | Boring No.: DB ( 4 ) |                      |
|---|--|-----------------|-------------------------|------------------------------------|-------------------|---|----------------------|----------------------|
| PROJECT: Freeman's Bridge PDI   |  |                 |                         | PROJECT No.: 83060.02              |                   | ET GEOLOGIST: Lucas Benedict  |                      |                      |
| CONTRACTOR: Geologic, Inc.  |  |                 |                         | DRILLER: Joe Menzel, Judson Powell |                   | PAGE: 2 of 2  |                      | DATE: 4/26/05        |
| BORING LOCATION: West Corner of Building near overhead door                       |  |                 |                         | SITE LOCATION: Glenville, New York |                   | SURFACE ELEVATION: NA   |                      |                      |
| WATER LEVELS  |  |                 |                         | RIG                                | CASING            | SAMPLER   | CORE                 | TUBE                 |
| DATE  | DEPTH  | TIME            | TYPE                    | CME 45C                            | Hollow Stem Auger | Split Spoon   |                      |                      |
| NA  |  |                 | I.D.                    |                                    | 3.25"             | 2"  |                      |                      |
|   |  |                 | WEIGHT                  |                                    |                   | 140#  |                      |                      |
|   |  |                 | FALL                    |                                    |                   | 30"   |                      |                      |
| Depth<br>(ft) bgs   | Penetrometer<br>(T/ft <sup>2</sup> ;KG/cm <sup>2</sup> ) | Blows<br>per/6" | Recovery<br>(feet)      | PID<br>(ppm)                       | Temp.<br>(°F)     | SAMPLE DESCRIPTION AND STRATUM CHANGES  |                      | REMARKS              |
| 22  |  |                 |                         |                                    |                   | 25.0-26.7' Soft, Wet, Dark Brown/Gray, Coarse to Fine Sand, Trace Coarse to Fine Gravel |                      | Sluff from 25.0-25.8 |
| 23  |  |                 |                         |                                    |                   |   |                      |                      |
| 24  |  |                 |                         |                                    |                   |   |                      |                      |
| 25  |  | 9               | 1.7/2.0                 |                                    |                   |   |                      |                      |
| 26  |  | 5               |                         |                                    |                   |   |                      |                      |
| 27  |  | 3               |                         |                                    |                   | 30.0-32.0' Soft, Wet, Dark Brown, Coarse to Fine Sand, Trace Coarse to Fine Gravel      |                      |                      |
| 28  |  | 6               |                         |                                    |                   |   |                      |                      |
| 29  |  |                 |                         |                                    |                   |   |                      |                      |
| 30  |  | 6               | 2.0/2.0                 |                                    |                   |   |                      |                      |
| 31  |  | 6               |                         |                                    |                   |   |                      |                      |
| 32  |  | 7               |                         |                                    |                   | 35.0-37.0' Same as Above  |                      |                      |
| 33  |  | 9               |                         |                                    |                   |   |                      |                      |
| 34  |  |                 |                         |                                    |                   |   |                      |                      |
| 35  |  | 8               | 2.0/2.0                 |                                    |                   |   |                      |                      |
| 36  |  | 5               |                         |                                    |                   |   |                      |                      |
| 37  |  | 3               |                         |                                    |                   | 40.0-41.7' Same As Above  |                      |                      |
| 38  |  | 6               |                         |                                    |                   |   |                      |                      |
| 39  |  |                 |                         |                                    |                   |   |                      |                      |
| 40  |  | 4               | 2.0/2.0                 |                                    |                   |   |                      |                      |
| 41  |  | 8               |                         |                                    |                   |   |                      |                      |
| 42  | 1.25   | 9               |                         |                                    |                   | 41.7-42.0' Stiff, Damp to Wet, Dark Gray, Clayey Silt                                   |                      |                      |
| 43  |  | 11              |                         |                                    |                   |   |                      |                      |
| 44  |  |                 |                         |                                    |                   |   |                      |                      |