**Midwest Testing Services, Inc.**
3705 Progress Blvd.
Peru, IL 61354

## BORING LOG

Sheet 1 of 3

Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

Client: Hampton, Lenzini & Renwick, Inc.
Project Name: Hinckley Road Bridge Project
Project Site: Big Rock Township, Kane County, IL.

Boring No. B-1
Surface Elev. 716.60
Auger Depth 61'
Rotary Depth NA
Start Date 06/12/10
Finish Date 06/12/10

Location: 8' Left Station 10+50

DRILLED BY: Randy Safranski
Diedrich D-120

| (DEPTH) *ELEV. | DESCRIPTION OF MATERIALS | Depth in feet | Sample No. | Sample Type | Qu (TSF) | N Value (Blows) | Bulge / Shear | Moisture (%) | Dry Density (PCF) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 716.60 | | | | | | | | | | |
| 715.60 | Crushed Stone (Fill) | 1 | | | | | | | | |
| 714.60 | | 2 | | | | | | | | |
| 713.60 | | 3 | 1 | SS | --- | 12 | --- | 10 | | |
| 712.60 | Stiff Brown Clay (Fill) | 4 | | | | | | | | |
| 711.60 | | 5 | | | | | | | | |
| 710.60 | | 6 | 2 | SS | 1.5 | 8 | S | 20 | | |
| 709.60 | Stiff Black Clay | 7 | | | | | | | | |
| 708.60 | | 8 | 3 | SS | 1.0 | 6 | B | 24 | | |
| 707.60 | Medium Brown And Gray Coarse Sand And Gravel | 9 | | | | | | | | |
| 706.60 | | 10 | | | | | | | | |
| 705.60 | | 11 | 4 | SS | --- | 12 | --- | --- | | |
| 704.60 | | 12 | | | | | | | | |
| 703.60 | | 13 | 5 | SS | --- | 18 | --- | --- | | |
| 702.60 | | 14 | | | | | | | | |
| 701.60 | | 15 | | | | | | | | |
| 700.60 | | 16 | 6 | SS | --- | 20 | --- | --- | | |
| 699.60 | Stiff Pink Silty Clay Till | 17 | | | | | | | | |
| 698.60 | | 18 | 7 | SS | 1.4 | 9 | B | 20 | | |
| 697.60 | | 19 | | | | | | | | |
| 696.60 | | 20 | 8 | SS | 1.2 | 8 | B | 21 | | |

Groundwater Data: Static water table after auger removal, elevation 708.0.
Comments:

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|---|---|---|---|---|---|---|---|---|---|---|
| 695.60 | | | | | | | | | | |
| 694.60 | Stiff Pink Silty Clay Till | 22 | | | | | | | | |
| 693.60 | | 23 | 9 | SS | 1.8 | 10 | B | 20 | | |
| 692.60 | | 24 | | | | | | | | |
| 691.60 | | 25 | | | | | | | | |
| 690.60 | | 26 | 10 | SS | 4.1 | 15 | B | 15 | | |
| 689.60 | | 27 | | | | | | | | |
| 688.60 | | 28 | 11 | SS | 4.0 | 15 | B | 16 | | |
| 687.60 | | 29 | | | | | | | | |
| 686.60 | | 30 | | | | | | | | |
| 685.60 | Hard Gray Clay | 31 | 12 | SS | 4.6 | 18 | B | 15 | | |
| 684.60 | | 32 | | | | | | | | |
| 683.60 | | 33 | | | | | | | | |
| 682.60 | | 34 | | | | | | | | |
| 681.60 | | 35 | | | | | | | | |
| 680.60 | | 36 | 13 | SS | 4.5 | 20 | B | 15 | | |
| 679.60 | | 37 | | | | | | | | |
| 678.60 | | 38 | | | | | | | | |
| 677.60 | Dense Brown Silty Fine Sand | 39 | | | | | | | | |
| 676.60 | | 40 | | | | | | | | |
| 675.60 | | 41 | 14 | SS | --- | 30 | --- | --- | | |

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|---|---|---|---|---|---|---|---|---|---|---|
| 674.60 | | | | | | | | | | |
| 673.60 | Dense Brown Silty Fine Sand | 43 | | | | | | | | |
| 672.60 | | 44 | | | | | | | | |
| 671.60 | | 45 | | | | | | | | |
| 670.60 | | 46 | 15 | SS | --- | 32 | --- | --- | | |
| 669.60 | | 47 | | | | | | | | |
| 668.60 | | 48 | | | | | | | | |
| 667.60 | | 49 | | | | | | | | |
| 666.60 | | 50 | | | | | | | | |
| 665.60 | | 51 | 16 | SS | --- | 28 | --- | --- | | |
| 664.60 | | 52 | | | | | | | | |
| 663.60 | Medium Brown Silty Fine Sand | 53 | | | | | | | | |
| 662.60 | | 54 | | | | | | | | |
| 661.60 | | 55 | | | | | | | | |
| 660.60 | | 56 | 17 | SS | --- | 27 | --- | --- | | |
| 659.60 | | 57 | | | | | | | | |
| 658.60 | | 58 | | | | | | | | |
| 657.60 | | 59 | | | | | | | | |
| 656.60 | | 60 | | | | | | | | |
| 655.60 | Bottom of Boring | 61 | 18 | SS | --- | 24 | --- | --- | | |
| 654.60 | | 62 | | | | | | | | |

Groundwater Data: Static water table after auger removal, elevation 708.0.
Comments:

*BORING 1*

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| FILE NAME = 102031-sht-bridge.dgn | USER NAME = | DESIGNED - D.W.T. | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | BORINGS STRUCTURE NO. 045-3104 | T.R. | SECTION | COUNTY | TOTAL SHEETS / SHEET NO. |
| HAMPTON, LENZINI AND RENWICK, INC. 3045 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 | | CHECKED - A.S.L. | REVISED - | | | 193 | 07-03011-01-BR | KANE | 29 / 18 |
| ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000350 | PLOT SCALE = | DRAWN - D.A.B. | REVISED - | | | HINCKLEY ROAD | | CONTRACT NO. 63699 | |
| | PLOT DATE = 2/2/2012 | CHECKED - S.W.M. | REVISED - | | SHEET NO. 9 OF 15 SHEETS | | ILLINOIS | FED. AID PROJECT BROS-0089(138) | |