

|                                                                                   |                                                                                |                                                 |                                                                       |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------|
|  | <b>Midwest Testing Services, Inc.</b><br>3705 Progress Blvd.<br>Peru, IL 61354 | <b>BORING LOG</b><br>Sheet <u>1</u> of <u>2</u> | Phone: 815-223-6696<br>Fax: 815-223-6659<br>e-mail: mts37@comcast.net |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------|

Client: Hutchison Engineering, Inc.  
Project Name: Section 13-00726-00-BR  
Project Site: CH-9 Over Buck Creek  
LaSalle County, Illinois

Boring No. B-1  
Surface Elev. 650.90  
Auger Depth 36' Rotary Depth NA  
Start Date 02/19/13 Finish Date 02/19/13

Location: 20' Right of Station 19+86

| (DEPTH)<br>ELEV. | DESCRIPTION OF MATERIALS                              | Graphic<br>Log | Depth<br>in feet | SAMPLES    |             |          |                 |               |              | REMARKS |
|------------------|-------------------------------------------------------|----------------|------------------|------------|-------------|----------|-----------------|---------------|--------------|---------|
|                  |                                                       |                |                  | Sample No. | Sample Type | Qu (TSF) | N Value (Blows) | Bulge / Shear | Moisture (%) |         |
| 650.90           |                                                       |                |                  |            |             |          |                 |               |              |         |
| 649.90           |                                                       |                | 1                |            |             |          |                 |               |              |         |
| 648.90           | Stiff Brown Clay                                      |                | 2                |            |             |          |                 |               |              |         |
| 647.90           |                                                       |                | 3                | 1          | SS          | 1.6      | 7               | B             | 19           |         |
| 646.90           |                                                       |                | 4                |            |             |          |                 |               |              |         |
| 645.90           |                                                       |                | 5                | 2          | SS          | 2.3      | 13              | B             | 18           |         |
| 644.90           | Very Stiff Brownish Gray Clay Till<br>With Sand Seams |                | 6                |            |             |          |                 |               |              |         |
| 643.90           |                                                       |                | 7                |            |             |          |                 |               |              |         |
| 642.90           |                                                       |                | 8                | 3          | SS          | 2.0      | 11              | B             | 20           |         |
| 641.90           |                                                       |                | 9                |            |             |          |                 |               |              |         |
| 640.90           |                                                       |                | 10               | 4          | SS          | 2.7      | 14              | B             | 19           |         |
| 639.90           | Very Stiff Gray Clay Till                             |                | 11               |            |             |          |                 |               |              |         |
| 638.90           |                                                       |                | 12               |            |             |          |                 |               |              |         |
| 637.90           |                                                       |                | 13               | 5          | SS          | 3.1      | 16              | B             | 17           |         |
| 636.90           |                                                       |                | 14               |            |             |          |                 |               |              |         |
| 635.90           |                                                       |                | 15               | 6          | SS          | 2.8      | 18              | B             | 17           |         |
| 634.90           |                                                       |                | 16               |            |             |          |                 |               |              |         |
| 633.90           |                                                       |                | 17               |            |             |          |                 |               |              |         |
| 632.90           | Medium Gray Fine To Loose Sand                        |                | 18               | 7          | SS          | ---      | 16              | ---           | ---          |         |
| 631.90           |                                                       |                | 19               |            |             |          |                 |               |              |         |
| 630.90           |                                                       |                | 20               | 8          | SS          | ---      | 18              | ---           | ---          |         |

Groundwater Data: Static water at elevation 635.0  
Comments:

|                                                                                     |                                                                                |                                                 |                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------|
|  | <b>Midwest Testing Services, Inc.</b><br>3705 Progress Blvd.<br>Peru, IL 61354 | <b>BORING LOG</b><br>Sheet <u>2</u> of <u>2</u> | Phone: 815-223-6696<br>Fax: 815-223-6659<br>e-mail: mts37@comcast.net |
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|------------------|---------------------------|----------------|------------------|------------|-------------|----------|-----------------|---------------|--------------|---------|
|                  |                           |                |                  | Sample No. | Sample Type | Qu (TSF) | N Value (Blows) | Bulge / Shear | Moisture (%) |         |
| 629.90           |                           |                |                  |            |             |          |                 |               |              |         |
| 628.90           |                           |                | 22               |            |             |          |                 |               |              |         |
| 627.90           |                           |                | 23               | 9          | SS          | 2.5      | 14              | B             | 18           |         |
| 626.90           |                           |                | 24               |            |             |          |                 |               |              |         |
| 625.90           |                           |                | 25               | 10         | SS          | 2.2      | 13              | B             | 19           |         |
| 624.90           |                           |                | 26               |            |             |          |                 |               |              |         |
| 623.90           |                           |                | 27               |            |             |          |                 |               |              |         |
| 622.90           |                           |                | 28               | 11         | SS          | 2.7      | 14              | B             | 18           |         |
| 621.90           | Very Stiff Gray Clay Till |                | 29               |            |             |          |                 |               |              |         |
| 620.90           |                           |                | 30               | 12         | SS          | 3.1      | 18              | B             | 16           |         |
| 619.90           |                           |                | 31               |            |             |          |                 |               |              |         |
| 618.90           |                           |                | 32               |            |             |          |                 |               |              |         |
| 617.90           |                           |                | 33               | 13         | SS          | 2.5      | 16              | B             | 16           |         |
| 616.90           |                           |                | 34               |            |             |          |                 |               |              |         |
| 615.90           |                           |                | 35               | 14         | SS          | 2.9      | 18              | S             | 17           |         |
| 614.90           |                           |                | 36               |            |             |          |                 |               |              |         |
| 613.90           |                           |                | 37               |            |             |          |                 |               |              |         |
| 612.90           |                           |                | 38               |            |             |          |                 |               |              |         |
| 611.90           |                           |                | 39               |            |             |          |                 |               |              |         |
| 610.90           |                           |                | 40               |            |             |          |                 |               |              |         |
| 609.90           |                           |                | 41               |            |             |          |                 |               |              |         |

Groundwater Data:  
Comments:

SOIL BORING LOGS

| SHEET NO. 4<br><br>4 SHEETS | F.A.S.<br>RTE.                 | SECTION        | COUNTY                         | TOTAL<br>SHEETS | SHEET<br>NO. |
|-----------------------------|--------------------------------|----------------|--------------------------------|-----------------|--------------|
|                             | 174                            | 13-00726-00-BR | LASALLE                        | 16              | 10           |
|                             | S.N. 050-3608                  |                | CONTRACT NO. 87557             |                 |              |
|                             | FED. ROAD DIST. NO. 7 ILLINOIS |                | FED. AID PROJECT BRS-0174(119) |                 |              |