

**Illinois Department of Transportation**  
Division of Highways  
DOT - Dist 9

## SOIL BORING LOG

Page 1 of 2  
Date 4/14/03

ROUTE 1600E DESCRIPTION 2 Miles Northwest of Arthur LOGGED BY CNA

SECTION LOCATION NE, SEC. 22, TWP. 15N, RNG. 6E, 3<sup>rd</sup> PM

COUNTY Moultrie DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 070-4506 (Exst.)  
Station 10+00

BORING NO. 1 South Abut.  
Station 9+77  
Offset 5.0 ft Rt.  
Ground Surface Elev. 100.00 ft


| Description                                       | Elev. (ft) | D (ft) | B (#) | U (tsf) | M (%) | Description                           | Elev. (ft)   | D (ft) | B (#) | U (tsf) | M (%) |
|---|------------|--------|-------|---------|-------|---------------------------------------|--------------|--------|-------|---------|-------|
|   |            |        |       |         |       |                                       |              |        |       |         |       |
| Black Silty Clay (Backfill)                       | 666.5      |        |       |         |       | Gray Clay Loam Till (continued)       |              |        |       |         |       |
|   | 663.5      |        |       |         |       |                                       |              |        |       |         |       |
| Brown/Gray Mottled Silty Clay (Backfill)          | 97.0       |        | 3     |         | 24    | Gray Poorly Sorted Coarse Sand        | 642.5 - 76.0 | 1      |       |         |       |
|   |            |        | 2     |         |       |                                       |              | 2      |       |         |       |
|   |            |        | 2     |         |       |                                       |              | 2      |       |         |       |
| Brown/Gray Mottled Silt with Trace of Coarse Sand | 660.5 94.0 |        | 1     | 0.6     | 23    |                                       |              |        |       |         |       |
|   |            |        | 1     | B       |       |                                       |              |        |       |         |       |
|   |            |        | 0     |         |       |                                       |              | 2      |       |         |       |
| Gray Clay Loam Till                               | 657.0 90.5 |        | 1     | 3.7     | 13    | Brown Organic Silty Clay to Fine Peat | 637.0 70.5   | 3      | 1.0   | 47      |       |
|   |            |        | 3     |         |       |                                       |              | 4      | B     |         |       |
|   |            |        | 5     | 4.5     | 13    |                                       |              |        |       |         |       |
| Bot. Ftg. Elev. 654.42                            |            |        | 8     | B       |       | Gray Sandy Clay Loam                  | 633.5 67.0   | 2      |       |         |       |
|   |            |        | 7     | 6.0     | 11    |                                       |              | 2      | 1.0   | 19      |       |
|   |            |        | 10    | B       |       |                                       |              | 3      | B     |         |       |
|   |            |        | 2     |         |       |                                       |              |        |       |         |       |
|   |            |        | 6     | 5.4     | 11    |                                       |              |        |       |         |       |
|   |            |        | 8     | B       |       |                                       |              |        |       |         |       |
|   |            |        | 1     |         |       |                                       |              | 2      |       |         |       |
|   |            |        | 4     | 4.3     | 12    |                                       |              | 4      | 2.1   | 14      |       |
|   |            |        | 5     | B       |       |                                       |              | 10     | B     |         |       |

Vertical text on left: RECORDING LOGS/IN THE DISTRICTS/9/03

Vertical text on right: RECORDING LOGS/IN THE DISTRICTS/9/03

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, E-Estimate)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)



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|--|------------|--------|-------|---------|-------|-------------|------------|--------|-------|---------|-------|
|  |            |        |       |         |       |             |            |        |       |         |       |
| Gray Dirty Coarse Sand with Sandy Clay Loam Till Seams |            |        |       |         |       |             |            |        |       |         |       |
|  |            |        |       |         |       |             |            |        |       |         |       |
|  |            |        | 3     |         | 14    |             |            |        |       |         |       |
|  |            |        | 7     |         |       |             |            |        |       |         |       |
|  |            |        | 11    |         |       |             |            |        |       |         |       |
|  |            |        | 48    |         |       |             |            |        |       |         |       |
| Gray Sandy Clay Loam Till                              | 619.5 53.0 |        |       |         |       |             |            |        |       |         |       |
|  |            |        |       |         |       |             |            |        |       |         |       |
|  |            |        | 19    |         |       |             |            |        |       |         |       |
|  |            |        | 42    |         | 7     |             |            |        |       |         |       |
|  |            |        | 50-4" |         |       |             |            |        |       |         |       |
| End of Boring  | 616.5 50.0 |        |       |         |       |             |            |        |       |         |       |


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BORING



Account Number  
12-72-0016-1  
Date: 11/01/04

Rice, Berry and Associates  
A Division of Hampton,  
Lenzini and Renwick, Inc.  
Civil & Structural Engineers  
801 S. Durkin Drive  
Springfield, Illinois 62704  
217-546-3400

P.O. Box 1036  
DuQuoin, Illinois 62832  
618-790-4637

DESIGNED: T.P.L. CHECKED: M.G.B. DRAWN: D.T.M.

**BORING 1**  
SECTION 03-15123-00-BR  
LOWE ROAD DISTRICT  
MOULTRIE COUNTY  
STATION 10+01