



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 11/14/02

ROUTE FAP 789 DESCRIPTION Humbert Street and Washington Street in Alton LOGGED BY Larry Ford

SECTION 1T LOCATION NW 1/4, SEC. 6, TWP. 5N, RNG. 9W, 3 PM
COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

| STRUCT. NO. Station | D E P T H S | B L O S S | U C I S T | M O I S T | Surface Water Elev. Stream Bed Elev. | ft ft | D E P T H S | B L O S S | U C I S T | M O I S T |
|---|----------------------------|-----------------------|-----------------------|-----------------------|---|----------|----------------------------|-----------------------|-----------------------|-----------------------|
| | | | | | | | | | | |
| BORING NO. 2 Station 221+40 Offset 78.00ft RT CL Ground Surface Elev. 520.97 | | | | | | | | | | |
| Gray and Brown Silty CLAY | | | | | | | | | | |
| | 2 | | | | | | | | | |
| | 2 | 1.4 | | | | | | | | |
| | 1 | S15 | 21 | | | | | | | |
| | 2 | | | | | | | | | |
| | 4 | 2.0 | | | | | | | | |
| | 6 | S10 | 25 | | | | | | | |
| | 3 | | | | | | | | | |
| | 5 | 1.3 | | | | | | | | |
| | 4 | S15 | 23 | | | | | | | |
| | 2 | | | | | | | | | |
| | 1 | 0.9 | | | | | | | | |
| | 3 | S10 | 26 | | | | | | | |
| | 3 | 2.2 | | | | | | | | |
| | 2 | S10 | 19 | | | | | | | |
| Gray Sandy Clay LOAM | 2 | 0.9 | | | | | | | | |
| | 2 | S10 | 20 | | | | | | | |
| | 2 | | | | | | | | | |
| | 2 | 0.7 | | | | | | | | |
| | 4 | S15 | 21 | | | | | | | |
| | 3 | | | | | | | | | |
| | 1 | NC | 4 | | | | | | | |
| Brown SAND | 1 | | | | | | | | | |
| | 2 | 0.6 | | | | | | | | |
| | 2 | S10 | 24 | | | | | | | |
| Gray Clay LOAM | 3 | | | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 11/14/02

ROUTE FAP 789 DESCRIPTION Humbert Street and Washington Street in Alton LOGGED BY Larry Ford

SECTION 1T LOCATION NW 1/4, SEC. 6, TWP. 5N, RNG. 9W, 3 PM
COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

| STRUCT. NO. Station | D E P T H S | B L O S S | U C I S T | M O I S T | Surface Water Elev. Stream Bed Elev. | ft ft | D E P T H S | B L O S S | U C I S T | M O I S T |
|---|----------------------------|-----------------------|-----------------------|-----------------------|---|----------|----------------------------|-----------------------|-----------------------|-----------------------|
| | | | | | | | | | | |
| BORING NO. 3 Station 219+85 Offset 81.00ft RT CL Ground Surface Elev. 522.83 | | | | | | | | | | |
| Gray and Brown Silty CLAY | | | | | | | | | | |
| | 3 | | | | | | | | | |
| | 4 | 1.6 | | | | | | | | |
| | 5 | S15 | 21 | | | | | | | |
| | 4 | | | | | | | | | |
| | 4 | 1.7 | | | | | | | | |
| | 5 | S15 | 21 | | | | | | | |
| | 4 | | | | | | | | | |
| | 5 | 2.4 | | | | | | | | |
| | 7 | S15 | 23 | | | | | | | |
| | 3 | | | | | | | | | |
| | 5 | 1.3 | | | | | | | | |
| | 6 | S10 | 22 | | | | | | | |
| | 5 | | | | | | | | | |
| | 5 | 1.8 | | | | | | | | |
| | 5 | S10 | 20 | | | | | | | |
| | 2 | | | | | | | | | |
| | 3 | 1.0 | | | | | | | | |
| | 2 | S10 | 23 | | | | | | | |
| | 1 | | | | | | | | | |
| | 2 | 1.0 | | | | | | | | |
| | 2 | S15 | 23 | | | | | | | |
| | 3 | | | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

| FAP ROUTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
|-----------|---------|---------|--------------|---------------------|
| 789 | 1T | MADISON | 15 | 9 |
| STA. | | TO STA. | | CONTRACT NO.: 76648 |



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 11/14/02

ROUTE FAP 789 DESCRIPTION Humbert Street and Washington Street in Alton LOGGED BY Larry Ford

SECTION 1T LOCATION NW 1/4, SEC. 6, TWP. 5N, RNG. 9W, 3 PM
COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

| STRUCT. NO. Station | D E P T H S | B L O S S | U C I S T | M O I S T | Surface Water Elev. Stream Bed Elev. | ft ft | D E P T H S | B L O S S | U C I S T | M O I S T |
|---|----------------------------|-----------------------|-----------------------|-----------------------|---|----------|----------------------------|-----------------------|-----------------------|-----------------------|
| | | | | | | | | | | |
| BORING NO. 1 Station 117+28 Offset 77.00ft RT CL Ground Surface Elev. 518.34 | | | | | | | | | | |
| Brown Silty CLAY | | | | | | | | | | |
| | 4 | | | | | | | | | |
| | 6 | 3.5 | | | | | | | | |
| | 7 | S15 | 18 | | | | | | | |
| | 4 | | | | | | | | | |
| | 4 | 2.9 | | | | | | | | |
| | 3 | S15 | 23 | | | | | | | |
| | 2 | | | | | | | | | |
| | 2 | 0.6 | | | | | | | | |
| | 5 | S10 | 16 | | | | | | | |
| Limestone GRAVEL Bedding Material for Pipe Culvert | 5 | | | | | | | | | |
| | 6 | NC | 8 | | | | | | | |
| | 2 | | | | | | | | | |
| | 1 | 0.4 | | | | | | | | |
| | 1 | S10 | 26 | | | | | | | |
| | 3 | | | | | | | | | |
| | 3 | 1.6 | | | | | | | | |
| | 505" | S10 | 18 | | | | | | | |
| | 10 | NP | | | | | | | | |
| Gray SANDSTONE (Drillable, Hard) | 10 | | | | | | | | | |
| | 15 | | | | | | | | | |
| End of Boring | | | | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS

FAP ROUTE 789
SECTION 1T
MADISON COUNTY

DRAWN BY:

4404158
 3/30/2005
 c:\projects\789\p1\en\p1a097a.dgn
 REF