

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Sheet No. 7
of 7 Sheets

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|--------------------|--------------|-----------|
| FAP 599 | * | ROCK ISLAND | 50 | 41 |
| FED. ROAD DIST. NO. | | ILLINOIS | PROJECT | |
| *42 MFT-BR | | CONTRACT NO. 64641 | | |

Illinois Department of Transportation
District Two Westfield
Andalusia Twp. - Sec. 27 - T17N, R3W
Elev. @ Center of Structure - 100.0
PROJECT BRIDGE 081-0075 Date 07/07/94 Sh. 1 of 1
ROUTE SA 9 Ditch on the east edge of Andalusia Bored by J. Twardowski
SEC. 42 MFT STA. 408 + 35 Checked By T. Bratt

COUNTY Rock Island

Surf Wat. El. 91.5
Groundwater El. at Compl

Boring No. B-1
Sta. 408 + 34
O/S 11' Rt.

| DEPTH | DESCRIPTION | QUANTITY | WATER | TEMPERATURE | REMARKS |
|----------|--|----------|-------|-------------|---------|
| 0 | Ground Surface 99.9 | | | | |
| 0.6 | MEDIUM dark brown SILTY CLAY LOAM | 14 | | | |
| 2.0 | MEDIUM dark brown SILTY CLAY LOAM | 13 | | | |
| 3.0 | MEDIUM brown SILTY CLAY LOAM | 19 | | | |
| 3.0 | VERY SOFT brown SANDY LOAM | 15 | | | |
| 5.0 | Streambed Elev. - 91.1 First Encounter SOFT dark gray SILTY CLAY w/SAND lens | 25 | | | |
| 100 - 1' | VERY DENSE light gray SHALE | | | | |
| | Auger Refusal | | | | |
| | END OF BORING - AUGER REFUSAL | | | | |

1-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

Illinois Department of Transportation
SOIL BORING LOG Page 1 of 1
Date 8/21/05
PROJECT P22-169-00 R. 92 over ditch, east city limits of Andalusia
ROUTE FAP 599 DESCRIPTION P22-169-00 R. 92 over ditch, east city limits of Andalusia LOGGED BY C. Jenkins
SECTION 42MFT-1 LOCATION Andalusia Twp. - NE 1/4 SEC. 27, T17N, R3W, SW
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 081-0075
Station 408+35
Boring No. B-1
Station 408+32
Offset 10.00ft Lt. Cl.
Ground Surface Elev. 99.2

| DEPTH | DESCRIPTION | QUANTITY | WATER | TEMPERATURE | REMARKS |
|----------|---------------------------------|----------|-------|-------------|---------|
| 0 | Ground Surface 99.2 | | | | |
| 0.6 | MEDIUM black SILTY LOAM | 11 | | | |
| 2.0 | MEDIUM brown/black SANDY LOAM | 13 | | | |
| 3.0 | LOOSE tan SAND with some GRAVEL | 5 | | | |
| 3.0 | LOOSE tan/gray SAND | 4 | | | |
| 4.0 | VERY DENSE gray SHALE | | | | |
| 100 - 1' | Auger Refusal | | | | |
| | END OF BORING | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by @-Bulge, S-Shear, P-Penetrometer
The SPT Bl value is the sum of the last two blow values in each sampling zone (ASTM D 1586)
BES, from 137 Rev. 8-99

Illinois Department of Transportation
District Two Westfield
Andalusia Twp. - Sec. 27 - T17N, R3W
Elev. @ Center of Structure - 100.0
PROJECT BRIDGE 081-0075 Date 07/07/94 Sh. 1 of 1
ROUTE SA 9 Ditch on the east edge of Andalusia Bored by J. Twardowski
SEC. 42 MFT STA. 408 + 35 Checked By T. Bratt

COUNTY Rock Island

Surf Wat. El. 91.5
Groundwater El. at Compl 90.2

Boring No. B-2
Sta. 408 + 38
O/S 13' Rt.

| DEPTH | DESCRIPTION | QUANTITY | WATER | TEMPERATURE | REMARKS |
|----------|---------------------------------|----------|-------|-------------|---------|
| 0 | Ground Surface 100.4 | | | | |
| 0.5 | SOFT dark brown SILTY CLAY LOAM | 12 | | | |
| 5.0 | MEDIUM dark brown SANDY LOAM | 11 | | | |
| 9.0 | same as above | 14 | | | |
| 3.0 | VERY SOFT dark brown SANDY LOAM | 14 | | | |
| 5.0 | Streambed Elev. - 91.2 | | | | |
| 9.0 | VERY DENSE dark gray SHALE | | | | |
| 100 - 1' | Auger Refusal | | | | |
| | END OF BORING - AUGER REFUSAL | | | | |

1-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

Illinois Department of Transportation
SOIL BORING LOG Page 1 of 1
Date 8/21/05
PROJECT P22-169-00 R. 92 over ditch, east city limits of Andalusia
ROUTE FAP 599 DESCRIPTION P22-169-00 R. 92 over ditch, east city limits of Andalusia LOGGED BY C. Jenkins
SECTION 42MFT-1 LOCATION Andalusia Twp. - NE 1/4 SEC. 27, T17N, R3W, SW
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 081-0075
Station 408+35
Boring No. B-2a
Station 407+92
Offset 13.00ft Lt. Cl.
Ground Surface Elev. 99.4

| DEPTH | DESCRIPTION | QUANTITY | WATER | TEMPERATURE | REMARKS |
|----------|---------------------------------|----------|-------|-------------|---------|
| 0 | Ground Surface 99.4 | | | | |
| 0.5 | SOFT dark brown SILTY CLAY LOAM | 12 | | | |
| 5.0 | MEDIUM dark brown SANDY LOAM | 11 | | | |
| 9.0 | same as above | 14 | | | |
| 3.0 | VERY SOFT dark brown SANDY LOAM | 14 | | | |
| 5.0 | Streambed Elev. - 91.2 | | | | |
| 9.0 | VERY DENSE dark gray SHALE | | | | |
| 100 - 1' | Auger Refusal | | | | |
| | END OF BORING | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by @-Bulge, S-Shear, P-Penetrometer
The SPT Bl value is the sum of the last two blow values in each sampling zone (ASTM D 1586)
BES, from 137 Rev. 8-99

NOTE:
The elevation datum on boring logs 100.00 = Elev 573.2 on plans.

ILLINOIS ROUTE 92 OVER AN UNNAMED DITCH

| REVISIONS | | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS | | DRAWN BY DATE R King 2/05 CHECKED BY DATE BWP 2/05 DATE BY DATE CWC 2/05 BOOK NUMBER | |
|-----------|--|---|--|--|--|
| 1 | | FAP ROUTE 599 SECTION 42 MFT-BR | | PROJECT NO. 4858-4 | |
| 2 | | SHA 081-1009 ROCK ISLAND COUNTY | | SHEET NO. | |
| 3 | | HOMER L. CHASTAIN & ASSOCIATES, LLP CONSULTING ENGINEERS 184 001397 | | | |