CONTRACT NO. 66407

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 80 | 32-3HBR-1 | GRUNDY | 88 | 51 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

SHEET NO. B24

OF 35 SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**Illinois Department of Transportation**
Division of Highways
Illinois Department of Transportation

# SOIL BORING LOG

Page 1 of 2

Date 7/3003

ROUTE FAI 80 DESCRIPTION ASHLEY ROAD OVER FAI 80 WEST OF MORRIS LOGGED BY IDOT-LM

SECTION 32-3HBR-1 LOCATION NE 1/4, SEC. 27, TWP. 34N, RNG. 7E, 3rd PM

COUNTY GRUNDY DRILLING METHOD HAMMER TYPE AUTOMATIC

STRUCT. NO. 032-0057 EXISTING
Station 110+00

BORING NO. 01 SO. ABUT
Station 111+32
Offset 5.50ft RT
Ground Surface Elev. 565.60 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

| Description | Elev. | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| AUGERED BITUMINOUS PAVEMENT OVER CA06 AGGREGATE | 563.60 | | | | |
| Very Stiff Brown & Gray SANDY CLAY LOAM with Some SAND Layers (FILL) | | | 4 | | |
| | | | 5 | 2.5 | 15.0 |
| | | | 6 | P | |
| | | -5 | 5 | | |
| | | | 5 | 2.0 | 15.0 |
| | | | 5 | P | |
| | | | 6 | | |
| | | | 6 | - | - |
| | 557.10 | | 7 | - | |
| Very Stiff Gray SANDY CLAY LOAM (FILL) | | -10 | 3 | | |
| | | | 6 | 2.6 | 11.0 |
| | | | 4 | S | |
| | 553.60 | | | | |
| Medium Gray Fine SAND & Medium GRAVEL (FILL) | | | 7 | | |
| | | | 8 | - | 11.0 |
| | | | 12 | - | |
| | 551.60 | | | | |
| Stiff Gray SANDY LOAM (FILL) | | -15 | 3 | | |
| | | | 6 | 1.0 | 12.0 |
| | | | 3 | S | |
| | 548.10 | | 2 | | |
| Hard Gray SANDY CLAY LOAM (FILL) | | | 7 | 4.0 | 10.0 |
| | | | 7 | P | |
| | 546.60 | | | | |
| Stiff Gray, Black, Green SANDY CLAY LOAM (FILL) | | -20 | 2 | | |
| Stiff Gray, Black, Green SANDY CLAY LOAM (FILL) (continued) | | | 7 | 1.5 | 13.0 |
| | | | 11 | B | |
| | 544.10 | | | | |
| Stiff Gray SANDY LOAM with Fine SAND Layers (FILL) | | | 6 | | |
| | | | 9 | 1.2 | 10.0 |
| | | | 13 | S | |
| | 541.60 | | | | |
| Gray & Brown Fine SAND, SANDY CLAY , SANDY CLAY LOAM & LOAMY SAND & GRAVEL INTERBEDDED | | -25 | 7 | | |
| | 540.10 | | 19 | | 12.0 |
| Hard Brown SANDY LOAM | | | 18 | 4.5 | 10.0 |
| | 539.10 | | | | |
| Stiff Brown SILT & Fine SAND | | | 5 | | |
| | | | 12 | 1.9 | 24.0 |
| | | | 12 | S | |
| | | -30 | 4 | | |
| | | | 8 | 1.5 | 24.0 |
| | | | 13 | S | |
| | 533.60 | | | | |
| Hard Gray SANDY LOAM TILL | | | 34 | | |
| | | | 24 | 4.5 | 9.0 |
| | | | 22 | S | |
| | | -35 | 13 | | |
| | | | 25 | 4.0 | 9.0 |
| | | | 39 | S | |
| | | -40 | | | |

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 T206)
BBS, from 137 (Rev. 8-99)

**Illinois Department of Transportation**
Division of Highways
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# SOIL BORING LOG

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COUNTY GRUNDY DRILLING METHOD HAMMER TYPE AUTOMATIC

STRUCT. NO. 032-0057 EXISTING
Station 110+00

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Station 111+32
Offset 5.50ft RT
Ground Surface Elev. 565.60 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

| Description | Elev. | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| Hard Gray SANDY LOAM TILL (continued) | | | | | |
| | 520.60 | -45 | 6 | | |
| Hard Gray Varved CLAY & SILT Layers | | | 12 | 4.0 | 24.0 |
| | | | 15 | S | |
| | 515.60 | -50 | 7 | | |
| Medium Gray Fine SAND & Medium GRAVEL | | | 15 | 4.0 | 12.0 |
| | | | 14 | P | |
| | 512.60 | | | | |
| Dense Gray SANDY LOAM with Pieces of Weathered Micaceous SANDSTONE | | | | | |
| | 510.60 | -55 | 140 | 4.5 | 13.0 |
| End of Boring | | | | | |
| | | -60 | | | |

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 T206)
BBS, from 137 (Rev. 8-99)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

F.A.I. 80 (I-80)
F.A.U. 5974 (ASHLEY ROAD) OVER I-80
SECTION 32-3HBR-1
GRUNDY COUNTY
STATION 110+00.00 STRUCTURE NO. 032-0113

DESIGNED BY: JML DRAWN BY: DJM
DATE: 09/09/05 CHECKED BY: MSW