STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F.A.U. Rte. 6120 | * | LaSALLE | 492 | 289 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT- | |

*50-3HBK

SHEET NO. 21
22 SHEETS
CONTRACT NO. 66542

## Illinois Department of Transportation — SOIL BORING LOG

Page 1 of 2 — Date 3/11/02

ROUTE FAI 80 — DESCRIPTION COUNTY HIGHWAY 43(UTICA ROAD) OVER FAI 80 — LOGGED BY K.W.

SECTION 50-2HB-5 — LOCATION NW 1/4, SEC. 4, TWP. 33N, RNG. 2E, 3rd PM

COUNTY LASALLE — DRILLING METHOD Hollow Stem Auger — HAMMER TYPE Automatic

STRUCT. NO. 050-0084 (Exist.) 050-0248 (Prop.) — Station 895+86.16

BORING NO. 1 NORTH ABUT. — Station 896+04.66 — Offset 108.00ft LT — Ground Surface Elev. 644.63 ft

Surface Water Elev. ____ ft — Stream Bed Elev. ____ ft

Groundwater Elev.: — First Encountar ____ ft — Upon Completion ____ ft — After ____ Hrs. ____ ft

| DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|
| AUGERED BITUMINOUS CONCRETE OVER CA06 GRAVEL | | | |
| 642.13 | | | |
| Medium Loose SAND (FILL) | 4 | | |
| | 7 | - | 7 |
| | 10 | - | |
| -5 | | | |
| | 2 | | |
| 638.63 | 3 | - | 14 |
| Stiff Brown SILTY CLAY TILL (FILL) | 3 | 1.5 P | 20 |
| | 2 | | |
| | 3 | 1.8 B | 29 |
| | 4 | | |
| -10 | | | |
| 634.13 | 5 | | |
| Stiff Gray SILTY CLAY (FILL) | 5 | 1.2 P | 27 |
| | 5 | | |
| 632.63 | | | |
| Mix of Brown & Gray CLAY LOAM TILL with Gray SILTY CLAY (FILL) | 6 | | |
| | 6 | 1.5 B | 17 |
| | 9 | | |
| 630.13 | | | |
| Stiff Brown CLAY LOAM -SILTY CLY LOAM TILL (FILL) | 5 | | |
| -15 | | | |
| | 5 | 1.7 P | 14 |
| | 7 | | |
| | 3 | | |
| | 9 | 1.7 B | 16 |
| | 9 | | |
| -20 | | | |
| Stiff Brown SILTY CLAY LOAM -SILTY CLY LOAM TILL (FILL) (continued) | 5 | | |
| | 6 | 0.9 B | 21 |
| | 7 | | |
| 620.63 | | | |
| Stiff Black SILTY CLAY | | | |
| 619.63 -25 | 3 | | |
| Medium to Stiff Gray Brown SILTY CLAY | 3 | 1.0 B | 26 |
| | 4 | | |
| 617.63 | | | |
| Hard Brown SILTY CLAY TILL | 4 | | |
| | 5 | 4.7 B | 17 |
| | 7 | | |
| -30 | | | |
| | 5 | | |
| | 7 | 4.0 B | 17 |
| | 11 | | |
| | 7 | 4.2 B | 18 |
| | 12 | | |
| 610.13 -35 | | | |
| Hard Gray SILTY CLAY TILL | 7 | | |
| | 10 | 4.9 B | 20 |
| | 15 | | |
| 607.63 | | | |
| Dense Brown Fairly Well-graded Fine to Medium SAND | 19 | | |
| | 22 | - | 6 |
| | 25 | - | |
| 605.13 -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 — SOIL BORING LOG

Page 2 of 2 — Date 3/11/02

ROUTE FAI 80 — DESCRIPTION COUNTY HIGHWAY 43(UTICA ROAD) OVER FAI 80 — LOGGED BY K.W.

SECTION 50-2HB-5 — LOCATION NW 1/4, SEC. 4, TWP. 33N, RNG. 2E, 3rd PM

COUNTY LASALLE — DRILLING METHOD Hollow Stem Auger — HAMMER TYPE Automatic

STRUCT. NO. 050-0084 (Exist.) — Station 895+86.16

BORING NO. 1 NORTH ABUT. — Station 896+04.66 — Offset 108.00ft LT — Ground Surface Elev. 644.63 ft

Surface Water Elev. ____ ft — Stream Bed Elev. ____ ft

Groundwater Elev.: — First Encountar ____ ft — Upon Completion ____ ft — After ____ Hrs. ____ ft

| DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|
| Dense Brown Fine SAND & Medium GRAVEL (continued) | 8 | | |
| | 19 | - | 4 |
| | 27 | - | |
| 602.63 | | | |
| Dense Brown SAND & Subangular Coarse GRAVEL | 15 | | |
| | 30 | - | 5 |
| | 33 | - | |
| -45 | | | |
| | 15 | | |
| | 18 | - | 4 |
| | 23 | - | |
| | 11 | | |
| | 16 | - | 2 |
| | 26 | - | |
| 595.13 | | | |
| Medium Brown SAND & GRAVEL -50 | 11 | | |
| | 11 | - | 5 |
| | 12 | - | |
| 592.63 | | | |
| Dense Brown SAND & Coarse GRAVEL | 12 | | |
| | 18 | - | 5 |
| | 100 | - | |
| 590.63 | | | |
| Dense ST. PETER SANDSTONE FORMATION -55 | | | |
| ANCELL GROUP ORDOVICIAN SYSTEM | 136/ .75" | - - | - |
| 587.13 | 100/.5" | | |
| 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)

## Illinois Department of Transportation — SOIL BORING LOG

Page 1 of 2 — Date 3/12/02

ROUTE FAI 80 — DESCRIPTION COUNTY HIGHWAY 43 (UTICA ROAD) OVER FAI 80 — LOGGED BY K.W.

SECTION 50-2HB-5 — LOCATION NE 1/4, SEC. 5, TWP. 33N, RNG. 2E, 3rd PM

COUNTY LASALLE — DRILLING METHOD Hollow Stem Auger — HAMMER TYPE Automatic

STRUCT. NO. 050-0084 (Exist.) 050-0248 (Prop.) — Station 895+86.16

BORING NO. 2 SOUTH ABUT. — Station 895+68.16 — Offset 110.00ft RT — Ground Surface Elev. 644.71 ft

Surface Water Elev. ____ ft — Stream Bed Elev. ____ ft

Groundwater Elev.: — First Encountar 622.7 ft ▼ — Upon Completion 597.7 ft ▽ — After ____ Hrs. ____ ft

| DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|
| AUGERED BITUMINOUS CONCRETE OVER CONCRETE SLAB OVER SAND | | | |
| 642.71 | | | |
| Loose Brown SAND (FILL) | 2 | | |
| | 3 | - | 8 |
| | 2 | - | |
| -5 | | | |
| | 3 | | |
| | 4 | - | 8 |
| | 4 | - | |
| 637.71 | | | |
| Stiff Mix of GRAY SILTY CLAY TILL; Black SILTY CLAY LOAM & Greenish Gray SILTY CLAY (FILL) | 3 | | |
| | 5 | 1.5 P | 22 |
| | 7 | | |
| 635.71 | | | |
| Stiff Brown SILTY CLAY TILL -10 | 4 | | |
| | 4 | 1.7 B | 26 |
| | 4 | | |
| 633.21 | | | |
| Stiff Mix of Brown SILTY CLAY LOAM TILL & Black SILTY CLAY LOAM | 3 | | |
| | 4 | 1.9 B | 18 |
| | 6 | | |
| 630.71 | | | |
| Stiff Brown SILTY CLAY TILL (FILL) -15 | 2 | | |
| | 4 | 1.9 B | 21 |
| | 5 | | |
| | 4 | | |
| | 9 | 1.0 P | 15 |
| | 7 | | |
| -20 | 3 | | |
| Stiff Brown SILTY CLAY TILL (FILL) (continued) | 6 | 1.5 P | 15 |
| | 6 | | |
| 622.21 | | | |
| Loose Wet Brown SAND (FILL) | 5 | | 17 |
| 621.71 | 6 | | 19 |
| Stiff to Very Stiff Black SILTY CLAY LOAM | 9 | 2.5 | 20 |
| 620.71 | | | |
| Stiff Greenish Gray SILTY CLAY -25 | 3 | | |
| | 4 | 1.0 P | 28 |
| | 7 | | |
| 617.71 | | | |
| Very Stiff Brown SILTY CLAY TILL | 3 | | |
| | 6 | 2.7 B | 18 |
| | 7 | | |
| -30 | 3 | | |
| | 4 | 2.9 B | 17 |
| | 8 | | |
| | 5 | | |
| | 9 | 3.8 B | 17 |
| | 11 | | |
| -35 | 5 | | |
| | 12 | 3.0 P | 13 |
| | 17 | | |
| 608.21 | | | |
| Dense Brown Fine to Medium Well graded SAND with Some Pebbles | 25 | | |
| | 36 | - | 3 |
| | 43 | - | |
| -40 | 10 | | |

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)

| LAYOUT | AMM | 11/16/05 |
|---|---|---|
| DRAWN | Abd | 1/15/07 |
| REVIEWED | JJT | 1/15/07 |

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BORINGS (Sheet 1)
UTICA ROAD (IL. RTE. 178) over F.A.I. ROUTE 80
SECTION 50-3HBK
LaSALLE COUNTY
STATION 115+00.00
STRUCTURE NO. 050-0248

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HANSON

JOB NO. 05S2015

DATE 10/12/09