



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2
Date 4/23/02

ROUTE FAU 6757 (US 150) DESCRIPTION US 150 Over Little Farm Creek LOGGED BY DBR
SECTION (105B)BR-2 LOCATION NE 14 SW 14, SEC. 34, TWP. 26N, R1G. 4W, 3rd PM

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. 090-0038 (EXISTING)
Station 49+23.5
BORING NO. 1 (west pier)
Station 49+39
Offset 14.80R L4 CL
Ground Surface Elev. 487.23 ft

| Surface Water Elev. | Stream Bed Elev. | Groundwater Elev. | First Encounter | Upon Completion | After 24 Hrs. |
|---------------------|------------------|-------------------|-----------------|-----------------|---------------|
| DRY ft | 476.16 ft | | 487.5 ft | 480.3 ft | 476.8 ft |

| Soil Description | Depth (ft) | (R) | (6") | (1st) | (%) |
|-------------------------------------|------------|-----|------|-------|-----|
| No Sample Taken | | | | | |
| Gray CLAY LOAM w/gravel | 485.73 | 2 | | 4.5 | 12 |
| Dark Brown SANDY CLAY LOAM | 483.23 | 2 | 0.7 | 15 | |
| Dark Brown SILTY CLAY LOAM | 479.23 | 1 | 0.5 | 15 | |
| Brown SILTY CLAY | 475.73 | 1 | 1.7 | 19 | |
| Brown FINE SAND w/trace of gravel | 473.23 | 1 | | 13 | |
| Brown MEDIUM SAND w/trace of gravel | 470.73 | 4 | | 7 | |
| Brown/Gray SANDY GRAVEL | 468.23 | 4 | | 13 | |

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)



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COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. 090-0038 (EXISTING)
Station 49+23.5
BORING NO. 1 (west pier)
Station 49+39
Offset 14.80R L4 CL
Ground Surface Elev. 487.23 ft

| Surface Water Elev. | Stream Bed Elev. | Groundwater Elev. | First Encounter | Upon Completion | After 24 Hrs. |
|---------------------|------------------|-------------------|-----------------|-----------------|---------------|
| DRY ft | 476.16 ft | | 487.5 ft | 480.3 ft | 476.8 ft |

| Soil Description | Depth (ft) | (R) | (6") | (1st) | (%) |
|--|------------|-----|------|-------|-----|
| Brown GRAVEL w/boulders (continued) | 445.73 | | | | |
| Brown FINE SAND | 441.73 | 8 | | 21 | |
| * Hole collapsed @ 15.0' @ 24hrs washed sand from augers during drilling End of Boring | | | | | |

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SECTION (105B)BR-2 LOCATION NE 14 SW 14, SEC. 34, TWP. 26N, R1G. 4W, 3rd PM

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. 090-0038 (EXISTING)
Station 49+23.5
BORING NO. 2 (west pier)
Station 49+05
Offset 40.00R R4 CL
Ground Surface Elev. 486.57 ft

| Surface Water Elev. | Stream Bed Elev. | Groundwater Elev. | First Encounter | Upon Completion | After 24 Hrs. |
|---------------------|------------------|-------------------|-----------------|-----------------|---------------|
| DRY ft | 476.16 ft | | 489.3 ft | 479.5 ft | Not Taken |

| Soil Description | Depth (ft) | (R) | (6") | (1st) | (%) |
|--|------------|-----|------|-------|-----|
| No Sample Taken | | | | | |
| Dark Brown SILTY CLAY LOAM w/trace of sand | 485.07 | 2 | 0.7 | 16 | |
| Brown SANDY GRAVEL | 481.57 | 2 | 1.8 | 26 | |
| Brown SILTY CLAY LOAM | 480.07 | 1 | 1.1 | 23 | |
| Brown SANDY CLAY LOAM | 477.57 | 0 | 0.7 | 17 | |
| Brown SANDY GRAVEL | 475.07 | 2 | | 5 | |
| Light Brown FINE SAND | 472.57 | 2 | | 8 | |
| Brown/Gray COARSE SAND | 470.07 | 0 | | 17 | |
| Brown SANDY GRAVEL | 467.57 | 4 | | 14 | |

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)

DATE \$ TIME \$ FILE ABBREV \$

REVISIONS

| NAME | DATE |
|------|------|
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Lin Engineering, Ltd.
Consulting Engineers
Chatham, Illinois

Designed By: RKM Checked By: MTH Drawn By: ADB
Date: 08/2007 File: 090-0175.DGN

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS-1
U.S. ROUTE 150 OVER
LITTLE FARM CREEK
F.A.U. ROUTE 6757 SECTION (105B)BR-2
TAZEWELL COUNTY
STA. 49+20.43
S.N. 090-0175