| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 335 | 119R-2 | LAKE | 439 | 437 |
| STA. 432+83.12 | | TO STA. 470+56.84 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

60B01

Geo Services Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court Suite 204
Naperville, Illinois 60565
(630) 355-2838

# SOIL BORING LOG

PAGE 1 of 1
DATE February 7, 2007
LOGGED BY RH
GSI JOB No. 06119

ROUTE F.A.P. 335 (I. Route 60) DESCRIPTION Illinois Route 60 Bridge Widening and Reconstruction over I-94
SECTION 119R-2 LOCATION T43N R11E Ø1NW-T43N R11E Ø2NE, Vernon Township
COUNTY Lake DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Auto Hammer

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. B-15
Station: 451+91
Offset: 82' Right
Ground Surface Elev. 686.9

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter Dry
Upon Completion Dry
After ____ Hrs.

| DEPTH (ft) | BLOWS /6" | UCS Qu (tsf) | MOIST (%) | Material |
|---|---|---|---|---|
| | AS | | 31 | 8.Ø" SANDY TOPSOIL-dark brown to black |
| | 2 | | | |
| | 3 | | | CLAY-brown & gray spotted black- |
| | 5 | 2.25P | 35 | stiff to very stiff (A-6) Fill, Wet |
| | 2 | | 88 | |
| -5 | 3 | | | |
| | 5 | 1.0B | 28 | |
| | 4 | | 108 | CLAY-brown & gray-stiff (A-6) |
| | 5 | | | |
| | 5 | 1.7B | 19 | |
| | 4 | | 112 | |
| -10 | 7 | | | |
| | 8 | 2.75B | 19 | SILTY CLAY to CLAY-gray- |
| | 6 | | 120 | very stiff to hard (A-6) |
| | 8 | | | |
| | 10 | 4.7B | 15 | |
| | 4 | | | |
| -15 | 6 | | | |
| | 10 | 3.75P | 14 | End Of Boring @ -15.Ø' |
| | | | | Hollow Stem Augers |
| | | | | Dietrich Automatic Hammer |
| -20 | | | | |
| -25 | | | | |
| -30 | | | | |
| -35 | | | | |
| -40 | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS=Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

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# SOIL BORING LOG

PAGE 1 of 1
DATE February 7, 2007
LOGGED BY RH
GSI JOB No. 06119

ROUTE F.A.P. 335 (I. Route 60) DESCRIPTION Illinois Route 60 Bridge Widening and Reconstruction over I-94
SECTION 119R-2 LOCATION T43N R11E Ø1NW-T43N R11E Ø2NE, Vernon Township
COUNTY Lake DRILLING METHOD Hand Auger HAMMER TYPE Manual Hammer

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. B-16
Station: 452+16
Offset: 93' Left
Ground Surface Elev. 684.2

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter Dry
Upon Completion Dry
After ____ Hrs.

| DEPTH (ft) | BLOWS /6" | UCS Qu (tsf) | MOIST (%) | Material |
|---|---|---|---|---|
| | AS | | 18 | 8.Ø" SANDY TOPSOIL-dark brown to black |
| | 4 | | | |
| | 7 | | | CLAY-brown & gray spotted black- |
| | 5 | 3.75P | 18 | very stiff (A-6) Fill |
| | 4 | | 108 | |
| -5 | 5 | | | |
| | 5 | 2.8B | 20 | |
| | 1 | | 74 | CLAY with Organics-dark brown & |
| | 2 | | | gray-soft (A-7) Wet |
| | 2 | Ø.4B | 48 | |
| | 1 | | | |
| -10 | 1 | | | |
| | 1 | Ø.25P | 55 | CLAY with Organics-gray- |
| | 1 | | | very soft (A-7) Wet |
| | 1 | | | |
| | 2 | Ø.25P | 36 | |
| | 2 | | 105 | CLAY-gray-very stiff (A-6) |
| -15 | 5 | | | |
| | 7 | 2.6B | 17 | End Of Boring @ -15.Ø' |
| | | | | Hollow Stem Augers |
| | | | | Dietrich Automatic Hammer |
| -20 | | | | |
| -25 | | | | |
| -30 | | | | |
| -35 | | | | |
| -40 | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS=Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

TYLIN INTERNATIONAL

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS RTE 60 OVER I-94

**SOIL BORING LOGS**
**LOGS B-15 AND B-16**

SCALE: NONE DRAWN BY: MPG
DATE: MAY 8, 2007 CHECKED BY: DMJ

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