| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 335 | 119R-2 | LAKE | 439 | 309 |
| 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 Aurora Court, Suite 204
Naperville, Illinois 60565
(630) 355-2936

# SOIL BORING LOG

PAGE 1 of 1
DATE May 1, 2007
LOGGED BY RT
GSI JOB No. 06119

ROUTE F.A.P. 335 (Il. Route 60) DESCRIPTION Illinois Route 60 Bridge Widening and Reconstruction over I-94
SECTION 119R-2 LOCATION T43N R11E 01NW-T43N R11E 02NE, Vernon Township
COUNTY Lake DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE Hand Auger

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. RW-10A
Station: 438+28
Offset: 53.5' Right
Ground Surface Elev. 699.0

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

| Description | Elev. | DEPTH (ft) | BLOWS /6" | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| CLAY LOAM-brown & gray (Fill) | 698.0 | | AS | 0.5P | 16 |
| CLAY-brown-stiff (A-6) Wet | 696.0 | | AS | 1.5P | 29 |
| Auger Refusal @ -3.0' Unknown Obstruction End Of Boring Hand Auger | | -5 | | | |
| | | -10 | | | |
| | | -15 | | | |
| | | -20 | | | |

| DEPTH (ft) | BLOWS /6" | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|
| -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 May 1, 2007
LOGGED BY RT
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ROUTE F.A.P. 335 (Il. Route 60) DESCRIPTION Illinois Route 60 Bridge Widening and Reconstruction over I-94
SECTION 119R-2 LOCATION T43N R11E 01NW-T43N R11E 02NE, Vernon Township
COUNTY Lake DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE Hand Auger

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. RW-10B
Station: 438+28
Offset: 81.5' Right
Ground Surface Elev. 687.0

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

| Description | Elev. | DEPTH (ft) | BLOWS /6" | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| CLAYEY TOPSOIL-dark brown & black | 686.0 | | AS | - | 24 X |
| CLAY LOAM-dark brown, gray & black-staff (A-6) Fill | 684.0 | | AS | 1.75P | 24 |
| Auger Refusal @ -3.0' Unknown Obstruction End Of Boring Hand Auger | | -5 | | | |
| | | -10 | | | |
| | | -15 | | | |
| | | -20 | | | |

| DEPTH (ft) | BLOWS /6" | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|
| -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

TY·LIN INTERNATIONAL

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS FOR RETAINING WALL VI
ILLINOIS 60 OVER I-94
F.A.P. RTE. 335 SECTION 119R-2

SCALE:
DATE: MAY 8, 2007
DESIGNED BY:
DRAWN BY:
CHECKED BY:

p:\60245811-60\road\60borwall_sht6.dgn
05/09/2007 08:54:44 AM