Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
825 Arnold Blvd., Suite 304
Naperville, Illinois 60565
(630) 355-2838

# SOIL BORING LOG

PAGE 1 of 1
DATE 2/16/2012
LOGGED BY RJ
GSI JOB No. 10193

ROUTE FAI 94
DESCRIPTION I-94 Interchange & Bridge Reconstruction, IDOT Job# D-91-019-11
SECTION 49-1(HB&HB-1)R
LOCATION Newport Township, Sections 4 & 9, T 46 N, R 11 E, 3rd PM
COUNTY Lake
DRILLING METHOD Hand Auger
HAMMER TYPE --
STRUCT. NO. --
Station --
BORING NO. RW-01
Station 2330+18.3
Offset 97.2' Left
Ground Surface Elev. 738.6

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 (%) |
|---|---|---|---|
| 0 | AS | - | 42 |
| | AS | 3.0P | 20 |
| -5 | AS | 2.0P | 20 |
| | AS | 1.0P | 18 |
| -10 | AS | 1.75P | 20 |
| -15 | | | |
| -20 | | | |

TOPSOIL-black
CLAY-brown & gray-stiff to very stiff (A-6)
End Of Boring @ -10.0'
Hand Auger

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ROUTE FAI 94
DESCRIPTION I-94 Interchange & Bridge Reconstruction, IDOT Job# D-91-019-11
SECTION 49-1(HB&HB-1)R
LOCATION Newport Township, Sections 4 & 9, T 46 N, R 11 E, 3rd PM
COUNTY Lake
DRILLING METHOD Hand Auger
HAMMER TYPE --
STRUCT. NO. --
Station --
BORING NO. RW-02
Station 2029+56
Offset 88.1' Left
Ground Surface Elev. 741.5

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 (%) |
|---|---|---|---|
| 0 | AS | 0.5P | 67 |
| | AS | 1.0P | 23 |
| -5 | AS | 1.0P | 24 |
| -10 | | | |
| -15 | | | |
| -20 | | | |

TOPSOIL-black
CLAY-brown & gray-medium stiff (A-6)
Auger Refusal @ -4.0'
End Of Boring
Hand Auger

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PAGE 1 of 1
DATE 2/16/2012
LOGGED BY RJ
GSI JOB No. 10193

ROUTE FAI 94
DESCRIPTION I-94 Interchange & Bridge Reconstruction, IDOT Job# D-91-019-11
SECTION 49-1(HB&HB-1)R
LOCATION Newport Township, Sections 4 & 9, T 46 N, R 11 E, 3rd PM
COUNTY Lake
DRILLING METHOD Hand Auger
HAMMER TYPE --
STRUCT. NO. --
Station --
BORING NO. RW-03
Station 2029+21
Offset 90.8' Left
Ground Surface Elev. 741.6

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 735.6
Upon Completion n/a
After ___ Hrs. ___

| DEPTH (ft) | BLOWS /6" | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|
| 0 | AS | - | 243 |
| | AS | 0.5P | 75 |
| -5 | AS | - | 260 |
| | AS | - | 393 |
| -10 | AS | - | 225 |
| -15 | | | |
| -20 | | | |

PEAT-black (A-8)
End Of Boring @ -10.0'
Hand Auger

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# SOIL BORING LOG

PAGE 1 of 1
DATE 3/16/2012
LOGGED BY MD
GSI JOB No. 10193

ROUTE FAI 94
DESCRIPTION I-94 Interchange & Bridge Reconstruction, IDOT Job# D-91-019-11
SECTION 49-1(HB&HB-1)R
LOCATION Newport Township, Sections 4 & 9, T 46 N, R 11 E, 3rd PM
COUNTY Lake
DRILLING METHOD Hand Auger
HAMMER TYPE --
STRUCT. NO. --
Station --
BORING NO. RW-03A
Station 2029+19.7
Offset 73.4' Left
Ground Surface Elev. 741.6

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 738.6
Upon Completion Cave In
After ___ Hrs. ___

| DEPTH (ft) | BLOWS /6" | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|
| 0 | AS | - | 32 |
| | AS | 0.5P | 18 |
| -5 | AS | 2.25P | 21 |
| | AS | 1.5P | 20 |
| | AS | 3.0P | 18 |
| -10 | AS | 2.75P | 16 |
| | AS | NP | 11 |
| -15 | AS | NP | 11 |
| -20 | | | |

6.0" TOPSOIL-black
CLAY-brown-medium stiff to very stiff (A-6)
SAND with Gravel-brown & gray (A-1)
End Of Boring @ -14.0'
Hand Auger

BORING RW-01

BORING RW-02

BORING RW-03

BORING RW-04

6/19/2012 11:02:36 AM

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| | | | |
|---|---|---|---|
| BOWMAN, BARRETT & ASSOCIATES INC. CONSULTING ENGINEERS Chicago, Illinois 312.228.0100 www.bbandainc.com | USER NAME = | DESIGNED - IYL | REVISED - |
| | | CHECKED - BLU | REVISED - |
| | PLOT SCALE = | DRAWN - MTR | REVISED - |
| | PLOT DATE = | CHECKED - IYL | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SOIL BORING I**
**STRUCTURE NO. 049-W045**
SHEET NO. S-5 OF S-6 SHEETS

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 94 | 49-1-R-1 | LAKE | 677 | 479 |
| | | CONTRACT NO. 60L77 | | |
| | ILLINOIS | FED. AID PROJECT | | |