



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation-D-2

SOIL BORING LOG

Page 1 of 1

ROUTE I-90 DESCRIPTION 64C29 Sign Truss, north of Rockton Road "Exit 3 Rockton Road" DATE 10/12/11
SECTION (X2-1) R LOCATION SEC. TWP. RNG. LOGGED BY W. Garza
COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

| STRUCT. NO. Station | D E P T H | B L O W S | U C S | M O I S T U R E | Surface Water Elev. ft | Stream Bed Elev. ft | Groundwater Elev.: None ft | First Encounter Upon Completion After Hrs. | D E P T H | B L O W S | U C S | M O I S T U R E | Description | Elev. (ft) | SPT (blows) | UCS (tsf) | Moisture (%) |
|--|-----------------------|-----------------------|-------------|--------------------------------------|---------------------------|------------------------|-------------------------------|--|-----------------------|-----------------------|-------------|--------------------------------------|-------------|------------|-------------|-----------|--------------|
| | | | | | | | | | | | | | | | | | |
| MEDIUM dark brown SANDY LOAM | | | 0.8 P | 16.0 | | | | | | | | | | | | | |
| | | | | | 757.10 | | | | | | | | | | | | |
| SOFT brown SANDY LOAM | 1 | | | | | | | | | | | | | | | | |
| | 2 | 0.3 | | 12.0 | | | | | | | | | | | | | |
| | 3 | | P | | 754.60 | | | | | | | | | | | | |
| MEDIUM brown SANDY LOAM with SAND lens | 1 | | | | | | | | | | | | | | | | |
| | 2 | 0.8 | | 15.0 | | | | | | | | | | | | | |
| | 4 | | P | | 771.60 | | | | | | | | | | | | |
| LOOSE light brown dirty SANDY GRAVEL | 0 | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | |
| | 3 | | | | 769.60 | | | | | | | | | | | | |
| LOOSE tan fine SAND | 5 | | | | | | | | | | | | | | | | |
| | 3 | | | | | | | | | | | | | | | | |
| | 2 | | | | 767.10 | | | | | | | | | | | | |
| LOOSE tan clean medium coarse SAND | 0 | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | |
| | 4 | | | | 764.60 | | | | | | | | | | | | |
| MEDIUM tan clean medium coarse SAND | 4 | | | | | | | | | | | | | | | | |
| | 4 | | | | | | | | | | | | | | | | |
| | 7 | | | | 762.10 | | | | | | | | | | | | |
| MEDIUM tan SANDY GRAVEL | 11 | | | | | | | | | | | | | | | | |
| | 10 | | | | | | | | | | | | | | | | |
| | 12 | | | | 759.60 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

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 T208)
BBS, from 137 (Rev. 8-99)



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Division of Highways
Illinois Department of Transportation-D-2

SOIL BORING LOG

Page 1 of 1

ROUTE I-90 DESCRIPTION 64C29 Sign Truss, south of Rockton Road "Pay Toll Ahead 1/2 mile" DATE 10/14/11
SECTION (X2-1) R LOCATION SEC. TWP. RNG. LOGGED BY W. Garza
COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

| STRUCT. NO. Station | D E P T H | B L O W S | U C S | M O I S T U R E | Surface Water Elev. ft | Stream Bed Elev. ft | Groundwater Elev.: None ft | First Encounter Upon Completion After Hrs. | D E P T H | B L O W S | U C S | M O I S T U R E | Description | Elev. (ft) | SPT (blows) | UCS (tsf) | Moisture (%) |
|-------------------------------------|-----------------------|-----------------------|-------------|--------------------------------------|---------------------------|------------------------|-------------------------------|--|-----------------------|-----------------------|-------------|--------------------------------------|-------------|------------|-------------|-----------|--------------|
| | | | | | | | | | | | | | | | | | |
| MEDIUM dark brown SANDY LOAM | | | 0.5 P | | | | | | | | | | | | | | |
| | | | | | 759.80 | | | | | | | | | | | | |
| MEDIUM tan SANDY GRAVEL | 10 | | | | | | | | | | | | | | | | |
| | 9 | | | | | | | | | | | | | | | | |
| | 9 | | | | 756.30 | | | | | | | | | | | | |
| DENSE tan SANDY GRAVEL | 8 | | | | | | | | | | | | | | | | |
| | 14 | | | | | | | | | | | | | | | | |
| | 19 | | | | 753.80 | | | | | | | | | | | | |
| DENSE tan SANDY GRAVEL | 15 | | | | | | | | | | | | | | | | |
| | 21 | | | | | | | | | | | | | | | | |
| | 24 | | | | 751.30 | | | | | | | | | | | | |
| MEDIUM tan SANDY GRAVEL | 9 | | | | | | | | | | | | | | | | |
| | 10 | | | | | | | | | | | | | | | | |
| | 17 | | | | 748.80 | | | | | | | | | | | | |
| MEDIUM tan clean medium coarse SAND | 14 | | | | | | | | | | | | | | | | |
| | 9 | | | | | | | | | | | | | | | | |
| | 10 | | | | 766.30 | | | | | | | | | | | | |
| MEDIUM tan fine SAND | 3 | | | | | | | | | | | | | | | | |
| | 5 | | | | | | | | | | | | | | | | |
| | 8 | | | | 763.80 | | | | | | | | | | | | |
| DENSE tan SANDY GRAVEL | 6 | | | | | | | | | | | | | | | | |
| | 13 | | | | | | | | | | | | | | | | |
| | 17 | | | | 761.30 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)



USER NAME = .USERNAME.
DESIGNED -
DRAWN - JDH
CHECKED - DW
DATE - 10-21-2011

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES SOIL BORING LOGS
I-90 FROM WISCONSIN STATE LINE TO ROCKTON ROAD
SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE. 90 SECTION (X2-1) R COUNTY WINNEBAGO TOTAL SHEETS 307B SHEET NO. 510 CONTRACT NO. 64C29 ILLINOIS FED. AID PROJECT

Rev. 1-9-12