Boring Information taken from Design Drawings:
Elevation 646.0 feet, Station 631+82.00, Offset 4.0 RT

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

# SOIL BORING LOG



Date 1/4/07

ROUTE FAP 646 DESCRIPTION P92-045-06 Bridge over I & M Feeder Canal, IL 40 LOGGED BY Wally Garza

SECTION 101 BR-3 LOCATION Coloma Twp. - 33 SE, SEC. , TWP. 21N, RNG. 7E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 098-0015
Station

BORING NO. B-2
Station 79+50
Offset 0.00ft Ctr. of Median
Ground Surface Elev. 100.00 ft

Surface Water Elev. ft
Stream Bed Elev. 82.00 ft

Groundwater Elev.:
First Encounter 82.5 ft ▼
Upon Completion 94.0 ft ▽
After Hrs. ft

| Description | Elev. | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| Auger boring completed due to presence of high-power lines. | | | | | |
| BROWN sandy ROAD ROCK | | | | | |
| | 97.00 | | | | |
| VERY STIFF dark brown SANDY CLAY LOAM | | | | 2.3 P | 22.0 |
| | 95.00 | -5 | | | |
| VERY STIFF dark brown SANDY LOAM | | | | 2.0 P | 13.0 |
| | 92.50 | | | | |
| STIFF dark brown SANDY LOAM | | | | 1.3 P | 19.0 |
| | 90.00 | -10 | | | |
| MEDIUM dark brown SANDY LOAM | | | | 0.5 P | 14.0 |
| | 87.50 | | | | |
| MEDIUM dark brown SANDY LOAM | | | | 0.5 P | 20.0 |
| | | -15 | | | |
| LOOSE dark gray dirty medium SAND | 84.50 | | | | |
| | 82.50 ▼ | | | | |
| LOOSE gray fluid medium SAND | | | | | |
| | 80.00 | -20 | | | |
| MEDIUM tan clean medium SAND | | | | | |
| | 75.00 | -25 | | | |
| MEDIUM tan gray clean medium SAND with GRAVEL | | | | | |
| | 70.00 | -30 | | | |
| MEDIUM tan-gray, clean, medium SAND with GRAVEL | | | | | |
| Smooth, easy drilling down to 58'. | | | | | |
| | | -35 | | | |
| | | -40 | | | |

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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| Description | Elev. | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| MEDIUM tan-gray, clean, medium SAND with GRAVEL | | | | | |
| Smooth, easy drilling down to 58'. *(continued)* | | | | | |
| | | -45 | | | |
| | | -50 | | | |
| | 47.00 | | | | |
| Rough Med Drilling to 60' | | | | | |
| | | -55 | | | |
| | 40.00 | -60 | | | |

End of Boring

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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