# BORING LOGS

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

## SOIL BORING LOG

Page 1 of 1

Date 7/6/06

ROUTE US 20 DESCRIPTION P92-118-06 Box culvert on US 20, 1.5 m. W. of Stockton LOGGED BY P. Drezen

SECTION LOCATION Stockton Twp. - 10NE, SEC. , TWP. 27N, RNG. 4E

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

STRUCT. NO. 043-1028
Station 585+20

BORING NO. B-1
Station 585+55
Offset 8.00ft Lt CL
Ground Surface Elev. 101.00 ft

Surface Water Elev. ft
Stream Bed Elev. 93.30 ft

Groundwater Elev.:
First Encounter 87.0 ft ▼
Upon Completion ft
After Hrs. ft

| Description | Elev. | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| MEDIUM brown LOAM | | | | 0.7 P | 21.0 |
| | 98.50 | | | | |
| STIFF brown SILTY CLAY | | | 2 4 5 | 1.4 B | 30.0 |
| | 97.00 | -5 | | | |
| STIFF brown SILTY CLAY | | | 2 3 5 | 1.7 B | 23.0 |
| | 94.50 | | | | |
| VERY STIFF brown SILTY CLAY with TILL | | | 2 5 6 | 3.5 P | 25.0 |
| | 92.00 | -10 | | | |
| STIFF brown SILTY CLAY | | | 2 3 5 | 1.7 S | 28.0 |
| | 89.00 | | | | |
| Auger Refusal | | | 30 100/5" | | |
| | 87.50 | | | | |
| End of Boring ▼ | | -15 | | | |
| | | -20 | | | |

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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SECTION LOCATION Stockton Twp. - 10 NE, SEC. , TWP. 27N, RNG. 4E

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

STRUCT. NO. 043-1028
Station 585+20

BORING NO. B-2
Station 584+90
Offset 9.00ft Rt CL
Ground Surface Elev. 98.80 ft

Surface Water Elev. ft
Stream Bed Elev. 93.30 ft

Groundwater Elev.:
First Encounter 87.3 ft ▼
Upon Completion 87.3 ft ▽
After Hrs. ft

| Description | Elev. | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| STIFF brown LOAM | | | | 1.5 P | 19.0 |
| | 96.30 | | | | |
| STIFF black SILTY CLAY | | | 3 4 5 | 1.4 B | 25.0 |
| | 94.80 | -5 | | | |
| STIFF brown SILTY CLAY | | | 1 3 5 | 1.4 B | 25.0 |
| | 92.30 | | | | |
| MEDIUM brown SILTY CLAY | | | 4 5 7 | 1.0 B | 31.0 |
| | 89.80 | -10 | | | |
| MEDIUM brown weathered LIMESTONE and SANDY LOAM ▼ | | | 2 21 26 | 0.8 P | 23.0 |
| | 86.80 | | | | |
| HARD tan weathered LIMESTONE | | | 100/8" | | |
| | 84.80 | | | | |
| End of Boring | | -15 | | | |
| | | -20 | | | |

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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)