# BORING LOGS

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

## SOIL BORING LOG

Page 1 of 1

Date 6/17/09

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 Retaining Wall, .4 m. N. of Townline Road LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Byron Twp. - 36SW, SEC. , TWP. 25N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station

BORING NO. B-7j
Station 1035+00
Offset 18.00ft Rt CL
Ground Surface Elev. 687.50 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

| Description | Elev. | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| MEDIUM dark brown SILTY CLAY LOAM | | | | 0.9 P | 27.0 |
| | 685.50 | | | | |
| MEDIUM brown SILTY CLAY LOAM | | | 2 | | |
| | | | 2 | 0.9 P | 29.0 |
| | 684.00 | | 5 | | |
| STIFF brown SILTY CLAY LOAM | | -5 | 1 | | |
| | | | 2 | 1.2 B | 27.0 |
| | 681.50 | | 4 | | |
| VERY SOFT light brown SILTY LOAM | | | 0 | | |
| | | | 1 | 0.2 B | 27.0 |
| | | | 2 | | |
| | 678.50 | | | | |
| VERY DENSE tan weathered LIMESTONE | 677.50 | -10 | 100/1" | | |
| 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 37 RS-3 LOCATION Byron Twp. - 36SW, SEC. , TWP. 25N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station

BORING NO. B-10j
Station 1036+05
Offset 18.00ft Rt CL
Ground Surface Elev. 686.90 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

| Description | Elev. | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| | 684.90 | | | | |
| MEDIUM brown SILTY CLAY LOAM | | | 3 | | |
| | | | 3 | 0.7 P | 27.0 |
| | 683.40 | | 4 | | |
| STIFF brown SILTY CLAY LOAM | | -5 | 1 | | |
| | | | 3 | 1.1 B | 27.0 |
| | 680.90 | | 5 | | |
| SOFT brown SILTY LOAM | | | 1 | | |
| | | | 1 | 0.3 B | 30.0 |
| | | | 2 | | |
| | 677.90 | | | | |
| VERY DENSE tan weathered LIMESTONE | | -10 | 1 | | |
| | | | 100/6.5" | | |
| Auger Refusal | 675.40 | | | | |
| 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)