Illinois Department of Transportation
Division of Highways
ILLINOIS DEPARTMENT OF TRASPORTATION

# SOIL BORING LOG

Page 1 of 1

Date 9/28/10

ROUTE IL 23 (FAP 68) DESCRIPTION Intersection of IL 23 & Taylor Street in Dekalb LOGGED BY Larry Myers

SECTION (28)N, TS & I LOCATION NW 1/4, SEC. 26, TWP. 40N, RNG. 4E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 1 (S.E. Quad.)
Station 10+75
Offset 34.00ft Lt.
Ground Surface Elev. 882.64 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

| Description | Elev. | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| Augered Black & Brown Silty Clay Loam & Gravel Fill | | | | | |
| | 880.14 | | | | |
| Stiff Brown & Gray Silty Clay | | | 3 | | |
| | | | 4 | 2.0 | 25.5 |
| | | | 5 | P | |
| | | -5 | | | |
| | | | 2 | | |
| | | | 2 | 1.5 | 26.8 |
| | | | 2 | P | |
| | 875.64 | | | | |
| Hard Light Brown Silty Clay Loam Till | | | 3 | | |
| | | | 4 | 4.1 | 14.0 |
| | | | 6 | S | |
| | 872.64 | -10 | | | |
| Stiff to Very Stiff Light Gray Silty Clay and Silt Pockets | | | 2 | | |
| | | | 3 | 2.0 | 15.9 |
| | | | 5 | P | |
| | 870.64 | | | | |
| Very Stiff Reddish Gray Sandy Clay Loam Till | | | 3 | | |
| | | | 3 | 3.1 | 12.2 |
| | | | 4 | B | |
| | | -15 | | | |
| | | | 3 | | |
| | | | 4 | 3.3 | 12.7 |
| | 868.14 | | 5 | B | |
| End of Boring | | | | | |
| | | -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)

Illinois Department of Transportation
Division of Highways
ILLINOIS DEPARTMENT OF TRASPORTATION

# SOIL BORING LOG

Page 1 of 1

Date 9/28/10

ROUTE IL 23 (FAP 68) DESCRIPTION Intersection of IL 23 & Taylor Street in Dekalb LOGGED BY Larry Myers

SECTION (28)N, TS & I LOCATION NE 1/4, SEC. 27, TWP. 40N, RNG. 4E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 2 (S.W. Quad.)
Station 10+58
Offset 42.00ft Rt.
Ground Surface Elev. 881.46 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

| Description | Elev. | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|
| Augered Bituminous, Brown Sand & Gravel Fill, Black Silty Clay Loam Till | | | | | |
| | 878.96 | | | | |
| Very Stiff Black Silty Clay Loam Topsoil Fill | | | 4 | | |
| | | | 4 | 3.5 | 17.7 |
| | 877.46 | | 4 | P | |
| Stiff to Very Stiff Brown Silty Clay Loam Till | | -5 | | | |
| | | | 2 | | |
| | | | 2 | 1.5 | 18.8 |
| | | | 2 | P | |
| | | | 4 | | |
| | | | 5 | 3.6 | 12.7 |
| | | | 6 | B | |
| | 871.96 | -10 | | | |
| Very Stiff Reddish Gray Silty Clay Loam Till | | | 3 | | |
| | | | 4 | 3.4 | 11.3 |
| | | | 5 | B | |
| | 869.46 | | | | |
| Hard Reddish Gray Sandy Clay Loam Till with Sand Seams | | | 5 | | |
| | | | 6 | 4.1 | 9.6 |
| | | | 7 | B | |
| | | -15 | | | |
| | | | 4 | | |
| | | | 5 | 4.0 | 13.3 |
| | 864.96 | | 6 | B | |
| End of Boring | | | | | |
| | | -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)

| | | | |
|---|---|---|---|
| FILE NAME = D366983-SHT-TS-SOILBORING-RT23-TAYLOR.DGN | USER NAME = -- | DESIGNED - DJD | REVISED - ___ |
| | | DRAWN - ARR | REVISED - ___ |
| | PLOT SCALE = 1" = 20' | CHECKED - DJD | REVISED - ___ |
| | PLOT DATE = 01/11 | DATE - 01/11 | REVISED - ___ |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL SOIL BORING PLAN
FAP 68 (IL 23)/FOURTH STREET AND TAYLOR STREET

SCALE: 1" = 20' | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 68 | (28)N, TS & I | DEKALB | 120 | 81 |

CONTRACT NO. 66983

ILLINOIS FED. AID PROJECT