Illinois Department of Transportation
Division of Highways
District 6

# SOIL BORING LOG

Page 1 of 1

Date 83106

ROUTE Clear Lake-Dirksen DESCRIPTION Clear Lake Overhead Sign LOGGED BY M. Tappan
D-6 Spfld-Clearlake
SECTION Dirksen 2002 LOCATION N 14, SEC. 36, TWP. 16 N, RNG. 5 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. None Assigned
Station 21+95

BORING NO. CLOS-3
Station 21+95
Offset 51.0ft RT
Ground Surface Elev. 585.2 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
▽ First Encounter 556.2 ft
▽ Upon Completion 583.2 ft
▼ After 7 Days Hrs. 579.2 ft

| DEPTH (ft) | BLOWS /6" | UCS Qu (tsf) | MOIST (%) | DEPTH (ft) | BLOWS /6" | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|---|---|---|
| Grey and Brown Dry SILTY CLAY LOAM w/some Brick & Cinders (V. Disturbed) Refer Class CLSS-2-1 | 3 | | | Boring Completed | | | |
| | 6<br>7 | 1.7<br>S-11 | 12 | | | | |
| | 4 | | | | | | |
| Brown and Dk Grey Moist w/ some Cinders | 5<br>9 | 1.9<br>S-10 | 17 | | | | |
| 579.20 | | | | | | | |
| Brown and Grey Moist SILTY CLAY LOAM Refer Class H-1-2 | 2<br>1<br>3 | 0.9<br>B | 24 | | | | |
| 576.20 | 1 | | | | | | |
| Brown and Grey Moist Weathered CLAY (Till) Refer Class H-1-3 | 2<br>3 | 1.1<br>B | 26 | | | | |
| 571.70 | 1 | | | | | | |
| | 2<br>3 | 0.9<br>B | 25 | | | | |
| Tannish Grey Moist Sandy SHALE Interbedded w/Lt Brn Poorly Indurated Sandstone | 2<br>16<br>24 | 6<br>E | 20 | | | | |
| Lt. Olive Grey Sandy SHALE (Fissile) ▽ | 10<br>100/3" | 10+<br>E | 11 | | | | |
| Free Water ▽ | 15<br>100/6" | 10+<br>E | 11 | | | | |
| 555.20 | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H – Sampler Advanced By Weight of Hammer, W.O.P – Advanced by Weight of Pipe, B.S. – Before Seating
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 S:\GEOLOGY\ FILES\ENGINEERING\CLEARLAKE\BORINGS.DGN Data Template DOTSMT.DGT Date Printed 10/00
Latitude Longitude Datum NAD83 Adj. Method 2-AM.ADJ.97

Illinois Department of Transportation
Division of Highways
District 6

# SOIL BORING LOG

Page 1 of 1

Date 9606

ROUTE Clear Lake-Dirksen DESCRIPTION Clear Lake Overhead Sign LOGGED BY M. Tappan
D-6 Spfld-Clearlake
SECTION Dirksen 2002 LOCATION S 14, SEC. 25, TWP. 16 N, RNG. 5 W, 3 PM

COUNTY Sangamon DRILLING METHOD Push Split Spoon HAMMER TYPE N/A

STRUCT. NO. None Assigned
Station 21+95

BORING NO. CLOS-4
Station 21+95
Offset 75.0ft LT
Ground Surface Elev. 588.2 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
▽ First Encounter No Encounter ft
▽ Upon Completion No Data ft
▼ After Hrs. Plugged ft

| DEPTH (ft) | BLOWS /6" | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|
| Dark Grey to Grey & Brown Moist SILTY CLAY LOAM (Disturbed) Refer Class CLSS-2-1 | | 1.4<br>S-12 | 26 |
| Brown Moist (Disturbed) | | | |
| 583.20 | | 0.7<br>B | 24 |
| Brown and Grey V. Moist SILTY CLAY LOAM Refer Class H-1-1 | | | |
| -5 | | 0.4<br>B | 30 |
| 580.20 | | | |
| Brown and Grey SILTY CLAY LOAM Refer Class H-1-2 | | 0.7<br>B | 26 |
| 577.20 | | 0.7<br>B | 24 |
| Brown and Grey Moist Weathered CLAY (Till) Refer Class H-1-3 | | | |
| -10 | | 0.8<br>B | 25 |
| 573.20 | | 1.0<br>B | 27 |
| Brown & Grey Weathered Sandy SHALE 572.70 | | | |
| Spoon Refusal – Boring Complete Hole Plugged at 5 ft. | | | |
| -15 | | | |
| -20 | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H – Sampler Advanced By Weight of Hammer, W.O.P – Advanced by Weight of Pipe, B.S. – Before Seating
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 S:\GEOLOGY\ FILES\ENGINEERING\CLEARLAKE\BORINGS.DGN Data Template DOTSMT.DGT Date Printed 10/00
Latitude Longitude Datum NAD83 Adj. Method 2-AM.ADJ.97

SHEET 6 OF 9

| REVISIONS NAME | DATE |
|---|---|
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SOIL BORINGS**
**CLEAR LAKE AVENUE**
**STA. 21+95.00**

SCALE: NONE DRAWN BY MLO
DATE 08/05 CHECKED BY SJK