| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 57 | 10-32HB-3,K | CHAMPAIGN | 352 | 167 |

CONTRACT NO. 90758

Illinois Department of Transportation
Division of Highways
IDOT – Dist 5

# SOIL BORING LOG

Page 1 of 1

Date 61402

ROUTE _____ DESCRIPTION I-57/Curtis Road Interchange LOGGED BY CNA

SECTION 10-32HB-3,K LOCATION NW, SEC. 33, TWP. 19N, RNG. 8E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-0272 (Prop.)
Station _____
BORING NO. 3 I-57 SB Box Culvert
Station 293+90
Offset 55.0 ft Lt.
Ground Surface Elev. 695.0 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter 686.0 ft ▼
Upon Completion _____ ft
After _____ Hrs. _____ ft

| | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|
| **Black Silty Clay** | | | | |
| | | 3 | | |
| | | 2 | | |
| 690.0 | -5 | 3 | | |
| **Gray/Brown Mottled Silty Clay – Silty Clay Loam** | | | | |
| | | 1 | | |
| | | 7 | 0.6 | 31 |
| 687.5 | | 2 | B | |
| **Gray Course Sand** | | | | |
| | | 0 | | |
| | | 0 | | |
| 685.0 | -10 | 1 | | |
| **Brown/Red Oxidized Course Dirty Sand** | | | | |
| | | 3 | | |
| | | 4 | | |
| 682.5 | | 6 | | |
| **Gray Clay Till** | | | | |
| | | 2 | | |
| | | 5 | 3.3 | 13 |
| | -15 | 7 | B | |
| | | | | |
| | | 1 | | |
| | | 3 | 3.1 | 12 |
| | | 7 | B | |
| | | | | |
| | | 2 | | |
| | | 4 | 3.5 | 12 |
| | -20 | 8 | B | |
| **Gray Clay Till (continued)** | | | | |
| | | 2 | | |
| | | 3 | 3.1 | 12 |
| 670.0 | -25 | 6 | B | |
| **End of Boring** | | | | |
| | -30 | | | |
| | -35 | | | |
| | -40 | | | |

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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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Illinois Department of Transportation
Division of Highways
IDOT – Dist 5

# SOIL BORING LOG

Page 1 of 1

Date 61402

ROUTE _____ DESCRIPTION I-57/Curtis Road Interchange LOGGED BY CNA

SECTION 10-32HB-3,K LOCATION NE, SEC. 33, TWP. 19N, RNG. 8E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-0272 (Prop.)
Station _____
BORING NO. 4 I-57 NB Box Culvert
Station 293+90
Offset 55.0 ft Rt.
Ground Surface Elev. 695.0 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter 688.0 ft ▼
Upon Completion _____ ft
After _____ Hrs. _____ ft

| | DEPTH (ft) | BLOWS (/6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|
| **Brown Mottled Silty Clay** | | | | |
| | | 1 | | |
| | | 1 | | 31 |
| 690.0 | -5 | 2 | | |
| **Brown Clay Loam Till** | | | | |
| | | 1 | | |
| ▼ | | 2 | 1.9 | 16 |
| | | 3 | B | |
| | | | | |
| | | 1 | | |
| | | 3 | 2.3 | 15 |
| | -10 | 6 | B | |
| 684.5 | | | | |
| **Gray Clay Till** | | | | |
| | | 1 | | |
| | | 3 | 3.3 | 13 |
| | | 6 | B | |
| | | | | |
| | | 1 | | |
| | | 7 | 5.2 | 11 |
| | -15 | 10 | B | |
| | | | | |
| | | 2 | | |
| | | 8 | 6.6 | 11 |
| | | 11 | B | |
| | | | | |
| | | 2 | | |
| | | 7 | 3.9 | 11 |
| | -20 | 9 | B | |
| **Gray Clay Till (continued)** | | | | |
| | | 4 | | |
| | | 6 | 4.0 | 11 |
| 670.0 | -25 | 8 | B | |
| **End of Boring** | | | | |
| | -30 | | | |
| | -35 | | | |
| | -40 | | | |

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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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