| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| .704 | (1)N &TS-1 | McLEAN | 497 | 294 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

**Illinois Department of Transportation**
Division of Highways
Illinois Department of Transportation

# SOIL BORING LOG

Page 1 of 1

Date 10/14/03

ROUTE FAP 704(I-55BL) DESCRIPTION RETAINING WALL #1; STA 0+549 TO 0+630 LOGGED BY IDOT-LM

SECTION (1)I LOCATION NE 14, SEC. 17, TWP. 23N, RNG. 2E, 3rd PM

COUNTY McLEAN DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO.
Station

BORING NO. 03 6 PTS EXTEN.
Station 601+09
Offset 3.35m LT CL PROP.
Ground Surface Elev. 247.00 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion 243.9 m ▽
After Hrs. m

| Description | Elev. | DEPTH (m) | BLOWS (/150 mm) | UCS Qu (kPa) | MOIST (%) |
|---|---|---|---|---|---|
| AUGERED Brown SILTY CLAY LOAM (FILL) | 248.24 | | | | |
| Very Stiff Brown SILTY CLAY LOAM (FILL) | | | 3 | | |
| | | | 4 5 | 192 P | 21.0 |
| | | -1.5 | | | |
| | | | 4 | | |
| | | | 3 4 | 240 P | 28.0 |
| Soft Gray SILTY LOAM to SILT | 245.02 | | | | |
| | | | 2 | | |
| | | | 2 3 | 48 P | 26.0 |
| | | -3.0 | | | |
| | | | 2 | | |
| | | | 2 4 | 24 P | 28.0 |
| | | | 2 | | |
| | | | 1 3 | 48 P | 28.0 |
| Very Stiff Brown CLAY LOAM TILL | 242.58 | -4.5 | | | |
| | | | 2 | | |
| | | | 4 8 | 316 S | 14.0 |
| Very Stiff Gray SILTY LOAM with SILT Ribbons | 241.82 | | | | |
| | | | 9 | | |
| | | | 14 16 | 268 P | 18.0 |
| | | -6.0 | | | |
| Very Stiff Gray & Brown SANDY LOAM, LOAM & SILTY LOAM | 240.90 | | | | |
| | | | 8 | | |
| | | | 16 21 | 287 P | 16.0 |
| Hard Gray SANDY CLAY LOAM TILL | 239.99 | | | | |
| | | -7.5 | | | |
| | | | 5 | | |
| | | | 10 12 | 489 S | 10.0 |
| End of Boring | 238.92 | | | | |
| | | -9.0 | | | |
| | | -12.0 | | | |

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 Transportation

# SOIL BORING LOG

Page 1 of 1

Date 10/14/03

ROUTE FAP 704(I-55BL) DESCRIPTION RETAINING WALL #1; STA 0+549 TO 0+630 LOGGED BY IDOT-LM

SECTION (1)I LOCATION NE 14, SEC. 17, TWP. 23N, RNG. 2E, 3rd PM

COUNTY McLEAN DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO.
Station

BORING NO. 04 6 PTS EXTEN.
Station 624+09
Offset 3.05m LT CL PROP.
Ground Surface Elev. 248.37 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion NONE m
After Hrs. m

| Description | Elev. | DEPTH (m) | BLOWS (/150 mm) | UCS Qu (kPa) | MOIST (%) |
|---|---|---|---|---|---|
| AUGERED Brown SILTY CLAY LOAM (FILL) | 247.61 | | | | |
| Hard Brown SILTY CLAY LOAM (FILL) | | | 3 | | |
| | | | 4 6 | 431 P | 17.0 |
| Soft Gray CLAY LOAM | 247.00 | -1.5 | | | |
| | | | 3 | | |
| | | | 1 3 | 29 B | 25.0 |
| Very Stiff Brown-Gray CLAY LOAM | 246.24 | | | | |
| | | | 2 | | |
| | | | 5 7 | 211 B | 17.0 |
| Very Stiff Brown-Gray SANDY CLAY LOAM TILL | 245.32 | -3.0 | | | |
| | | | 2 | | |
| | | | 5 9 | 259 B | 14.0 |
| Hard Brown-Gray SANDY CLAY LOAM TILL | 244.71 | | | | |
| | | | 4 | | |
| | | | 8 12 | 402 S | 10.0 |
| Very Stiff Brown SANDY CLAY LOAM TILL | 243.95 | -4.5 | | | |
| | | | 4 | | |
| | | | 7 12 | 364 S | 13.0 |
| Very Stiff Gray SANDY CLAY LOAM TILL | 243.04 | | | | |
| | | | 4 | | |
| | | | 5 9 | 259 B | 10.0 |
| | | -6.0 | | | |
| Very Stiff Gray SANDY CLAY LOAM TILL (continued) | | | 4 | | |
| | | | 5 8 | 316 B | 11.0 |
| Hard Gray SANDY CLAY LOAM TILL | 241.36 | | | | |
| | | -7.5 | | | |
| | | | 6 | | |
| | | | 10 14 | 642 B | 10.0 |
| End of Boring | 240.29 | | | | |
| | | -9.0 | | | |
| | | -10.5 | | | |
| | | -12.0 | | | |

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)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS
RETAINING WALLS

7 OF 10
DATE 10-16-06

DRAWN BY
CHECKED BY PMH

**RETAINING WALLS, BORING LOGS**