

SB-108

SB-108

SB-108

| SOIL BORING LOG | | PAGE 1 of 4 | |
|----------------------|----------|--|-----------|
| ROUTE 170/IL3 | | DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08 | |
| SECTION 82-2-1HVB-1 | | LOCATION I-70 & Illinois Route 3 | |
| COUNTY St. Clair | | DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic | |
| STRUCT. NO. 082-W309 | | Station: --- | |
| BORING NO. SB-108 | | Station: 23+53 | |
| Offset: 41.0' Right | | Ground Surface Elev. 416.3 | |
| DEPTH (ft) | BLU (ft) | UCS (tsf) | MOIST (%) |
| 0 | NP | 15 | |
| 2 | NP | 20 | |
| 4 | NP | 32 | |
| 6 | NP | 60 | |
| 8 | NP | 30 | |
| 10 | NP | 28 | |
| 12 | NP | 29 | |
| 14 | NP | 27 | |
| 16 | NP | 25 | |
| 18 | NP | 22 | |
| 20 | NP | 22 | |
| 22 | NP | 22 | |
| 24 | NP | 22 | |
| 26 | NP | 22 | |
| 28 | NP | 22 | |
| 30 | NP | 22 | |
| 32 | NP | 22 | |
| 34 | NP | 22 | |
| 36 | NP | 22 | |
| 38 | NP | 22 | |
| 40 | NP | 22 | |
| 42 | NP | 22 | |
| 44 | NP | 22 | |
| 46 | NP | 22 | |
| 48 | NP | 22 | |
| 50 | NP | 22 | |

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| BORING NO. SB-108 | | Station: 23+53 | |
| Offset: 41.0' Right | | Ground Surface Elev. 416.3 | |
| DEPTH (ft) | BLU (ft) | UCS (tsf) | MOIST (%) |
| 0 | NP | 20 | |
| 2 | NP | 21 | |
| 4 | NP | 22 | |
| 6 | NP | 32 | |
| 8 | NP | 29 | |
| 10 | NP | 24 | |
| 12 | NP | 24 | |
| 14 | NP | 26 | |
| 16 | NP | 22 | |
| 18 | NP | 22 | |
| 20 | NP | 22 | |
| 22 | NP | 22 | |
| 24 | NP | 22 | |
| 26 | NP | 22 | |
| 28 | NP | 22 | |
| 30 | NP | 22 | |
| 32 | NP | 22 | |
| 34 | NP | 22 | |
| 36 | NP | 22 | |
| 38 | NP | 22 | |
| 40 | NP | 22 | |
| 42 | NP | 22 | |
| 44 | NP | 22 | |
| 46 | NP | 22 | |
| 48 | NP | 22 | |
| 50 | NP | 22 | |

| SOIL BORING LOG | | PAGE 3 of 4 | |
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| STRUCT. NO. 082-W309 | | Station: --- | |
| BORING NO. SB-108 | | Station: 23+53 | |
| Offset: 41.0' Right | | Ground Surface Elev. 416.3 | |
| DEPTH (ft) | BLU (ft) | UCS (tsf) | MOIST (%) |
| 0 | NP | 24 | |
| 2 | NP | 25 | |
| 4 | NP | 19 | |
| 6 | NP | 16 | |
| 8 | NP | 15 | |
| 10 | NP | 15 | |
| 12 | NP | 15 | |
| 14 | NP | 15 | |
| 16 | NP | 15 | |
| 18 | NP | 15 | |
| 20 | NP | 15 | |
| 22 | NP | 15 | |
| 24 | NP | 15 | |
| 26 | NP | 15 | |
| 28 | NP | 15 | |
| 30 | NP | 15 | |
| 32 | NP | 15 | |
| 34 | NP | 15 | |
| 36 | NP | 15 | |
| 38 | NP | 15 | |
| 40 | NP | 15 | |
| 42 | NP | 15 | |
| 44 | NP | 15 | |
| 46 | NP | 15 | |
| 48 | NP | 15 | |
| 50 | NP | 15 | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B)-Bulge, (S)-Shear, (P)-Penetrometer, (ST)-Shelby Tube Sample, (VS)-Vane Shear Test. The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). The Unit Dry Weight (pcf) is noted in italics above moist (%). NR-No Recovery.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B)-Bulge, (S)-Shear, (P)-Penetrometer, (ST)-Shelby Tube Sample, (VS)-Vane Shear Test. The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). The Unit Dry Weight (pcf) is noted in italics above moist (%). NR-No Recovery.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B)-Bulge, (S)-Shear, (P)-Penetrometer, (ST)-Shelby Tube Sample, (VS)-Vane Shear Test. The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). The Unit Dry Weight (pcf) is noted in italics above moist (%). NR-No Recovery.

5-11-2011, 10:51:47
 \\FS-0044\ARK\VAL\LD-TRANS-07\2202\2008-08\STRUCT\CAD\01-DESIGN\082W309\082W309-SHEET-082W309-CDNN-12-011-SHT-MS.DGN
 5-11-2011, 10:51:47
 \\FS-0044\ARK\VAL\LD-TRANS-07\2202\2008-08\STRUCT\CAD\01-DESIGN\082W309\082W309-SHEET-082W309-CDNN-12-011-SHT-MS.DGN

| | | | | | | | | | | | | |
|-------------|----------------------|-----------------|-----------|--|--|--------------------------|----------------------------------|-----------------------------------|------------------|---|---------------|--|
| FILE NAME = | USER NAME = #USER# | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION RETAINING WALL | SOIL BORING LOGS 11 OF 26 | | F.A.P. RTE. 998 | SECTION 82-2-1HVB-1 | COUNTY ST. CLAIR | TOTAL SHEETS 345 | SHEET NO. 297 | |
| FILE# | PLOT SCALE = #SCALE# | DRAWN - TCC | REVISED - | | SCALE: | SHEET NO. RB-17 OF RB-32 | STA. 801+75.00 TO STA. 809+75.00 | SN 082-W309 CONTRACT NO. 76D05 | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | |
| | PLOT DATE = #DATE# | CHECKED - | REVISED - | | | | | | | | | |
| | | DATE - 05/13/11 | REVISED - | | | | | | | | | |

