



SOIL BORING LOG

Date 09/20-21/05

ROUTE FAP 315 DESCRIPTION IL 336 Macomb Bypass (Northwest Corridor) - US 136 over IL 336 LOGGED BY SCI (BCR)

SECTION 55-3 LOCATION Prop. East Abutment, NE 1/4, SEC. 4, TWP. 5 N, RNG. 3 W, 4th PM, Latitude 40° 26' 53.688298" N, Longitude 90° 44' 16.102604" W

COUNTY McDonough DRILLING METHOD CME 1050 w/HSA HAMMER TYPE Automatic

| STRUCT. NO. | 055-0063 | DEPT | BLOW | UCS | MOIST | Surface Water Elev. | ft | DEPT | BLOW | UCS | MOIST |
|--------------------------------|--------------------|------|------|-----|-------|---------------------|----------|------|------|-----|-------|
| Station | 513+75.51 (US 136) | H | 2 | 0.7 | 30 | Stream Bed Elev. | ft | H | 7 | 4.6 | 12 |
| BORING NO. | B-601 | S | 3 | B | | Groundwater Elev.: | | S | 17 | B | |
| Station | 514+82 (US 136) | Qu | 2 | 0.7 | 29 | First Encounter | 641.5 ft | Qu | 9 | 4.6 | 13 |
| Offset | 46.5 ft RT | | 3 | B | | Upon Completion | Not Obs | | 16 | B | |
| Ground Surface Elev. | 690.00 ft | | -5 | | | After 24 Hrs. | 656.0 ft | | -25 | | |
| FILL: Crushed rock 689.5 | | | | | | | | | | | |
| Brown and gray CLAY, A-7 | | | | | | | | | | | |
| 686.4 | | | | | | | | | | | |
| Brown and gray SILTY CLAY, A-6 | | | | | | | | | | | |
| 684.5 | | | | | | | | | | | |
| Brown and gray CLAY, A-7 | | | | | | | | | | | |
| 663.2 | | | | | | | | | | | |
| Brown CLAY LOAM, A-4 | | | | | | | | | | | |
| 661.7 | | | | | | | | | | | |
| Brown CLAY, A-7 | | | | | | | | | | | |
| 658.0 | | | | | | | | | | | |
| Brown SANDY LOAM, A-2 | | | | | | | | | | | |
| 655.7 | | | | | | | | | | | |
| Brown and gray CLAY, A-7 | | | | | | | | | | | |
| 610.5 | | | | | | | | | | | |
| Brown and gray SHALE | | | | | | | | | | | |

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, form 137 (Rev. 8-99)



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|--------------------------------------|--------------------|------|------|-----|-------|---------------------|----------|------|------|-----|-------|
| Station | 513+75.51 (US 136) | H | 2 | 0.7 | 30 | Stream Bed Elev. | ft | H | 7 | 4.6 | 12 |
| BORING NO. | B-601 | S | 3 | B | | Groundwater Elev.: | | S | 17 | B | |
| Station | 514+82 (US 136) | Qu | 2 | 0.7 | 29 | First Encounter | 641.5 ft | Qu | 9 | 4.6 | 13 |
| Offset | 46.5 ft RT | | 3 | B | | Upon Completion | Not Obs | | 16 | B | |
| Ground Surface Elev. | 690.00 ft | | -5 | | | After 24 Hrs. | 656.0 ft | | -25 | | |
| Brown and gray CLAY, A-7 (continued) | | | | | | | | | | | |
| 645.9 | | | | | | | | | | | |
| Gray CLAY LOAM, A-4 | | | | | | | | | | | |
| 643.0 | | | | | | | | | | | |
| Brown SAND, A-3 | | | | | | | | | | | |
| 641.7 | | | | | | | | | | | |
| Brown and gray CLAY, A-7 | | | | | | | | | | | |
| 618.0 | | | | | | | | | | | |
| Brown and gray CLAY, A-7 | | | | | | | | | | | |
| 610.5 | | | | | | | | | | | |
| Brown and gray SHALE | | | | | | | | | | | |

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|----------------------------------|--------------------|------|------|-----|-------|---------------------|----------|------|------|-----|-------|
| Station | 513+75.51 (US 136) | H | 2 | 0.7 | 30 | Stream Bed Elev. | ft | H | 7 | 4.6 | 12 |
| BORING NO. | B-601 | S | 3 | B | | Groundwater Elev.: | | S | 17 | B | |
| Station | 514+82 (US 136) | Qu | 2 | 0.7 | 29 | First Encounter | 641.5 ft | Qu | 9 | 4.6 | 13 |
| Offset | 46.5 ft RT | | 3 | B | | Upon Completion | Not Obs | | 16 | B | |
| Ground Surface Elev. | 690.00 ft | | -5 | | | After 24 Hrs. | 656.0 ft | | -25 | | |
| Brown and gray SHALE (continued) | | | | | | | | | | | |
| 608.0 | | | | | | | | | | | |
| Black ORGANIC SILT, A-4 | | | | | | | | | | | |
| 606.2 | | | | | | | | | | | |
| Gray CLAY, A-7 | | | | | | | | | | | |
| 601.0 | | | | | | | | | | | |
| Gray CLAYEY SHALE | | | | | | | | | | | |
| 595.3 | | | | | | | | | | | |
| Boring Terminated at 94.8 ft. | | | | | | | | | | | |

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