Project No.: 11-0015
Project: ACHD - Cannonball Road Bridge
Client: Adams County Highway Department
Boring No.: 2

## Boring Log

Rig: CME 75
Location: Quincy, Illinois
Driller: MAS

| Depth (ft.) | Symbol | Description | Qp, T.S.F. | Dry Density, P.C.F. | Depth/Elev. | Sample Number | Type | Blows/ft. | Qu, T.S.F. | Standard Penetration Test blows/ft. | Water Content % (Wp — Wl) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 710.2 | | | | | | |
| 35 | | Yellow Brown Sandy Silty Clay, Trace Gravel, Hard, (CL) | 4.5+ | | | 7 | SS | 25 | | 25 | 14.4 |
| 40 | | Mottled Light Gray, Trace Gravel, Hard, (CL) | 4.5+ | 120.5 | | 8 | SS | 23 | 5.26 | 23 | 14.5 |
| 45 | | Trace Gravel, Hard, (CL) | 4.5+ | | | 9 | SS | 20 | | 20 | 14.4 |
| 50 | | Trace Gravel, Hard, (CL) | 4.5+ | 117.1 | | 10 | SS | 17 | 4.86 | 17 | 14.8 |
| 55 | | Yellow Brown, Trace Gravel, Very Stiff, (CL) | 4.50 | | | 11 | SS | 19 | | 19 | 15.6 |
| 60 | | Trace Gravel, Very Stiff, (CL) | 4.5+ | | | 12 | SS | 21 | | 21 | 15.0 |
| 65 | | | | | 677.7 | | | | | | |

Drill Method: 3 1/4" HSA
Boring Started: 6-17-2011
Boring Completed: 6-17-2011
Tested By: BJS
Logging By: PEB/BJS

GEOTECHNICS
Soil & Material Testing

Groundwater Elev. During Drilling: 722.7
Groundwater Elev. @ Comp.:
Groundwater Elev. @ Hrs.:
Boring Location: 15'S,12'E, S Abutement
Sheet 2 of 3

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 677.7 | | | | | | |
| 65 | | Yellow Brown mottled Light Gray Sandy Silty Clay, with Silt Lenses, Trace Gravel, Very Stiff, (CL) | 4.5+ | 118.2 | | 13 | SS | 18 | 3.36 | 16 | 15.4 |
| 70 | | Yellow Brown mottled Light Gray Elastic Silt, Medium Dense, (MH) | 4.5+ | 103.2 | 672.7<br>70.0 | 14 | SS | 28 | 4.65 | 28 | 23.0 |
| 75 | | Yellow Brown Silt, Medium Dense, (ML) | | | 667.7<br>75.0 | 15 | SS | 17 | | 17 | 27.8 |
| 80 | | Medium Dense, (ML) | | | | 16 | SS | 16 | | 16 | 27.2 |
| | | End of Boring @ 81½ Ft. | | | 661.2<br>81.5 | | | | | | |
| 85 | | | | | | | | | | | |
| 90 | | | | | | | | | | | |
| 95 | | | | | | | | | | | |

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Groundwater Elev. @ Comp.:
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*BORING B-2 (CONTINUED)*