



BORING LOG RW-37

wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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WEI Job No.: 119-20-01
Client: **URS Corporation**
Project: **US Rte 34 Grade Separation over the CNRR**
Location: **SE 1/4 Section 29, T. 38N, R. 9E 3rd PM**

Datum: NAV88
Elevation: 708.78 ft
North: 1849891.62 ft
East: 1012187.63 ft
Station: 132+09.57
Offset: 25.29 LT

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type recovery | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type recovery | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) |
|---|---|------------|----------------------|------------|-----------------------|-----------|----------------------|--|---------------------------|------------|----------------------|------------|-----------------------|----------|----------------------|
| 707.8 | 12-inch thick TOPSOIL --TOPSOIL-- | | | | | | | | | | | | | | |
| | Dense, brown and dark gray SILTY LOAM, trace gravel and organic matter | | X | 1 | 8 10 26 | NP | 9 | | | | | | | | |
| 705.8 | Medium stiff to very stiff, black and gray SILTY CLAY, trace organic matter | | X | 2 | 6 4 4 | 2.05 B | 18 | | | | | | | | |
| | | 5 | | | | | | | | | | | | | |
| | | | X | 3 | 2 2 3 | 0.57 B | 25 | | | | | | | | |
| 700.8 | Medium stiff to hard, gray SILTY CLAY, trace gravel | | X | 4 | 1 2 1 | 0.49 B | 19 | | | | | | | | |
| | | 10 | | | | | | | | | | | | | |
| | | | X | 5 | 2 4 6 | 0.90 B | 13 | | | | | | | | |
| | | | X | 6 | 3 5 8 | 2.87 B | 18 | | | | | | | | |
| | | 15 | | | | | | | | | | | | | |
| | | | X | 7 | 4 6 9 | 5.49 B | 21 | | | | | | | | |
| | | | X | 8 | 3 5 7 | 3.28 B | 15 | | | | | | | | |
| | | 20 | | | | | | | | | | | | | |
| 688.8 | Boring terminated at 20.00 ft | | | | | | | | | | | | | | |
| GENERAL NOTES | | | | | | | | WATER LEVEL DATA | | | | | | | |
| Begin Drilling 06-26-2012 Complete Drilling 06-26-2012 | | | | | | | | While Drilling <input checked="" type="checkbox"/> DRY | | | | | | | |
| Drilling Contractor Wang Testing Service Drill Rig D-50 TMR | | | | | | | | At Completion of Drilling <input checked="" type="checkbox"/> DRY | | | | | | | |
| Driller R&N Logger J. Lundin Checked by M. Snider | | | | | | | | Time After Drilling NA | | | | | | | |
| Drilling Method 3.25" IDA HSA; Boring backfilled upon completion | | | | | | | | Depth to Water <input checked="" type="checkbox"/> NA | | | | | | | |
| The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual. | | | | | | | | | | | | | | | |

WANGENGINC_1192001.GPJ; WANGENG.GDT 8/6/12



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Client: **URS Corporation**
Project: **US Rte 34 Grade Separation over the CNRR**
Location: **SE 1/4 Section 29, T. 38N, R. 9E 3rd PM**

Datum: NAV88
Elevation: 708.34 ft
North: 1849931.20 ft
East: 1012279.98 ft
Station: 133+10.04
Offset: 25.02 LT

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type recovery | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type recovery | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) |
|---|--|------------|----------------------|------------|-----------------------|-----------|----------------------|---|---------------------------|------------|----------------------|------------|-----------------------|----------|----------------------|
| 707.3 | 12-inch thick TOPSOIL --TOPSOIL-- | | | | | | | | | | | | | | |
| | Medium dense, black and brown SILTY LOAM, trace organic matter and gravel | | X | 1 | 11 10 11 | NP | 12 | | | | | | | | |
| 705.3 | --FILL-- Very stiff, gray and brown SILTY CLAY, some gravel | | X | 2 | 4 4 5 | 2.00 P | 20 | | | | | | | | |
| | | 5 | | | | | | | | | | | | | |
| 702.8 | Soft to stiff black, gray, brown SILTY CLAY, trace organic matter and gravel | | X | 3 | 4 3 5 | 1.31 B | 24 | | | | | | | | |
| | | | X | 4 | 3 4 4 | 1.50 P | 16 | | | | | | | | |
| | | 10 | | | | | | | | | | | | | |
| | | | X | 5 | 6 50 | 0.25 P | 12 | | | | | | | | |
| | | | X | 6 | 6 50/3 | 1.00 P | 13 | | | | | | | | |
| | | 15 | | | | | | | | | | | | | |
| 693.3 | Boring terminated at 15.00 ft | | | | | | | | | | | | | | |
| GENERAL NOTES | | | | | | | | WATER LEVEL DATA | | | | | | | |
| Begin Drilling 06-26-2012 Complete Drilling 06-26-2012 | | | | | | | | While Drilling <input checked="" type="checkbox"/> 11.00 ft | | | | | | | |
| Drilling Contractor Wang Testing Service Drill Rig D-50 TMR | | | | | | | | At Completion of Drilling <input checked="" type="checkbox"/> 11.00 ft | | | | | | | |
| Driller R&N Logger J. Lundin Checked by M. Snider | | | | | | | | Time After Drilling NA | | | | | | | |
| Drilling Method 3.25" IDA HSA; Boring backfilled upon completion | | | | | | | | Depth to Water <input checked="" type="checkbox"/> NA | | | | | | | |
| The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual. | | | | | | | | | | | | | | | |

WANGENGINC_1192001.GPJ; WANGENG.GDT 8/6/12



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|------------------------|----------------|---------|
| USER NAME = | DESIGNED - KMP | REVISED |
| | CHECKED - AMK | REVISED |
| PLOT SCALE = | DRAWN - KMP | REVISED |
| PLOT DATE = 02/28/2014 | CHECKED - NPP | REVISED |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS 7
STRUCTURE NO. 022-W070

SHEET NO. NE-18 OF NE-18 SHEETS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|---------|--------|--------------|-----------|
| 311 | 652-A | DuPAGE | 383 | 265 |
| CONTRACT NO. 60R06 | | | | |

ILLINOIS FED. AID PROJECT