



SOIL BORING LOG

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 DATE 4/30/2012
 LOGGED BY RT
 GSI JOB No. 09173

ROUTE IL Route 59 (FAP 338) DESCRIPTION Illinois Route 59-Aurora Avenue/New York Street To Ferry Road
 SECTION (112 & 113) WRS-5 LOCATION SEC. 3, 9-10, 15-16, 21-22 TWP. 38N, RNG. 9E, Noperville Township
 COUNTY DuPage DRILLING METHOD Hand Auger HAMMER TYPE n/a

STRUCT. NO. 022-W064 Surface Water Elev. n/a
 Station: 4048+90 to 4052+85.09 Stream Bed Elev. n/a
 BORING NO. RW-66 Groundwater Elevation:
 Station: 4052+73 IL RTE-59 First Encounter 696.6 ▼
 Offset: 133.2' Right Upon Completion ▼
 Ground Surface Elev. 702.6 (ft) / (6" (tsf) (%) After Hrs. ▼

| DEPTH (ft) | DRILLING METHOD | UNIT WEIGHT (pcf) | MOISTURE (%) | TEST TYPE | DEPTH (ft) | DRILLING METHOD | UNIT WEIGHT (pcf) | MOISTURE (%) | TEST TYPE |
|------------|-----------------|-------------------|--------------|--|------------|-----------------|-------------------|--------------|-----------|
| 0 | HA | | 27 | TOPSOIL-black | 0 | HA | | | |
| 700.1 | HA | 1.0P | 25 | SILTY CLAY-dark brown & gray-stiff (A-6) Wet | 700.1 | HA | 1.0P | 25 | |
| 698.1 | HA | 1.75P | 20 | | 698.1 | HA | 1.75P | 20 | |
| | HA | 4.5+P | 16 | CLAY-brown & gray-stiff to hard (A-6) | | HA | 4.5+P | 16 | |
| | HA | 4.5P | 19 | | | HA | 4.5P | 19 | |
| 690.6 | HA | 3.0P | 21 | | 690.6 | HA | 3.0P | 21 | |
| | | | | Auger Refusal @ -12.0' | | | | | |
| | | | | End Of Boring | | | | | |
| | | | | Hand Auger | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Burns, S-Shear, P-Penetrometer) SI-Sheep Foot Sample VS-Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO 1206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 RR-No Recovery HA-Hand Auger

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|---|----------------|---------|---|---|---------------------------|-------------------|--------|--------------|-----------|
| KNIGHT Engineers & Architects | DESIGNED - GSI | REVISED | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SOIL BORING LOGS STRUCTURE NUMBER 022-W064 | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | CHECKED - WPM | REVISED | | | 338 | (112 & 113) WRS-5 | DUPAGE | 963 | 661 |
| SCALE - NONE | DRAWN - TB | REVISED | SHEET NO. SC-10 OF 10 SHEETS | | CONTRACT NO. 60131 | | | | |
| DATE - 10/15/2012 | CHECKED - WPM | REVISED | | | ILLINOIS FED. AID PROJECT | | | | |