

BORING NO. AR-067 (1 OF 1)

BORING NO. AR-068 (1 OF 1)

BORING LOG AR-067 Page 1 of 1

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
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100 Fairbank Street
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Telephone: 630 458-0700
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WEI Job No.: 255-08-01
Client: American Consulting Engineers
Project: FAI 80/94, I-294 to US 41
Location: s13 T36N R10W & s29 R15E T36N

Datum: USGS
Elevation: 181.78 m
North: 545497.50 m
East: 367288.18 m
Station: 74849.23
Offset: 28.78 LT

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Client: American Consulting Engineers
Project: FAI 80/94, I-294 to US 41
Location: s13 T36N R10W & s29 R15E T36N

Datum: USGS
Elevation: 182.18 m
North: 545484.99 m
East: 367325.37 m
Station: 74887.86
Offset: 25.56 LT

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | N Values (blows/150 mm) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | N Values (blows/150 mm) | Moisture Content (%) |
|------------------------|---|--------------------|------------|-------------------------|----------------------|------------------------|---------------------------|------------|------------|-------------------------|----------------------|
| 184.0 | Dark brown SILTY LOAM to LOAM ---TOPSOIL--- Very stiff, brown and gray SILTY CLAY ---FILL--- | 2 3 4 6 | 1 | 263 | P | 184.0 | | | | | |
| 180.1 | Very stiff to hard, brown CLAY | 2 3 5 | 2 | 236 | S | 180.1 | | | | | |
| 178.6 | Stiff, gray CLAY | 3 4 6 | 3 | 393 | B | 178.6 | | | | | |
| 177.4 | Medium dense, gray SILT | 3 4 9 | 4 | 346 | B | 177.4 | | | | | |
| 176.3 | Stiff, gray CLAY | 3 5 5 | 5 | 189 | B | 176.3 | | | | | |
| 175.7 | Boring terminated at 6.10 m | 3 5 12 15 | 7 | NP | 19 | 175.7 | | | | | |
| | | 4 4 4 | 8 | 157 | B | | | | | | |

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | N Values (blows/150 mm) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | N Values (blows/150 mm) | Moisture Content (%) |
|------------------------|---|------------------|------------|-------------------------|----------------------|------------------------|---------------------------|------------|------------|-------------------------|----------------------|
| 181.8 | Black SANDY LOAM ---TOPSOIL--- Stiff to hard, black, brown and gray SILTY CLAY LOAM ---FILL--- | 1 8 9 8 | 1 | 243 | P | 181.8 | | | | | |
| 178.7 | Very stiff, brown CLAY | 2 4 6 | 2 | 354 | B | 178.7 | | | | | |
| 179.0 | Stiff, gray CLAY | 1 1 2 | 3 | 168 | P | 179.0 | | | | | |
| 178.2 | Medium dense, gray SILT | 1 2 2 | 4 | 290 | S | 178.2 | | | | | |
| 177.1 | Stiff, gray CLAY | 2 3 3 | 5 | 189 | B | 177.1 | | | | | |
| 176.1 | Boring terminated at 6.10 m | 2 3 7 | 6 | 192 | B | 176.1 | | | | | |
| | | 3 4 4 | 7 | 189 | B | | | | | | |
| | | 3 4 4 | 8 | 142 | B | | | | | | |

GENERAL NOTES

Begin Drilling 10-02-2001 Complete Drilling 10-02-2001
Drilling Contractor TSC Drill Rig B-61
Driller GAF Logger B. Fugiel Checked by B. Fugiel
Drilling Method 2.75-in. HSA; Grouted upon completion

WATER LEVEL DATA

While Drilling DRY
At Completion of Drilling DRY
Time After Drilling NA
Depth to Water NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

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Time After Drilling NA
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| | |
|----------|-----|
| DESIGNED | MJW |
| CHECKED | KFA |
| DRAWN | MJB |
| CHECKED | GSP |

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94/US 6
KINGERY-BORMAN EXPRESSWAY
BURNHAM ROAD TO US 41

BORING LOGS (3 OF 3)
SECTION 2626.2-R-1
COOK COUNTY
STATION 7+609.549 TO STATION 7+893.827
STRUCTURE NO. 016-W856
DATE 07/05

AMERICAN
CONSULTING ENGINEERS