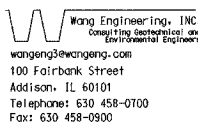


BORING NO. AR-077 (1 OF 2)


BORING NO. AR-077 (2 OF 2)


Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
 wangeng3@wangen.com
 100 Fairbank Street
 Addison, IL 60101
 Telephone: 630 458-0700
 Fax: 630 458-0900

BORING LOG AR-077
 WE1 Job No.: 255-08-01
 Datum: USGS
 Elevation: 182.19 m
 North: 545425.73 m
 East: 367353.62 m
 Station: 7+930.56
 Offset: 24.29 RT

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

Page 1 of 2


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Page 2 of 2


| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | N Values (blows/150 mm) | Du (kPa) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | N Values (blows/150 mm) | Du (kPa) | Moisture Content (%) |
|------------------------|--|------------|------------|-------------------------|----------|----------------------|------------------------|---------------------------|------------|------------|-------------------------|----------|----------------------|
| 184.8 | Black SANDY LOAM --TOPSOIL-- Very stiff to hard, brown and gray SILTY CLAY --FILL-- | 0 | 1 | 456 | 21 | | | | 0 | 11 | 456 | 21 | |
| 180.5 | Very stiff to hard, brown CLAY | 1 | 2 | 330 | 19 | | | | 1 | 12 | 330 | 19 | |
| 179.0 | Stiff gray CLAY | 2 | 3 | 212 | 21 | | | | 2 | 13 | 212 | 21 | |
| 178.7 | Stiff, gray SILTY CLAY | 3 | 4 | 432 | 19 | | | | 3 | 14 | 432 | 19 | |
| 178.2 | Stiff to very stiff, gray CLAY | 4 | 5 | 172 | 18 | | | | 4 | 15 | 172 | 18 | |
| 167.0 | Very stiff to hard, gray SILTY CLAY | 5 | 6 | 189 | 18 | | | | 5 | 16 | 189 | 18 | |
| | | 6 | 7 | 189 | 18 | | | | 6 | 17 | 189 | 18 | |
| | | 7 | 8 | 157 | 22 | | | | 7 | 18 | 157 | 22 | |
| | | 8 | 9 | 125 | 18 | | | | 8 | 19 | 125 | 18 | |
| | | 9 | 10 | 267 | 15 | | | | 9 | 20 | 267 | 15 | |

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | N Values (blows/150 mm) | Du (kPa) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | N Values (blows/150 mm) | Du (kPa) | Moisture Content (%) |
|------------------------|------------------------------|------------|------------|-------------------------|----------|----------------------|------------------------|---------------------------|------------|------------|-------------------------|----------|----------------------|
| | Boring terminated at 15.24 m | 15.24 | | | | | | | 15.24 | | | | |

| | | | |
|--|--|--|--|
| GENERAL NOTES Begin Drilling <u>10-12-2001</u> Complete Drilling <u>10-12-2001</u> Drilling Contractor <u>TSC</u> Drill Rig <u>B-61</u> Driller <u>G&F</u> Logger <u>B. Fugiel</u> checked by <u>B. Fugiel</u> Drilling Method <u>3.25-in. HSA; Grouted upon completion</u> | | WATER LEVEL DATA While Drilling <input checked="" type="checkbox"/> DRY At Completion of Drilling <input checked="" type="checkbox"/> DRY Time After Drilling <u>NA</u> Depth to Water <input checked="" type="checkbox"/> NA <small>The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.</small> | |
|--|--|--|--|

| | | | |
|--|--|--|--|
| GENERAL NOTES Begin Drilling <u>10-12-2001</u> Complete Drilling <u>10-12-2001</u> Drilling Contractor <u>TSC</u> Drill Rig <u>B-61</u> Driller <u>G&F</u> Logger <u>B. Fugiel</u> checked by <u>B. Fugiel</u> Drilling Method <u>3.25-in. HSA; Grouted upon completion</u> | | WATER LEVEL DATA While Drilling <input checked="" type="checkbox"/> DRY At Completion of Drilling <input checked="" type="checkbox"/> DRY Time After Drilling <u>NA</u> Depth to Water <input checked="" type="checkbox"/> NA <small>The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.</small> | |
|--|--|--|--|

| | |
|----------|-----|
| DESIGNED | MJW |
| CHECKED | KFA |
| DRAWN | MJB |
| CHECKED | GSP |

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-80/94/US 6
 KINCERY-BORNHAY EXPRESSWAY
 BURNHAM ROAD TO US 41
BORING LOGS (2 OF 2)
SECTION 2626.2-R-1
COOK COUNTY
STATION 7+821.737 TO STATION 7+960.424
STRUCTURE NO. 016-W855
 DATE 07/04

AMERICAN
 CONSULTING ENGINEERS