| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F.A.I. 80/94 | 2626.2-R-1-2 | LAKE COUNTY, INDIANA | 452 | 304 |
| | | ILLINOIS FED. AID PROJECT- | | |

SHEET NO. S-72
72 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

## BORING NO. AB-24 (2 OF 2)


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


### BORING LOG AB-24



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: NGVD
Elevation: 190.57 m
North: 545209.11 m
East: 367989.76 m
Station: 8+604.21
Offset: 19.89 RT

| Profile | Elevation (m) | SOIL AND ROCK DESCRIPTION | Depth (m) | Sample Type / recovery | Sample No. | N Values (b/w/150 mm) | Qu (kPa) | Moisture Content (%) |
|---|---|---|---|---|---|---|---|---|
| | 174.7 | Stiff to very stiff, gray CLAY | | | | | | |
| | | A-7-6 (24) LL=41%, PL=18% GRAVEL=0.0% SAND=1.5% SILT=28.1% CLAY=70.4% | 18 | | 18 | 1 2 3 | 157 B | 27 |
| | | | 19 | | 19 | 2 4 4 | 196 B | 21 |
| | | | 20 | | 20 | 3 4 5 | 196 B | 21 |
| | | | 21 | | 21 | 3 4 5 | 220 B | 22 |
| | | | 22 | | 22 | 4 5 7 | 236 B | 22 |
| | 167.1 | Very stiff to hard, gray SILTY CLAY | | | | | | |
| | | | 23 | | 23 | 4 7 12 | 354 B | 17 |
| | | | 24 | | 24 | 14 15 22 | 707 S | 11 |
| | | | 25 | | 25 | 7 12 17 | 731 S | 12 |
| | | | 26 | | 26 | 8 10 16 | NR | |
| | | | 27 | | 27 | 11 19 21 20 | 628 B | 12 |
| | 161.0 | Boring terminated at 29.57 m | 30 | | | | | |

**GENERAL NOTES**

Begin Drilling 01-23-2002 Complete Drilling 01-23-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&J Logger B. Fugiel Checked by N. Davis
Drilling Method Mud Rotary; Grouted upon completion

**WATER LEVEL DATA**

While Drilling ▽ –
At Completion of Drilling ▽ –
Time After Drilling – hours
Depth to Water ▽ m

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

MANGENGINE 255WEL.GPJ MANGENL.GDT 6/13/03

| | |
|---|---|
| DESIGNED | BHS |
| CHECKED | KFA |
| DRAWN | CAK MJB |
| CHECKED | GSP |

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (BORMAN EXPRESSWAY)
OVER LITTLE CALUMET RIVER & N.I.C.T.D. R.O.W.

**BORING LOGS (10 OF 10)**
**SECTION 2626.2-R-1**
**LAKE COUNTY, INDIANA**
**STATION 8+470.000**
**STRUCTURE NO. I-80-1-8460 (EB & WB)**
DATE 07/04 **(016-I003 & 016-I004)**

AMERICAN CONSULTING ENGINEERS