

**BORING NO. AR-037 (2 OF 2)**

**BORING NO. AR-038 (1 OF 2)**

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**BORING LOG AR-037** Page 2 of 2  
 Wang Engineering, INC. Consulting Geotechnical and Environmental Engineers  
 wangen3@wangen.com  
 100 Fairbank Street  
 Addison, IL 60101  
 Telephone: 630 458-0700  
 Fax: 630 458-0900

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: 182.00 m  
 North: 545483.49 m  
 East: 366455.29 m  
 Station: 7 +018.61  
 Offset: 33.41 RT

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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: 182.60 m  
 North: 545496.54 m  
 East: 366478.65 m  
 Station: 7 +042.12  
 Offset: 20.69 RT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
188.3		15	5	7	417	14							
		10	7	10									
	Boring terminated at 13.72 m	14											

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
188.2	Very stiff, dark gray to brown and gray SILTY CLAY LOAM to SILTY CLAY	1	2	3	204	20							
	--FILL--	4	3	4									
		5	4	5									
		7	2	3	330	18							
		7	5	7									
		18	3	5	354	18							
		18	5	7									
188.2	Hard, brown CLAY	1	2	3	385	19							
		4	3	5									
178.1	Stiff to very stiff, gray CLAY SILTY CLAY	1	2	5	181	20							
		4	3	7									
		19	2	3	157	19							
		19	6	6									
		20	7	3	157	20							
		20	3	3									
		20	4	5									
		18	3	4	157	18							
		18	4	5									

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
188.3		15	4	5	299	19							
		8	5	8									
	Hard, gray SILTY CLAY	14	3	4	204	15							
		15	4	5									
		18	4	6	267	18							
		18	6	6									
187.4		1	6	10	440	12							
		11	10	11									
	Boring terminated at 15.24 m	14											

**GENERAL NOTES**  
 Begin Drilling 09-21-2001 Complete Drilling 09-21-2001  
 Drilling Contractor TSC Drilling Rig B-61  
 Driller G&F Logger B. Fugiel Checked by B. Fugiel  
 Drilling Method 3.25-in. HSA Grouted

**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.

**GENERAL NOTES**  
 Begin Drilling 10-22-2001 Complete Drilling 10-22-2001  
 Drilling Contractor TSC Drilling Rig B-61  
 Driller G&F Logger B. Fugiel Checked by B. Fugiel  
 Drilling Method 3.25-in. HSA Grouted

**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.

**GENERAL NOTES**  
 Begin Drilling 10-22-2001 Complete Drilling 10-22-2001  
 Drilling Contractor TSC Drilling Rig B-61  
 Driller G&F Logger B. Fugiel Checked by B. Fugiel  
 Drilling Method 3.25-in. HSA Grouted

**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.

DESIGNED	BHS
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.L. ROUTE 80/94 AND U.S. ROUTE 6  
 LOCAL ROAD RECONSTRUCTION

**BORING LOGS (5 OF 13)**  
 SECTION 2001-167R  
 COOK COUNTY  
 STATION 6+850.000 to STATION 7+400.281  
 STRUCTURE NO. 016-W873

DATE 07/05

**AMERICAN**  
 CONSULTING ENGINEERS

FOR INFORMATION ONLY