

BORING NO. AR-040 (2 OF 2)

BORING NO. AR-041 (1 OF 1)

BORING NO. AR-042 (1 OF 1)

BORING LOG AR-040 Page 2 of 2

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: 182.45 m
North: 545496.94 m
East: 366524.89 m
Station: 7 +088.36
Offset: 20.82 RT

BORING LOG AR-041 Page 1 of 1

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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: 182.26 m
North: 545496.46 m
East: 366548.10 m
Station: 7 +111.57
Offset: 21.56 RT

BORING LOG AR-042 Page 1 of 1

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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: 182.06 m
North: 545495.60 m
East: 366571.65 m
Station: 7 +135.1
Offset: 22.69 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/150 mm)	Moisture Content (%)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/150 mm)	Moisture Content (%)
188.7			15	7	307					
			8	8	B					
			8	8	B					
	Boring terminated at 13.72 m									

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/150 mm)	Moisture Content (%)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/150 mm)	Moisture Content (%)
181.5	Very stiff, black SILTY CLAY LOAM		1	2	220					
			5	5	B					
			5	5	B					
180.5	Very stiff, gray and black SILTY CLAY		2	3	275					
			4	4	B					
180.6	Hard, brown CLAY		3	2	393					
			4	4	B					
179.6	Stiff, gray CLAY		4	3	179					
			6	6	B					
			5	3	172					
			5	3	B					
			6	3	165					
			6	4	B					
			7	3	125					
			5	4	B					
			8	2	157					
			4	3	B					
	Boring terminated at 6.10 m									

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/150 mm)	Moisture Content (%)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/150 mm)	Moisture Content (%)
180.4	Very stiff, brown and gray SILTY CLAY		1	2	228					
			3	3	B					
			5	5	B					
			2	3	283					
			3	3	B					
			3	3	B					
180.4	Very stiff to hard, brown CLAY		3	3	393					
			5	5	B					
			8	8	B					
178.9	Medium stiff to stiff, gray CLAY		4	3	337					
			5	5	B					
			7	3	149					
			5	5	B					
			6	3	142					
			6	5	B					
			7	2	94					
			5	3	B					
			8	3	110					
			4	3	B					
	Boring terminated at 6.10 m									

GENERAL NOTES

Begin Drilling 09-28-2001 Complete Drilling 09-28-2001
 Drilling Contractor TSC Drill 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 09-28-2001 Complete Drilling 09-28-2001
 Drilling Contractor TSC Drill Rig B-61
 Driller G&F Logger B. Fugiel Checked by B. Fugiel
 Drilling Method 2.25-in. SSA; Backfilled

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 09-20-2001 Complete Drilling 09-20-2001
 Drilling Contractor TSC Drill Rig B-61
 Driller G&F Logger B. Fugiel Checked by B. Fugiel
 Drilling Method 2.25-in. SSA; Backfilled

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 (7 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