

BORING NO. AR-043 (1 OF 2)

BORING NO. AR-043 (2 OF 2)

BORING NO. AR-044 (1 OF 1)

BORING LOG AR-043 Page 1 of 2

Wang Engineering, INC. Consulting Geotechnical and Environmental Engineers
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100 Fairbank Street
Addison, IL 60101
Telephone: 630 458-0700
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WEI Job No.: 255-08-01
Client: American Consulting Engineers
Project: FAI 80/94- J-294 to US 41
Location: s13 T36N R10W & s29 R15E T36N

Datum: USGS
Elevation: 182.04 m
North: 545496.41 m
East: 366594.04 m
Station: 7 +157.5
Offset: 22.14 RT

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

Datum: USGS
Elevation: 181.98 m
North: 545495.81 m
East: 366617.32 m
Station: 7 +180.78
Offset: 23.00 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/150 mm)	Qu (kPa)	Moisture Content (%)
182.0	Stiff to very stiff, black, gray, and brown SILTY CLAY	1	2	3	4	7	157 B	182.0	Stiff to very stiff, black, gray, and brown SILTY CLAY	1	2	3	4	7	157 B
180.2	Hard, brown CLAY	2	3	4	6	196 B	21	180.2	Hard, brown CLAY	2	3	4	6	196 B	21
178.4	Stiff, gray CLAY	3	3	5	6	393 B	20	178.4	Stiff, gray CLAY	3	3	5	6	393 B	20
178.1	Medium dense, gray SILT	4	3	4	6	157 B	19	178.1	Medium dense, gray SILT	4	3	4	6	157 B	19
177.1	Stiff to very stiff, gray CLAY	5	2	3	5	142 B	22	177.1	Stiff to very stiff, gray CLAY	5	2	3	5	142 B	22
168.1		6	2	3	5	118 B	19	168.1		6	2	3	5	118 B	19
		7	2	3	5	142 B	22			7	2	3	5	142 B	22
		8	2	3	5	118 B	19			8	2	3	5	118 B	19
		9	2	3	5	142 B	22			9	2	3	5	142 B	22
		10	2	3	5	157 B	19			10	2	3	5	157 B	19
		11	3	4	6	393 B	20			11	3	4	6	393 B	20
		12	3	5	6	181 B	20			12	3	5	6	181 B	20
		13	4	5	6	236 B	21			13	4	5	6	236 B	21
		14	3	5	7	314 B	20			14	3	5	7	314 B	20
		15	3	5	7	314 B	20			15	3	5	7	314 B	20
		16	3	5	7	314 B	20			16	3	5	7	314 B	20
		17	3	5	7	314 B	20			17	3	5	7	314 B	20
		18	3	5	7	314 B	20			18	3	5	7	314 B	20
		19	3	5	7	314 B	20			19	3	5	7	314 B	20
		20	3	5	7	314 B	20			20	3	5	7	314 B	20
		21	3	5	7	314 B	20			21	3	5	7	314 B	20
		22	3	5	7	314 B	20			22	3	5	7	314 B	20
		23	3	5	7	314 B	20			23	3	5	7	314 B	20
		24	3	5	7	314 B	20			24	3	5	7	314 B	20

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/150 mm)	Qu (kPa)	Moisture Content (%)
182.0	Hard, gray SILTY CLAY	1	2	3	4	7	157 B	182.0	Hard, gray SILTY CLAY	1	2	3	4	7	157 B
168.3	Boring terminated at 13.72 m	14						168.3	Boring terminated at 13.72 m	14					

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/150 mm)	Qu (kPa)	Moisture Content (%)
182.0	Stiff, brown and gray SILTY CLAY	1	2	3	4	7	157 B	182.0	Stiff, brown and gray SILTY CLAY	1	2	3	4	7	157 B
180.1	Very stiff, brown CLAY	2	3	3	7	251 B	20	180.1	Very stiff, brown CLAY	2	3	3	7	251 B	20
178.2	Medium dense, gray SILT to SILTY LOAM	3	5	6	7	NP	19	178.2	Medium dense, gray SILT to SILTY LOAM	3	5	6	7	NP	19
177.4	Medium stiff to stiff, gray CLAY	4	3	5	7	94 B	19	177.4	Medium stiff to stiff, gray CLAY	4	3	5	7	94 B	19
175.9	Boring terminated at 6.10 m	6	3	5	7	149 B	20	175.9	Boring terminated at 6.10 m	6	3	5	7	149 B	20

GENERAL NOTES	WATER LEVEL DATA
Begin Drilling 10-22-2001 Complete Drilling 10-22-2001	While Drilling <input checked="" type="checkbox"/> DRY
Drilling Contractor TSC Drill Rig B-61	At Completion of Drilling <input checked="" type="checkbox"/> DRY
Driller GSF Logger B. Fugiel checked by B. Fugiel	Time After Drilling NA
Drilling Method 3.25-in. HSA; Grouted	Depth to Water <input checked="" type="checkbox"/> NA
	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES	WATER LEVEL DATA
Begin Drilling 10-22-2001 Complete Drilling 10-22-2001	While Drilling <input checked="" type="checkbox"/> DRY
Drilling Contractor TSC Drill Rig B-61	At Completion of Drilling <input checked="" type="checkbox"/> DRY
Driller GSF Logger B. Fugiel checked by B. Fugiel	Time After Drilling NA
Drilling Method 3.25-in. HSA; Grouted	Depth to Water <input checked="" type="checkbox"/> NA
	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES	WATER LEVEL DATA
Begin Drilling 09-20-2001 Complete Drilling 09-20-2001	While Drilling <input checked="" type="checkbox"/> DRY
Drilling Contractor TSC Drill Rig B-61	At Completion of Drilling <input checked="" type="checkbox"/> DRY
Driller GSF Logger B. Fugiel checked by B. Fugiel	Time After Drilling NA
Drilling Method 2.25-in. SSA; Backfilled	Depth to Water <input checked="" type="checkbox"/> 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 (8 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