

BORING NO. AR-017 (1 OF 1)

BORING NO. AR-018 (1 OF 2)

BORING NO. AR-018 (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 AR-017
 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: 182.19 m
 North: 545541.23 m
 East: 366684.74 m
 Station: 7 +248.71
 Offset: 21.64 LT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/150 mm)	Moisture Content (%)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/150 mm)	Moisture Content (%)
182.2	457-mm thick ASPHALT									
182.5	Shoulder Pavement									
182.5	Very stiff, brown and gray SILTY CLAY	1	1	431	19					
182.5	Very stiff to hard, brown and gray SILTY CLAY	2	2	314	20					
182.5	Very stiff to hard, brown CLAY	3	3	495	20					
182.5	Very stiff to hard, brown CLAY	4	4	299	20					
182.5	Very stiff to hard, brown CLAY	5	5	236	21					
182.7	Stiff, gray CLAY	6	6	149	20					
182.7	Stiff, gray CLAY	7	7	149	20					
182.1	Stiff to very stiff, gray CLAY	8	8	141	18					

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/150 mm)	Moisture Content (%)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/150 mm)	Moisture Content (%)
182.2	457-mm thick ASPHALT									
182.5	Shoulder Pavement									
182.5	Very stiff, brown and gray SILTY CLAY	1	1	236	19					
182.5	Very stiff, brown and gray SILTY CLAY	2	2	518	20					
182.5	Hard, brown CLAY	3	3	440	19					
182.5	Hard, brown CLAY	4	4	440	19					
182.5	Hard, brown CLAY	5	5	440	19					
182.5	Hard, brown CLAY	6	6	440	19					
182.5	Hard, brown CLAY	7	7	440	19					
182.5	Hard, brown CLAY	8	8	440	19					
182.5	Hard, brown CLAY	9	9	440	19					
182.5	Hard, brown CLAY	10	10	440	19					
182.5	Hard, brown CLAY	11	11	440	19					
182.5	Hard, brown CLAY	12	12	440	19					
182.5	Hard, brown CLAY	13	13	440	19					
182.5	Hard, brown CLAY	14	14	440	19					
182.5	Hard, brown CLAY	15	15	440	19					
182.5	Hard, brown CLAY	16	16	440	19					
182.5	Hard, brown CLAY	17	17	440	19					
182.5	Hard, brown CLAY	18	18	440	19					
182.5	Hard, brown CLAY	19	19	440	19					
182.5	Hard, brown CLAY	20	20	440	19					
182.5	Hard, brown CLAY	21	21	440	19					
182.5	Hard, brown CLAY	22	22	440	19					
182.5	Hard, brown CLAY	23	23	440	19					
182.5	Hard, brown CLAY	24	24	440	19					

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/150 mm)	Moisture Content (%)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/150 mm)	Moisture Content (%)
182.2	457-mm thick ASPHALT									
182.5	Shoulder Pavement									
182.5	Very stiff, brown and gray SILTY CLAY	1	1	181	17					
182.5	Very stiff, brown and gray SILTY CLAY	2	2	96	17					
182.5	Very stiff, brown and gray SILTY CLAY	3	3	251	17					
182.5	Very stiff, brown and gray SILTY CLAY	4	4	220	21					
182.5	Very stiff, brown and gray SILTY CLAY	5	5	157	21					
182.5	Very stiff, brown and gray SILTY CLAY	6	6	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	7	7	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	8	8	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	9	9	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	10	10	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	11	11	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	12	12	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	13	13	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	14	14	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	15	15	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	16	16	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	17	17	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	18	18	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	19	19	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	20	20	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	21	21	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	22	22	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	23	23	275	18					
182.5	Very stiff, brown and gray SILTY CLAY	24	24	275	18					

GENERAL NOTES
 Begin Drilling 09-18-2001 Complete Drilling 09-18-2001
 Drilling Contractor TSC Drill Rig B-61
 Driller GAF 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 11-06-2001 Complete Drilling 11-06-2001
 Drilling Contractor TSC Drill Rig CME-75
 Driller C&J Logger B. Fugiel checked by B. Fugiel
 Drilling Method Mud Rotary; grouted upon completion

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 11-06-2001 Complete Drilling 11-06-2001
 Drilling Contractor TSC Drill Rig CME-75
 Driller C&J Logger B. Fugiel checked by B. Fugiel
 Drilling Method Mud Rotary; grouted upon completion

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.I. ROUTE 80/94 AND U.S. ROUTE 6
 LOCAL ROAD RECONSTRUCTION

BORING LOGS (10 OF 11)
 SECTION 2001-167R
 COOK COUNTY
 STATION 6+850.000 to STATION 7+379.000
 STRUCTURE NO. 016-W874
 DATE 07/05

AMERICAN
 CONSULTING ENGINEERS

FOR INFORMATION ONLY