

BORING NO. AR-303 (2 OF 2)

BORING NO. AR-304 (1 OF 2)

BORING NO. AR-304 (2 OF 2)

BORING LOG AR-303 Page 2 of 2

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@waneng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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WEI Job No.: 255-08-08
Client: American Consulting Engineers
Project: FAI 80/94, I-294 to US 41
Location: s29 T36N R15E & s13 T36 R10W

Date: NGVD
Elevation: 182.67 m
North: 545119.00 m
East: 368318.99 m
Station: 8+964.84
Offset: 25.72 RT

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WEI Job No.: 255-08-08
Client: American Consulting Engineers
Project: FAI 80/94, I-294 to US 41
Location: s29 T36N R15E & s13 T36 R10W

Date: NGVD
Elevation: 182.42 m
North: 545115.11 m
East: 368341.33 m
Station: 8+964.2
Offset: 26.15 RT

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Date: NGVD
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Offset: 26.15 RT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	W (g)	L (g)	Moisture Content (%)	Soil Type	Soil and Rock Description	Depth (m)	Sample No.	SPT Values (blows/150 mm)	W (g)	L (g)	Moisture Content (%)
17.0	Very stiff, gray SILTY CLAY	16.76	17	6 12 15	668	14									
16.76	Boring terminated at 16.76 m														

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	W (g)	L (g)	Moisture Content (%)	Soil Type	Soil and Rock Description	Depth (m)	Sample No.	SPT Values (blows/150 mm)	W (g)	L (g)	Moisture Content (%)
182.42	355-mm thick GRAVEL --SHOULDER AGGREGATE--														
182.1	Stiff to very stiff, black, brown and gray SILTY CLAY --FILL--	11	11	5 6 8	287	P									
181.1	Stiff to hard, brown and gray CLAY	18	2	18 16 13	287	P									
180.4	Medium dense, gray SILT	18.6	12	9 6 6	149	B									
180.2	Stiff to very stiff, gray CLAY	20	3	6 8 9	440	B									
179.4		25	4	3 4 6	142	B									
178.8	Stiff, gray CLAY	23	5	5 5 6	172	B									
178.4		19	6	5 4 7	133	B									
177.8		19	7	5 5 13	338	B									
177.4		18	8	7 7 11	243	B									
176.4		19	9	6 9 10	251	B									
175.4	Very stiff, gray SILTY CLAY with interbedded silt lenses	15	10	4 6 7	172	B									

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	W (g)	L (g)	Moisture Content (%)	Soil Type	Soil and Rock Description	Depth (m)	Sample No.	SPT Values (blows/150 mm)	W (g)	L (g)	Moisture Content (%)
182.42															
181.7		17	17	6 8 9	314	B	21								
181.7	Boring terminated at 16.76 m														

GENERAL NOTES	WATER LEVEL DATA
Begin Drilling 07-30-2003 Complete Drilling 07-30-2003	While Drilling <input checked="" type="checkbox"/> 5.64 m
Drilling Contractor TSC Drill Rig CME 75	At Completion of Drilling <input checked="" type="checkbox"/> DRY
Driller C&A Logger J. Kasnick checked by B. Fuglel	Time After Drilling 24 hours
Drilling Method 3.25-in ID HSA; Boring backfilled upon final water reading	Depth to Water 5.03 m
	The stratification lines represent the approximate boundary between soil types. The actual transition may be gradual.

GENERAL NOTES	WATER LEVEL DATA
Begin Drilling 07-30-2003 Complete Drilling 07-31-2003	While Drilling <input checked="" type="checkbox"/> 8.15 m
Drilling Contractor TSC Drill Rig CME 75	At Completion of Drilling <input checked="" type="checkbox"/> DRY
Driller C&A Logger J. Kasnick checked by B. Fuglel	Time After Drilling 24 hours
Drilling Method 3.25-in ID HSA; Boring backfilled upon final water reading	Depth to Water m
	The stratification lines represent the approximate boundary between soil types. The actual transition may be gradual.

GENERAL NOTES	WATER LEVEL DATA
Begin Drilling 07-30-2003 Complete Drilling 07-31-2003	While Drilling <input checked="" type="checkbox"/> 8.15 m
Drilling Contractor TSC Drill Rig CME 75	At Completion of Drilling <input checked="" type="checkbox"/> DRY
Driller C&A Logger J. Kasnick checked by B. Fuglel	Time After Drilling 24 hours
Drilling Method 3.25-in ID HSA; Boring backfilled upon final water reading	Depth to Water m
	The stratification lines represent the approximate boundary between soil types. The actual transition may be gradual.

DESIGNED	KFA
CHECKED	BPS
DRAWN	MJB
CHECKED	GSP

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94/US 6
KINGERY-BORMAN EXPRESSWAY
BURNHAM ROAD TO US 41

BORING LOGS (4 OF 7)
SECTION 2626.2-R-2
LAKE COUNTY, INDIANA
STATION 8+774.073 TO STATION 9+227.203
STRUCTURE NO. 016-W861

DATE 09/05

AMERICAN
CONSULTING ENGINEERS