

**BORING NO. AR-314 (2 OF 2)**

**BORING LOG AR-314** Page 2 of 2

Wang Engineering, INC.  
Consulting Geotechnical and  
Environmental Engineers  
wangeng@wangeng.com  
1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

WEI Job No.: 255-08-08

Client: American Consulting Engineers

Project: I-80/94, I-294 to US 41

Location: s29 T36N R15E & s13 T36 R10W

Datum: NAD 83  
Elevation: 183.11 m  
North: 545173.51 m  
East: 368328.60 m  
Station: 8+945.13  
Offset: 26.78 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Value (blows/300 mm)	Moisture Content (%)	Soil Profile	Soil AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Value (blows/300 mm)	Moisture Content (%)
15.24		15.24	16	4	314	22					
Boring terminated at 15.24 m											

**GENERAL NOTES**

Begin Drilling 07-23-2003 Complete Drilling 07-23-2003

Drilling Contractor TSC Drill Rig CME 75

Driller C&A Logger J. Kasnick Checked by B. Fugate

Drilling Method 3.25-in ID HSA; Boring backfilled upon final water reading

**WATER LEVEL DATA**

While Drilling  $\nabla$  7.01 m

At Completion of Drilling  $\nabla$  DRY

Time After Drilling 24 hours

Depth to Water  $\nabla$  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

**BORING NO. AR-315 (1 OF 2)**

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Client: American Consulting Engineers

Project: I-80/94, I-294 to US 41

Location: s29 T36N R15E & s13 T36 R10W

Datum: NAD 83  
Elevation: 182.76 m  
North: 545170.63 m  
East: 368328.60 m  
Station: 8+943.13  
Offset: 26.78 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Value (blows/300 mm)	Moisture Content (%)	Soil Profile	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Value (blows/300 mm)	Moisture Content (%)
15.24	305-mm thick CONCRETE										
15.24	CRUSHED STONE AGGREGATE	15.24	15	15	NP	7					
15.24	Medium dense, brown SAND	15.24	16	8	NP	4	Very stiff, gray SILTY CLAY	16	11	10	354
15.24		16	17	6	NP	11		17	12	7	307
15.24		17	18	5	NP	21		18	13	5	228
15.24		18	19	4	NP	22		19	14	4	299
15.24		19	20	4	NP	23		20	15	5	267
15.24		20	21	4	NP	18		21	16	5	299
15.24		21	22	5	NP	16		22	17	6	487
Boring terminated at 16.76 m											

**GENERAL NOTES**

Begin Drilling 07-22-2003 Complete Drilling 07-23-2003

Drilling Contractor TSC Drill Rig CME 75

Driller C&A Logger J. Kasnick Checked by B. Fugate

Drilling Method 3.25-in ID HSA; Boring backfilled upon final water reading

**WATER LEVEL DATA**

While Drilling  $\nabla$  2.06 m

At Completion of Drilling  $\nabla$  11.58 m

Time After Drilling 24 hours

Depth to Water  $\nabla$  m

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15.24		16	17	6	NP	11		17	12	7	307
Boring terminated at 16.76 m											

**GENERAL NOTES**

Begin Drilling 07-22-2003 Complete Drilling 07-23-2003

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Driller C&A Logger J. Kasnick Checked by B. Fugate

Drilling Method 3.25-in ID HSA; Boring backfilled upon final water reading

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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+762.750 TO STATION 9+101.839  
STRUCTURE NO. 016-W915**

DATE 09/05

**AMERICAN**  
CONSULTING ENGINEERS