ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-1	LAKE COUNTY, INDIANA	452	228
		ILLINOIS	FED. AID PROJECT-	

SHEET NO. S-13

17 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

BORING NO. AR-108 (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-108

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: NGVD
Elevation: 190.23 m
North: 545202.62 m
East: 368008.80 m
Station: 8+624.11
Offset: 19.76 RT

Page 2 of 2

Elevation (m)	Depth (m)	Sample Type	Recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
167.4	18			18	3 4 4	212 B	21
	19			19	3 4 6	228 B	21
	20			20	4 6 7	346 B	22
	21			21	4 7 7	267 B	21
	22			22	5 7 9	338 B	22

Boring terminated at 22.86 m

GENERAL NOTES

Begin Drilling 05-02-2002 Complete Drilling 05-02-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger H. Suhail Checked by B. Fugiel
Drilling Method Mud Rotary; Grouted after final water reading

WATER LEVEL DATA

While Drilling ▽ –
At Completion of Drilling ▼ –
Time After Drilling 24 hours
Depth to Water ▼ 7.24 m

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING NO. AR-109 (1 OF 2)

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Telephone: 630 458-0700
Fax: 630 458-0900

BORING LOG AR-109

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: NGVD
Elevation: 189.87 m
North: 545196.30 m
East: 368027.07 m
Station: 8+643.24
Offset: 19.92 RT

Page 1 of 2

Elevation (m)	Depth (m)	Sample Type	Recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
189.7	1			1	6 7 9	383 P	15
	2			2	6 7 7	165 S	17
	3			3	8 8 9	196 S	20
	4			4	6 8 10	228 S	18
	5			5	4 7 7	149 S	21
	6			6	5 8 9	338 B	18
	7			7	5 6 8	196 S	17
	8			8	6 7 8	172 S	20
	9			9	6 8 8	149 S	17
	10			10	6 9 11	267 S	19
	11			11	7 8 9	447 B	20
	12			12	5 9 11	417 B	20
	13			13	6 12 14	683 B	20
	14			14	8 10 13	711 B	19
	15			15	4 7 10	471 B	21
	16			16	4 6 6	260 B	18
	17			17	5 7 8	346 B	21

203-mm thick ASPHALT --PAVEMENT--
Gray CRUSHED STONE --BASE COURSE--
Stiff to very hard, brown and gray SILTY CLAY --FILL--
180.6 Hard, brown and gray CLAY
177.1 Very stiff, gray CLAY

GENERAL NOTES

Begin Drilling 05-01-2002 Complete Drilling 05-02-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger H. Suhail Checked by B. Fugiel
Drilling Method Mud Rotary; Grouted after final water reading

WATER LEVEL DATA

While Drilling ▽ –
At Completion of Drilling ▼ –
Time After Drilling 24 hours
Depth to Water ▼ 2.59 m

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING NO. AR-109 (2 OF 2)

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BORING LOG AR-109

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: NGVD
Elevation: 189.87 m
North: 545196.30 m
East: 368027.07 m
Station: 8+643.24
Offset: 19.92 RT

Page 2 of 2

Elevation (m)	Depth (m)	Sample Type	Recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
167.0	18			18	4 5 6	228 B	16
	19			19	4 6 6	307 B	22
	20			20	5 6 6	299 B	22
	21			21	5 7 8	307 B	21
	22			22	6 6 9	361 B	22

Boring terminated at 22.86 m

GENERAL NOTES

Begin Drilling 05-02-2002 Complete Drilling 05-02-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger H. Suhail Checked by B. Fugiel
Drilling Method Mud Rotary; Grouted after final water reading

WATER LEVEL DATA

While Drilling ▽ –
At Completion of Drilling ▼ –
Time After Drilling 24 hours
Depth to Water ▼ 2.59 m

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

DESIGNED	MJW
CHECKED	KFA
DRAWN	CAKMJB
CHECKED	GSP

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

BORING LOGS (2 OF 6)
SECTION 2626.2-R-1
LAKE COUNTY, INDIANA
STATION 8+600.619 TO STATION 8+735.576
STRUCTURE NO. 016-W859

DATE 07/04

AMERICAN CONSULTING ENGINEERS