ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-1	LAKE COUNTY, INDIANA	1207	858
		ILLINOIS	FED. AID PROJECT-	

SHEET NO. S-18
20 SHEETS

CONTRACT NO. 62114 INDOT DES. NO. 0100987

BORING NO. AR-099 (1 OF 1)

Page 1 of 1

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-099

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: 190.37 m
North: 545286.95 m
East: 367769.80 m
Station: 8+370.89
Offset: 20.09 RT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	190.2	114-mm thick ASPHALT --PAVEMENT--							
	189.6	Gray CRUSHED STONE --BASE COURSE--		XX					
	189.0	Medium dense, black SANDY LOAM --FILL--	1			1	9 7 6	@431 P	11
		Stiff to hard, SILTY CLAY --FILL--	1			2	5 6 11	@431 P	17
			2			3	13 8 7	@431 P	17
			3			4	6 9 11	263 P	19
			4			5	5 8 13	354 B	21
			5			6	6 11 14	275 S	14
	185.3	Medium dense, gray SILT --FILL--	5			7	3 7 11	149 B	17
	184.9	Very stiff, gray SILTY CLAY --FILL--	6			8	5 9 13	260 B	20
	184.1	Medium dense, gray SILT to SILTY LOAM --FILL--	7			9	10 15 19	NP	17
	183.4	Very stiff, gray SILTY CLAY --FILL--	8			10	6 9 14	369 S	18
	182.1	--OBSTRUCTION--	8			11	9 7	407 P	18
		Boring terminated at 8.25 m	9						
			10						
			11						
			12						
			13						
			14						
			15						

GENERAL NOTES

Begin Drilling 05-07-2002 Complete Drilling 05-07-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger E. Datz 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 ▽ 0.76 m
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING NO. AR-100 (1 OF 2)

Page 1 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-100

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: 190.64 m
North: 545280.05 m
East: 367789.74 m
Station: 8+391.99
Offset: 19.93 RT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	190.4	114-mm thick ASPHALT --PAVEMENT--							
	189.8	Gray CRUSHED STONE --BASE COURSE--		XX					
	189.2	Medium dense, black SANDY LOAM --FILL--	1			1	9 8 10	@431	14
		Stiff to very stiff, brown and SILTY CLAY to CLAY --FILL--	2			2	5 7 9	225 S	17
			3			3	7 8 8	240 P	19
			4			4	5 6 9	157 S	25
			5			5	5 8 9	314 S	17
	185.9	Medium dense, brown and gray SILT --FILL--	6			6	5 8 9	311 B	19
			7			7	4 12 10	NP	17
	184.8	Stiff to very stiff, brown and gray SILTY CLAY --FILL--	8			8	5 12 13	340 B	15
			9			9	8 7 11	330 B	18
			10			10	8 10 12	314 S	17
	181.7	Very stiff, black CLAY LOAM --BURIED TOPSOIL--	8			11	4 4 10	189 S	20
	181.3	Stiff to very stiff, brown and gray CLAY	9			12	5 5 6	354 S	33
			10			13	4 5 6	354 B	23
			11			14	4 4 5	189 B	26
			12			15	6 7 9	361 B	21
	177.8	Stiff to very stiff, gray CLAY	13			16	4 6 8	220 B	18
			14						
			15			17	4 6 7	267 B	18

GENERAL NOTES

Begin Drilling 05-08-2002 Complete Drilling 05-08-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger E. Datz 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 ▽ 0.76 m
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING NO. AR-100 (2 OF 2)

Page 2 of 2

Wang Engineering, INC. Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
100 Fairbank Street
Addison, IL 60101
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Fax: 630 458-0900

BORING LOG AR-100

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: 190.64 m
North: 545280.05 m
East: 367789.74 m
Station: 8+391.99
Offset: 19.93 RT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Sample recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	174.1	Medium dense, gray SILT	18			18	4 8 7	118 B	18
	173.3	Stiff to very stiff, gray CLAY	19			19	3 4 5	142 B	22
			20			20	4 5 6	168 P	22
			21			21	4 5 5	196 B	21
			22			22	5 8 10	314 B	21
	167.8	Boring terminated at 22.86 m	23						
			24						
			25						
			26						
			27						
			28						
			29						
			30						

GENERAL NOTES

Begin Drilling 05-08-2002 Complete Drilling 05-08-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger E. Datz 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 ▽ 0.76 m
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

DESIGNED	MJW
CHECKED	KFA
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 6)
SECTION 2626.2-R-1
LAKE COUNTY, INDIANA
STATION 8+268.572 TO STATION 8+445.954
STRUCTURE NO. 016-W857

DATE 07/05

AMERICAN CONSULTING ENGINEERS