ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-1	LAKE COUNTY, INDIANA	452	227
		ILL.I-HO88	FED. AID PROJECT-	

SHEET NO. S-12
17 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

BORING NO. AB-024 (1 OF 2)

Page 1 of 2

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BORING LOG AB-24

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: 190.57 m
North: 545209.11 m
East: 367989.76 m
Station: 84604.21
Offset: 19.89 RT

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
190.4	152-mm thick ASPHALT --PAVEMENT--				
	Hard, gray CLAY LOAM --FILL--	1	4 4 4	383 P	15
189.3	Very stiff, brown SILTY CLAY --FILL--	2	3 3 4	216 P	20
		3	3 4 5	216 P	19
187.7	Medium dense, brown, medium SAND --FILL--	4	4 5 5	359 P	14
		5	7 7 8	NP	4
186.6	Very stiff, gray SILTY CLAY --FILL--	6	1 3 3	260 B	15
185.8	Medium dense, gray SILT --FILL--	7	3 7 8	NP	17
185.1	Medium dense, brown, medium SAND --FILL--	8	4 7 7	NP	21
		9	4 7 7	NP	22
		10	2 4 7	NP	24
181.0	Very stiff, gray and green CLAY LOAM	11	5 10 15	NP	19
		12	10 12 16	NP	19
		13	5 6 6	287 P	23
180.5	--BURIED TOPSOIL--				
	Hard, brown CLAY	14	5 7 10	518 B	19
		15	6 6 10	574 B	20
177.8	Very stiff, gray CLAY	16	3 4 5	236 B	21
		17	6 13 11	NP	17
175.6	Medium dense, gray SILT				

GENERAL NOTES

Begin Drilling 01-23-2002 Complete Drilling 01-23-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&J Logger B. Fugiel Checked by N. Davis
Drilling Method Mud Rotary; Grouted upon completion

WATER LEVEL DATA

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

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

BORING NO. AB-024 (2 OF 2)

Page 2 of 2

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BORING LOG AB-24

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: 190.57 m
North: 545209.11 m
East: 367989.76 m
Station: 84604.21
Offset: 19.89 RT

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
174.7	Stiff to very stiff, gray CLAY				
	A-7-6 (24) LL=41%, PL=18% GRAVEL=0.0% SAND=1.5% SILT=28.1% CLAY=70.4%	18	1 2 3	157 B	27
		19	2 4 4	196 B	21
		20	3 4 5	196 B	21
		21	3 4 5	220 B	22
		22	4 5 7	236 B	22
167.1	Very stiff to hard, gray SILTY CLAY	23	4 7 12	354 B	17
		24	14 15 22	707 S	11
		25	7 12 17	731 S	12
		26	8 10 16	NR	
		27	11 19 21 20	628 B	12
161.0	Boring terminated at 29.57 m				

GENERAL NOTES

Begin Drilling 01-23-2002 Complete Drilling 01-23-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&J Logger B. Fugiel Checked by N. Davis
Drilling Method Mud Rotary; Grouted upon completion

WATER LEVEL DATA

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

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

BORING NO. AR-108 (1 OF 2)

Page 1 of 2

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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: 84624.11
Offset: 19.76 RT

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
190.0	203-mm thick ASPHALT --PAVEMENT--				
189.3	Gray CRUSHED STONE --BASE COURSE--				
	Very stiff, brown and gray SILTY CLAY --FILL--	1	7 5 5	335 P	16
		2	5 6 6	165 S	17
		3	7 9 9	330 B	31
		4	6 6 10	354 S	19
		5	3 6 9	236 S	15
		6	4 6 7	260 S	21
		7	3 5 7	220 S	18
		8	4 6 8	236 S	15
		9	5 5 5	290 S	16
		10	3 5 5	196 S	20
182.0	Very dense, brown SAND --FILL--	11	2 5 11	228 S	19
		12	13 27 25		
180.9	Very stiff to hard, brown and gray CLAY	13	5 8 13	542 B	19
		14	8 12 12	604 B	20
		15	6 8 11	361 B	20
		16	5 5 6	236 B	18
		17	1 4 3	165 B	30
177.4	Stiff to very stiff, gray CLAY				

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.

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 (1 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