ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-2	LAKE COUNTY, INDIANA	452	295
		ILLINOIS FED. AID PROJECT-		

SHEET NO. S-63
72 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

BORING NO. AB-13 (1 OF 3)

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 AB-13

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: 190.86 m
North: 545311.85 m
East: 367814.07 m
Station: 8+404.28
Offset: 18.17 LT

Page 1 of 3

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
190.4	241-mm thick ASPHALT --PAVEMENT--				
	Medium dense, brown and gray, medium SAND --FILL--	1	10 7 6	NP	8
189.6	Stiff, brown SILTY CLAY --FILL--	2	2 3 3	168 P	19
188.7	Very loose, brown, medium SAND --FILL--	3	4 5 5	120 P	21
		4	1 1 1	NP	5
187.7	Very stiff, brown and gray SILTY CLAY --FILL--	5	4 4 4	216 P	18
		6	2 4 6	228 B	20
185.8	Very loose to medium dense, brown, medium SAND --FILL--	7	3 5 11	236 B	22
		8	5 7 7	NP	23
		9	6 11 12	NP	23
		10	5 7 7	NP	21
181.3	Stiff to very stiff, brown and SILTY CLAY --FILL--	11	3 5 5	NP	15
		12	2 1 2	NP	24
		13	4 3 4	149 B	25
		14	4 5 6	275 B	22
180.0	Stiff, dark gray CLAY LOAM --BURIED TOPSOIL--	15	3 2 4	118 B	39
179.3	Stiff, brown and gray, CLAY LOAM	16	2 2 3	157 B	35
178.1	Medium dense, gray SILT	17	4 5 7	NP	22
177.3	Stiff to very stiff, gray CLAY	18	3 5 7	212 B	19

GENERAL NOTES
Begin Drilling 01-15-2002 Complete Drilling 01-15-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&J Logger B. Fugiel Checked by E. Datz
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 ▽ 6.10 m
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING NO. AB-13 (2 OF 3)

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 AB-13

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: 190.86 m
North: 545311.85 m
East: 367814.07 m
Station: 8+404.28
Offset: 18.17 LT

Page 2 of 3

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	A-7-6 (30) LL=47%, PL=19% GRAVEL=0.0% SAND=1.0% SILT=18.7% CLAY=80.4%	19	3 5 7	181 B	30
		20	2 3 3	189 B	22
		21	4 5 5	204 B	22
		22	4 5 6	220 B	21
		23	5 6 8	251 B	23
167.4	Very stiff to hard, gray SILTY CLAY	24	6 7 10	228 B	15
		25	10 14 22	872 B	12
		26	6 10 17	432 B	16
		27	6 9 15	417 B	14
		28	12 15 19	746 B	11
161.3	Dense, gray SILTY LOAM				
160.7	Hard, gray SILTY CLAY				

GENERAL NOTES
Begin Drilling 01-15-2002 Complete Drilling 01-15-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&J Logger B. Fugiel Checked by E. Datz
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 ▽ 6.10 m
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING NO. AB-13 (3 OF 3)

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 AB-13

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: 190.86 m
North: 545311.85 m
East: 367814.07 m
Station: 8+404.28
Offset: 18.17 LT

Page 3 of 3

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
		29	15 23 32	982 B	12
		30	15 27 35	982 B	11
157.3	Boring terminated at 33.53 m				

GENERAL NOTES
Begin Drilling 01-15-2002 Complete Drilling 01-15-2002
Drilling Contractor TSC Drill Rig CME 75
Driller C&J Logger B. Fugiel Checked by E. Datz
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 ▽ 6.10 m
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

DESIGNED	BHS
CHECKED	KFA
DRAWN	CAK MJB
CHECKED	GSP

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (BORMAN EXPRESSWAY)
OVER LITTLE CALUMET RIVER & N.I.C.T.D. R.O.W.

BORING LOGS (1 OF 10)
SECTION 2626.2-R-1
LAKE COUNTY, INDIANA
STATION 8+470.000
STRUCTURE NO. I-80-1-8460 (EB & WB)
DATE 07/04 **(016-I003 & 016-I004)**

AMERICAN CONSULTING ENGINEERS