ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-1-2	LAKE COUNTY, INDIANA	452	298
		ILLINOIS FED. AID PROJECT-		

SHEET NO. S-66
72 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

BORING NO. AB-16 (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 AB-16

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: 180.43 m
North: 545267.58 m
East: 367886.08 m
Station: 8+486.95
Offset: 0.54 LT

Depth (m)	Sample Type	Sample recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
16						
17			17	6 7 10	675 B	13
18			18	9 10 11	707 B	14
19			19	10 10 17	628 B	14
21			20	16 27 20	903 B	13
22			21	12 14 15	982 B	13
23						
24			22	50/127	431 P	12
25						
26						
27			23	CORE		
28						
29						
30						

Profile / Elevation (m) / SOIL AND ROCK DESCRIPTION

Elevation 155.1: Gray, finely crystalline, medium bedded, slightly weathered, strong DOLOSTONE with occasional pyrite vugs
—BEDROCK—
—RQD= 87%—

Elevation 152.1: Boring terminated at 28.35 m

GENERAL NOTES

Begin Drilling 01-07-2002 Complete Drilling 01-07-2002
Drilling Contractor TSC Drill Rig B-61
Driller G&D Logger B. Fugiel Checked by B. Fugiel
Drilling Method Mud Rotary; Grouted after final water reading

WATER LEVEL DATA

While Drilling ▽ 2.67 m
At Completion of Drilling ▽ 2.44 m
Time After Drilling 24 hours
Depth to Water ▽ 2.13 m

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

BORING NO. AB-17 (1 OF 3)

Wang Engineering, INC.
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100 Fairbank Street
Addison, IL 60101
Telephone: 630 458-0700
Fax: 630 458-0900

BORING LOG AB-17

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: 191.12 m
North: 545266.08 m
East: 367829.44 m
Station: 8+434.07
Offset: 19.82 RT

Depth (m)	Sample Type	Sample recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
1			1	9 4 4	144 P	15
2			2	3 4 4	NP	16
3			3	3 5 5	287 P	20
4			4	3 3 4	NP	3
5			5	3 3 3	NP	4
6			6	1 2 2	NP	25
7			7	1 1 1	NP	27
8			8	3 4 5	NP	21
9			9	2 3 4	NP	24
10			10	4 6 8	NP	22
11			11	5 6 7	NP	24
12			12	2 1 2	NP	25
13			13	1 2 2	NP	26
14			14	6 8 8	287 P	29
15			15	3 5 6	393 B	20
16			16	5 7 7	408 B	20
17			17	3 4 6	157 B	21
18			18	3 4 8	212 B	20

Profile / Elevation (m) / SOIL AND ROCK DESCRIPTION

Elevation 190.8: 279-mm thick CONCRETE —PAVEMENT—
Elevation 190.5: Loose, brown, medium SAND —FILL—
Stiff, gray SILTY CLAY —FILL—
Elevation 189.9: Loose, brown SANDY LOAM —FILL—
Elevation 189.4: Very stiff, brown to gray CLAY LOAM —FILL—
Elevation 188.4: Very loose to medium dense, brown, medium SAND —FILL—
Elevation 181.1: Very stiff, dark gray CLAY LOAM —BURIED TOPSOIL—
Elevation 180.3: Hard, brown CLAY
Elevation 178.3: Stiff to very stiff, gray CLAY

GENERAL NOTES

Begin Drilling 01-24-2002 Complete Drilling 01-25-2002
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-17 (2 OF 3)

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BORING LOG AB-17

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: 191.12 m
North: 545266.08 m
East: 367829.44 m
Station: 8+434.07
Offset: 19.82 RT

Depth (m)	Sample Type	Sample recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
16						
17			19	3 4 5	196 B	22
18			20	3 3 4	243 B	22
19						
20			21	3 4 6	220 B	20
21			22	5 6 7	236 B	22
22						
23			23	4 4 6	236 B	21
24			24	4 6 8	157 B	18
25			25	6 8 12	487 B	13
26			26	12 13 16	314 S	14
27			27	10 14 11	260 B	14
28			28	6 9 14	432 B	14
29						
30						

Profile / Elevation (m) / SOIL AND ROCK DESCRIPTION

Elevation 166.1: Very stiff to hard, gray SILTY CLAY

GENERAL NOTES

Begin Drilling 01-24-2002 Complete Drilling 01-25-2002
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.

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 (4 OF 10)
SECTION 2626.2-R-1
LAKE COUNTY, INDIANA
STATION 8+470.000
STRUCTURE NO. I-80-1-8460 (EB & WB)
(016-I003 & 016-I004)

DATE 07/04

AMERICAN CONSULTING ENGINEERS