ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-2	LAKE COUNTY, INDIANA	452	299
		SUBMITTED FED. AID PROJECT-		

SHEET NO. S-67
72 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

BORING NO. AB-17 (3 OF 3)

Page 3 of 3

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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

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type / recovery	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
			31					
			32	X	29	9 16 20	526 B	14
			33					
			34	X	30	15 23 60	746 B	11
	157.6	Boring terminated at 33.53 m						
			35					
			36					
			37					
			38					

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-18 (1 OF 2)

Page 1 of 2

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BORING LOG AB-18
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: 180.23 m
North: 545239.56 m
East: 367893.57 m
Station: 8+503.38
Offset: 23.36 RT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type / recovery	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
	180.0	Dark brown SILTY LOAM --TOPSOIL--						
		Very stiff, gray CLAY --FILL--		X	1	4 4 4	243 B	21
	179.3	Very loose, gray SILTY LOAM		X	2	1 1 1	NP	29
	178.6	Loose, gray SANDY LOAM		X	3	1 2 2	NP	27
	177.8	Very soft, gray, organic CLAY LOAM		X	4	1 0 0	#24 P	32
	176.7	Loose, gray SILT		X	5	2 3 5	NP	23
	176.3	Stiff, gray SILTY CLAY		X	6	3 4 4	133 B	20
	175.5	Medium stiff to stiff, gray CLAY		X	7	1 2 2	118 B	31
				X	8	2 2 2	157 B	29
				X	9	1 1 2	79 B	20
				X	10	2 2 3	189 B	23

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type / recovery	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
	172.5	Medium stiff, gray SILTY CLAY						
	172.0	Stiff to very stiff, gray CLAY		X	11	2 3 4	94 B	17
				X	12	3 4 5	189 B	20
				X	13	2 4 6	172 B	23
				X	14	3 5 7	236 B	21
				X	15	4 6 8	228 B	22
	165.5	Hard, gray SILTY CLAY to SILTY CLAY LOAM		X	16	6 8 10	621 B	12

GENERAL NOTES
Begin Drilling 01-08-2002 Complete Drilling 01-08-2002
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 ∇ 1.83 m
At Completion of Drilling ∇ 1.68 m
Time After Drilling 24 hours
Depth to Water ∇ 1.68 m
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING NO. AB-18 (2 OF 2)

Page 2 of 2

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BORING LOG AB-18
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: 180.23 m
North: 545239.56 m
East: 367893.57 m
Station: 8+503.38
Offset: 23.36 RT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type / recovery	Sample No.	N Values (b/w/150 mm)	Qu (kPa)	Moisture Content (%)
			16					
		A-4 (3) LL=23%, PL=15% GRAVEL=1.5% SAND=24.2% SILT=42.9% CLAY=31.5%	17	X	17	6 8 13	487 B	13
			18	X	18	11 12 14	487 S	11
			19	X	19	7 12 17	589 B	11
			20	X	20	8 12 20	722 B	13
	157.4		21	X	21	16 19 27	565 S	10
		Boring terminated at 22.86 m	23					
			24					
			25					
			26					
			27					
			28					
			29					
			30					

GENERAL NOTES
Begin Drilling 01-08-2002 Complete Drilling 01-08-2002
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 ∇ 1.83 m
At Completion of Drilling ∇ 1.68 m
Time After Drilling 24 hours
Depth to Water ∇ 1.68 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 (5 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