

BORING NO. AR-107 (1 OF 2)

BORING NO. AR-107 (2 OF 2)

W Wang Engineering, INC.
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BORING LOG AR-107 Page 1 of 2
 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: 188.60 m
 North: 545217.08 m
 East: 368099.20 m
 Station: 8+705.91
 Offset: 21.44 LT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/150 mm)	Dr (kPa)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/150 mm)	Dr (kPa)	Moisture Content (%)
188.6	152-mm thick ASPHALT PAVEMENT	0						188.6		0					
188.4	Gray CRUSHED STONE BASE COURSE	1		1	6	431		188.4		1		11	4	432	19
188.2	Stiff to hard, brown and gray SILTY CLAY to CLAY FILL	2		2	7	144		188.2	Very stiff to hard, brown and gray CLAY	2		12	4	322	22
188.0		3		3	8	142		188.0		3		13	3	165	20
187.8		4		4	7	267		187.8	Stiff to hard, gray CLAY	4		14	3	176	20
187.6		5		5	7	260		187.6		5		15	3	358	17
187.4		6		6	6	314		187.4		6		16	3	118	32
187.2		7		7	4	220				7					
187.0		8		8	6	299				8					
186.8		9		9	5	267				9					
186.6		10		10	4	307				10					

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/150 mm)	Dr (kPa)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/150 mm)	Dr (kPa)	Moisture Content (%)
188.6		0						188.6		0					
188.4		1		11	4	432		188.4	Boring terminated at 22.86 m	1					
188.2		2		12	4	322		188.2		2					
188.0		3		13	3	165		188.0		3					
187.8		4		14	3	176		187.8		4					
187.6		5		15	3	358		187.6		5					
187.4		6		16	3	118		187.4		6					
187.2		7		17	5	290		187.2		7					
187.0		8		18	4	220		187.0		8					
186.8		9		19	3	220		186.8		9					
186.6		10		20	4	314		186.6		10					
186.4		11		21	10	778		186.4		11					
186.2		12		22	15			186.2	Hard, gray SILTY CLAY	12					
186.0		13		23	17			186.0		13					

GENERAL NOTES

Begin Drilling 04-09-2002 Complete Drilling 04-09-2002
 Drilling Contractor TSC Drill Rig CME 75
 Driller C&J Logger H. Suhail checked by B. Fugate
 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 2.90 m

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

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DESIGNED	KFA
CHECKED	BPS
DRAWN	CAK/JB
CHECKED	GSP

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-80/94/US 6
 KINGERY-BORMAN EXPRESSWAY
 BURHAM ROAD TO US 41

BORING LOGS (6 OF 6)
 SECTION 2626.2-R-2
 LAKE COUNTY, INDIANA
 STATION 8+581.326 TO STATION 8+733.961
 STRUCTURE NO. 016-W860

DATE 09/05

AMERICAN
 CONSULTING ENGINEERS