

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 89 91 SHEETS
F. A. I. 80/94	0203.1B	COOK	200	151	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT-					
CONTRACT NO. 62854					

**BORING LOG HB-28**  
Wang Engineering, Inc. WEI Job No.: 665-05-01  
Client: HNTB Corporation  
Project: IL 394 (FAP 94) IDOT D-91-012-01  
Location: Sections 25&26, T36N, R14E, Cook Co.

Date: NGVD  
Elevation: 163.69 m  
North: 545632.48 m  
East: 362871.26 m  
Station: 120+465.69  
Offset: 4.15 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 mm)	Cu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 mm)	Cu (kPa)	Moisture Content (%)
15.0	Hard, gray gravelly SILTY CLAY	0.0					15.0		0.0				
15.0	Boring terminated at 15.04 m	15.04											

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	02-26-2002	Complete Drilling	02-26-2002
Drilling Contractor	Mid-America Drilling	Drill Rig	D-50 ATV
Driller	B&D	Logger	E. Datz
Checked by	L. Jordsache	Time After Drilling	NA
Drilling Method	2.25-inch IDA HSA; Boring backfilled upon completion	Depth to Water	7

**BORING LOG HB-29**  
Wang Engineering, Inc. WEI Job No.: 665-05-01  
Client: HNTB Corporation  
Project: IL 394 (FAP 94) IDOT D-91-012-01  
Location: Sections 25&26, T36N, R14E, Cook Co.

Date: NGVD  
Elevation: 163.70 m  
North: 545636.90 m  
East: 362941.28 m  
Station: 120+420.55  
Offset: 6.35 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 mm)	Cu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 mm)	Cu (kPa)	Moisture Content (%)
14.8	305mm thick, black SILTY CLAY LOAM	0.0					14.8		0.0				
14.8	Very stiff, brown CLAY	0.0	1	6	211	27	14.8		0.0	11	3	236	21
14.8	Dense, brown SILT	1.2	2	12	NP	21	14.8		1.2	3	7	221	20
14.8	Very stiff, brown and gray CLAY	2.4	3	5	354	24	14.8		2.4	8	15	354	16
14.8	Very stiff, gray SILTY CLAY	3.6	4	3	268	25	14.8		3.6	8	15	354	16
14.8	Stiff to very stiff, gray CLAY	4.8	5	3	163	20	14.8		4.8	3	6	163	20
14.8	Dense, gray SILT	6.0	6	3	120	21	14.8		6.0	11	22	20	12
14.8	Hard, gray SILTY CLAY	7.2	7	3	220	20	14.8		7.2	3	7	172	21
14.8	Very dense, gray SILT	8.4	8	2	228	21	14.8		8.4	15	23	597	13
14.8	Boring terminated at 14.86 m	14.86											

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	02-27-2002	Complete Drilling	02-27-2002
Drilling Contractor	Mid-America Drilling	Drill Rig	D-50 ATV
Driller	B&D	Logger	K. Jacob
Checked by	L. Jordsache	Time After Drilling	NA
Drilling Method	3.25-inch ID HSA; Boring grouted after completion	Depth to Water	7

**BORING LOG HB-30**  
Wang Engineering, Inc. WEI Job No.: 665-05-01  
Client: HNTB Corporation  
Project: IL 394 (FAP 94) IDOT D-91-012-01  
Location: Sections 25&26, T36N, R14E, Cook Co.

Date: NGVD  
Elevation: 163.80 m  
North: 545680.02 m  
East: 362968.34 m  
Station: 120+374.34  
Offset: 3.89 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 mm)	Cu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 mm)	Cu (kPa)	Moisture Content (%)
14.9	254mm thick, black SILTY CLAY LOAM	0.0					14.9		0.0				
14.9	Stiff to very stiff, brown CLAY to SILTY CLAY	0.0	1	6	234	20	14.9		0.0	4	5	181	21
14.9	Medium dense, brown SILT	1.2	2	3	178	30	14.9		1.2	3	4	181	22
14.9	Very stiff, brown CLAY to SILTY CLAY	2.4	3	3	369	30	14.9		2.4	12	15	361	19
14.9	Stiff to very stiff, gray CLAY, trace gravel-also shale fragments	3.6	4	4	180	25	14.9		3.6	12	15	361	19
14.9	Hard, gray SILTY CLAY, trace gravel	4.8	5	3	368	21	14.9		4.8	12	14	212	15
14.9	Boring terminated at 14.91 m	14.91											

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	02-26-2002	Complete Drilling	02-26-2002
Drilling Contractor	Mid-America Drilling	Drill Rig	D-50 Truck
Driller	B&D	Logger	E. Datz
Checked by	L. Jordsache	Time After Drilling	NA
Drilling Method	2.25-inch IDA HSA; Boring backfilled upon completion	Depth to Water	7

Notes:  
1. For Page 1 of 2 of Boring Log HB-28, see Sheet No. 88 of 91 sheets.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-94/IL 394 SOUTH BOUND  
**BORING LOG HB-28, HB-29 AND HB-30**  
WB I-80/94 TO SB IL 394 - RAMP G  
FAI 80/94 - FAP 332 SECTION 0203.1B  
COOK COUNTY  
STA. 120+796.063 STRUCTURE NO. 016-2804  
DATE 3/23/05  
SCALE ---  
**HNTB**

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DESIGNED	---
CHECKED	---
DRAWN	JRB
CHECKED	GPM