

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 86 91 SHEETS
F. A. I. 80/94	*	COOK	870	600	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT-			

(0203.1 & 0312-708W) R-3 CONTRACT NO. 62108

BORING LOG HB-64 Page 1 of 2

Wang Engineering, Inc.
wangeng3ewangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

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.

Datum: NGVD
Elevations 182.09 m
North: 545986.62 m
East: 362945.01 m
Station: 440+718.24
Offset: 0.38 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)
182.09	Dark brown SILTY CLAY LOAM --TOPSOIL--	0				182.09		0			
181.5	Very stiff, brown CLAY to SILTY CLAY	1	2, 4, 6	359	19	181.5		1	4, 5, 8		18
181.0		2	2, 5, 8	243	18	181.0		2	3, 7, 7		19
180.5		3	3, 4, 8	196	19	180.5	Very stiff, gray SILTY CLAY	3	5, 10, 15		15
180.0		4	2, 7	243	19	180.0		4	20, 25, 24		15
179.5	Very stiff, gray CLAY	5	1, 2, 3	157	21	179.5	Dense, gray SILT	5	12, 21		11
179.0		6	1, 2, 4	118	21	179.0		6			
178.5		7	3, 4, 4	125	21	178.5	Very dense, gray gravelly SAND	7	12, 21		11
178.0		8	2, 4, 4	142	22			8			
177.5		9	2, 4, 5	196	21			9			
177.0		10	2, 4, 6	212	20			10			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-28-2002	Complete Drilling	11-28-2002	While Drilling	12.65 m		
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75	At Completion of Drilling	12.50 m		
Driller	K & C	Logger	B. Fugiel	Time After Drilling	NA		
Drilling Method	3.25-inch ID HSA, Boring grouted after completion.			Depth to Water	NA		

BORING LOG HB-64 Page 2 of 2

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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.

Datum: NGVD
Elevations 182.09 m
North: 545986.62 m
East: 362945.01 m
Station: 440+718.24
Offset: 0.38 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)
181.5	Boulder-size DOLOSTONE clast	17				181.5		17			
181.0	Hard, gray SILTY CLAY with cobbles	18				181.0		18			
180.5	Boring terminated at 18.19 m	18.19				180.5		18.19			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-28-2002	Complete Drilling	11-28-2002	While Drilling	12.65 m		
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75	At Completion of Drilling	12.50 m		
Driller	K & C	Logger	B. Fugiel	Time After Drilling	NA		
Drilling Method	3.25-inch ID HSA, Boring grouted after completion.			Depth to Water	NA		

BORING LOG HB-65 Page 1 of 2

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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.

Datum: NGVD
Elevations 182.89 m
North: 546003.31 m
East: 362533.09 m
Station: 440+744.66
Offset: 1.23 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)
182.89	Dark brown LOAM --TOPSOIL--	0				182.89		0			
182.4	Medium dense, light brown SILTY LOAM to SILT	1	3, 7, 8	NP	19	182.4		10	2, 3, 5		22
181.9		2	7, 7, 7	NP	16	181.9		11	2, 4, 6		20
181.4	Very stiff, light brown CLAY	2	3, 7, 9	207	19	181.4		12	1, 4, 8		20
180.9		3	3, 6, 9	346	13	180.9	Very stiff to hard, gray SILTY CLAY	12	4, 6, 10		14
180.4	Stiff to very stiff, gray CLAY	4	2, 3, 5	118	19	180.4		13	5, 10, 13		14
179.9		5	2, 4, 4	142	20	179.9		14	5, 10, 13		14
179.4		6	1, 3, 6	157	20	179.4		15	20, 32, 31		12
178.9		7	2, 4, 3	142	21	178.9	Very dense, gray gravelly SAND	15			
178.4		8	2, 4, 3	142	21			16			
177.9		9	2, 4, 4	142	22			17			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-28-2001	Complete Drilling	11-28-2001	While Drilling	13.41 m		
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75	At Completion of Drilling	13.18 m		
Driller	K&C	Logger	E. Datz	Time After Drilling	NA		
Drilling Method	3.25-inch ID HSA, Boring grouted after completion.			Depth to Water	NA		

Notes:
1. For Page 2 of 2 of Boring Log HB-65, see Sheet No. 87 of 91 Sheets.

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DESIGNED	PCA
CHECKED	MEA
DRAWN	LK
CHECKED	MEA

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
SOIL BORING LOGS
HB-64 & HB-65
SB IL ROUTE 394 / RAMP F OVER THORN CREEK
F.A.P. 332 SECTION (0203.1 & 0312-708W) R-3
COOK COUNTY
STA. 440+704.350 STRUCTURE NO. 016-2800/2845
DATE JUL 18, 2005
SCALE ---
HNTB