

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94		COOK	870	509
SECTION 0203.1 & 0312-708W R-3 CONTRACT # 62108				

SHEET NO. 36  
37 SHEETS

BORING LOG HR-37 Page 2 of 2

**Wang Engineering, Inc.**  
Consulting Geotechnical and Environmental Engineers  
wangeng3@wangeng.com  
1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

**BORING LOG HR-37**  
WEI Job No.: 665-05-01  
Client: HNTB Corporation  
Project: IL 394 (FAP 94) IDOT D-91-012-01  
Location: Sections 25&26, T38N, R14E, Cook Co.

Datum: NGVD  
Elevation: 188.05 m  
North: 545042.64 m  
East: 382523.96 m  
Station: 100+876.50  
Offset: 12.63 RT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Values (blw/50 mm)	Cu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Values (blw/50 mm)	Cu (kPa)	Moisture Content (%)
173.8	Very stiff to hard, gray SILTY CLAY	15	16	5 9 11	379	13							
		16											
		17	17	4 6 9	216	15							
170.7	Very dense, gray SILTY LOAM	18	18	25	NP	15							
		19											
188.4	Boring terminated at 19.63 m	20	19	48	NP	17							
		21											

**GENERAL NOTES**  
Begin Drilling 03-15-2002 Complete Drilling 03-15-2002  
Drilling Contractor Patrick Drilling Drill Rig CME 75 ATV  
Driller K&C Logger M. Stewart Checked by B. Fugiel  
Drilling Method 3.25-inch ID HSA Boring grouted after completion

**WATER LEVEL DATA**  
While Drilling 1.07 m  
At Completion of Drilling   
Time After Drilling NA  
Depth to Water  NA  
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING LOG MR-31 Page 1 of 2

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**BORING LOG MR-31**  
WEI Job No.: 665-05-01  
Client: HNTB Corporation  
Project: IL 394 (FAP 94) IDOT D-91-012-01  
Location: Sections 25&26, T38N, R14E, Cook Co.

Datum: NGVD  
Elevation: 187.62 m  
North: 545107.84 m  
East: 382535.87 m  
Station: 100+810.94  
Offset: 15.1795 RT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Values (blw/50 mm)	Cu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Values (blw/50 mm)	Cu (kPa)	Moisture Content (%)
187.2	Black CLAY LOAM --TOPSOIL--	1	1	3 4 5	NP	23	179.6	Stiff to very stiff, gray CLAY	8	11	3 3 3	149	22
		2	2	8 8 9	NP	28			9	12	3 3 3	181	22
185.8	Stiff, brown and gray CLAY	10	3	2 3 5	181	18			10				
185.2	Very stiff, brown and gray SILTY CLAY LOAM	11	4	2 3 6	361	19			11	13	3 4 5	133	21
184.4	Stiff, gray CLAY	12	5	2 2 5	165	23			12	14	3 4 4	196	20
		13	6	2 3 4	118	24			13				
		14	7	2 3 4	118	24			14	15	4 6 9	361	21
		15	8	3 4 4	125	22			15				
		16	9	2 2 3	157	22			16	16	6 7 10	447	20
		17	10	4 8 9	NP	21	173.4	Hard, gray SILTY CLAY	17				
180.4	Medium dense, gray SILTY LOAM	18							18				

**GENERAL NOTES**  
Begin Drilling 03-07-2002 Complete Drilling 03-07-2002  
Drilling Contractor Patrick Drilling Drill Rig CME 75 ATV  
Driller K&C Logger H. Suhail Checked by L. Jordeche  
Drilling Method 3.25-inch HSA Boring backfilled upon completion

**WATER LEVEL DATA**  
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At Completion of Drilling   
Time After Drilling NA  
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		16							16	17	15 33 504D2	>431	10
		17							17				
		18							18	18	40 9626	>431	11
169.6	Boring terminated at 18.06 m	19							19				
		20							20				
		21							21				
		22							22				

**GENERAL NOTES**  
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**WATER LEVEL DATA**  
While Drilling 1.07 m  
At Completion of Drilling   
Time After Drilling NA  
Depth to Water  NA  
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

DESIGNED	M.R./ H.T.
CHECKED	H.T.
DRAWN	J.B./ J.S.
CHECKED	H.T./ M.R.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-94/IL 394 SOUTH BOUND  
BORING LOGS 4 OF 5  
SB IL ROUTE 394 OVER CANADIAN NATIONAL RR  
F.A.P. 332 SECTION (0203.1 & 0312-708W) R-3  
COOK COUNTY  
STA. 39+752.246 S.N. 016-2798 (INSIDE LANES)  
DATE: July 18, 2005  
SCALE: NONE  
**Soodan**  
Soodan & Associates, Inc.  
107 North LaSalle Street, Suite 1800  
Chicago, Illinois 60602