

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.I. 80/94	SECTION *	COUNTY COOK	TOTAL SHEETS 870	SHEET NO. 699
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

SHEET NO. 7  
12 SHEETS

\*10203.1 & 0312-708W) R-3 CONTRACT #62108

SOIL BORING HG-01

**BORING LOG HG-01** Page 1 of 1

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

WEI Job No.: 665-05-03  
Client: HNTB Corporation  
Project: IL 394 (FAP 94) IDOT D-91-012-01  
Location: Sections 25&26, T36N, R14E, Cook Co.

Datum: NGVD  
Elevation: 182.28 m  
North: 547828.00 m  
East: 362423.27 m  
Station: 0+070.00  
Offset: 5.00 RT

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 (%)
181.8	Gray CRUSHED STONE --AGGREGATE SHOULDER--	0				181.8		0			
	Very stiff to hard, brown and gray CLAY --FILL--	1	1	>43	18			1	11	6	20
		2	2	275	18			2	12	3	17
180.1	Loose, brown SILT	3	3	192	20	178.5	Very stiff to hard, gray SILTY CLAY	10	13	7	15
178.4	Loose, gray SILT	4	4	NP	24			11	14	4	15
174.1	Medium stiff, gray CLAY to CLAY LOAM	5	5	86	24			12	14	7	15
		6	6	71	26			13	14	7	15
		7	7	79	18			14	14	7	15
		8	8	79	20			15	14	7	15
176.6	Stiff to very stiff, gray CLAY	9	9	125	21			16	14	7	15
		10	10	172	20			17	14	7	15

**GENERAL NOTES**

Begin Drilling 04-29-2002 Complete Drilling 04-29-2002  
Drilling Contractor Patrick Drilling Drill Rig CME 75  
Driller J&L Logger N. Davis Checked by B. Fuglel  
Drilling Method 3.25-in HSA; Backfilled upon completion.

**WATER LEVEL DATA**

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

SOIL BORING HG-02

**BORING LOG HG-02** Page 1 of 1

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

WEI Job No.: 665-05-03  
Client: HNTB Corporation  
Project: IL 394 (FAP 94) IDOT D-91-012-01  
Location: Sections 25&26, T36N, R14E, Cook Co.

Datum: NGVD  
Elevation: 182.28 m  
North: 547727.52 m  
East: 362477.56 m  
Station: 0+200.00  
Offset: 5.00 RT

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 (%)
180.6	Loose, black and gray GRAVELLY SANDY LOAM, trace asphalt	0				180.6		0			
	Very stiff, brown and gray SILTY CLAY --FILL--	1	1	311	23	178.4	Very stiff, gray SILTY CLAY	10	13	7	15
		2	2	314	19			11	14	7	15
180.6	Very stiff, brown CLAY	3	3	267	21			12	14	7	15
178.6	Medium dense, brown SILT	4	4	149	24			13	14	7	15
178.3	Stiff, brown SILTY CLAY	5	5	NP	24			14	14	7	15
178.5	Medium dense, gray SILT	6	6	118	23			15	14	7	15
177.9	Medium stiff to very stiff, gray CLAY	7	7	79	23			16	14	7	15
		8	8	125	27			17	14	7	15
		9	9	181	20			18	14	7	15
		10	10	204	19			19	14	7	15

**GENERAL NOTES**

Begin Drilling 04-29-2002 Complete Drilling 04-29-2002  
Drilling Contractor Patrick Drilling Drill Rig CME 75  
Driller J&L Logger N. Davis Checked by B. Fuglel  
Drilling Method 3.25-in HSA; Backfilled upon completion.

**WATER LEVEL DATA**

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

SOIL BORING HG-03

**BORING LOG HG-03** Page 1 of 1

Wang Engineering, Inc.  
1145 Main Street  
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Telephone: 630 953-9928  
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WEI Job No.: 665-05-03  
Client: HNTB Corporation  
Project: IL 394 (FAP 94) IDOT D-91-012-01  
Location: Sections 25&26, T36N, R14E, Cook Co.

Datum: NGVD  
Elevation: 181.96 m  
North: 547637.59 m  
East: 362478.69 m  
Station: 0+289.92  
Offset: 6.77 RT

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 (%)
181.8	Black, GRAVELLY SANDY LOAM	0				181.8		0			
	Medium dense, brown SILTY LOAM --FILL--	1	1	>43	19			1	11	3	20
	Black CLAY LOAM --BURIED TOPSOIL--	2	2	142	17			2	12	4	20
	Medium stiff to very stiff, brown and gray CLAY with clay loam and silty clay intercalations	3	3	133	27	178.2	Very stiff, gray SILTY CLAY	10	13	4	17
		4	4	94	26			11	14	4	17
		5	5	290	22			12	14	5	16
		6	6	125	19			13	14	5	16
		7	7	165	25			14	14	5	16
		8	8	79	28			15	14	5	16
		9	9	149	20			16	14	5	16
		10	10	157	20			17	14	5	16

**GENERAL NOTES**

Begin Drilling 04-29-2002 Complete Drilling 04-29-2002  
Drilling Contractor Patrick Drilling Drill Rig CME 75  
Driller J&L Logger N. Davis Checked by B. Fuglel  
Drilling Method 3.25-in HSA; Backfilled upon completion.

**WATER LEVEL DATA**

While Drilling  5.03 m  
At Completion of Drilling  DRY  
Time After Drilling 24 hours  
Depth to Water  1.52 m  
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

DESIGNED	LAS
CHECKED	DAZ
DRAWN	SAW
CHECKED	DAZ

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 80 (INTERSTATE 80/94)  
INTERSTATE 294 TO US ROUTE 41

SOIL BORING LOGS 1

DATE JULY 18, 2005  
SCALE

