

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING HG-07

**BORING LOG HG-07** 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  
Elevations: 184.04 m  
North: 546218.90 m  
East: 362425.95 m  
Station: 440+862.75  
Offset: 82.21 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Soil Type	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Soil Type
184.04	102-mm thick ASPHALTIC CONCRETE	0					184.04	102-mm thick ASPHALTIC CONCRETE	0				
183.8	Gray CRUSHED STONE	1	1	240	18	P	183.8	Gray CRUSHED STONE	1	1	240	18	P
183.6	Brown SANDY LOAM	2	2	668	19	B	183.6	Gray CRUSHED STONE	1	1	240	18	P
183.4	Very stiff to hard, brown CLAY to SILTY CLAY	2	2	668	19	B	183.4	Gray CRUSHED STONE	1	1	240	18	P
183.2	Medium dense, brown SILT	3	3	574	22	NP	183.2	Medium dense, brown SILT	3	3	574	22	NP
183.0	Stiff to very stiff, gray CLAY to SILTY CLAY	4	4	243	26	B	183.0	Medium dense, brown SILT	3	3	574	22	NP
182.8		5	5	369	18	B	182.8	Medium dense, brown SILT	3	3	574	22	NP
182.6		6	6	165	19	B	182.6	Medium dense, brown SILT	3	3	574	22	NP
182.4		7	7	267	20	B	182.4	Medium dense, brown SILT	3	3	574	22	NP
182.2		8	8	212	20	B	182.2	Medium dense, brown SILT	3	3	574	22	NP
182.0		9	9	204	20	B	182.0	Medium dense, brown SILT	3	3	574	22	NP
181.8		10	10	220	20	B	181.8	Medium dense, brown SILT	3	3	574	22	NP

**GENERAL NOTES**

Begin Drilling: 05-02-2002 Complete Drilling: 05-02-2002  
Drilling Contractor: Patrick Drilling Drill Rig: CME 75  
Driller: K&D Logger: N. Davis Checked by: B. Fugiel  
Drilling Method: 3.25-in HSA; Backfilled upon completion

**WATER LEVEL DATA**

While Drilling: 4.42 m  
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-08

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Wang Engineering, INC.  
1145 Main Street  
Lombard, IL 60148  
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  
Elevations: 184.22 m  
North: 546130.00 m  
East: 362426.95 m  
Station: 440+881.39  
Offset: 86.98 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Soil Type	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Soil Type
184.22	102-mm thick ASPHALTIC CONCRETE	0					184.22	102-mm thick ASPHALTIC CONCRETE	0				
184.0	Gray CRUSHED STONE	1	1	79	16	B	184.0	Gray CRUSHED STONE	1	1	79	16	B
183.8	Medium stiff to very stiff, brown SILTY CLAY	2	2	322	19	B	183.8	Medium stiff to very stiff, brown SILTY CLAY	2	2	322	19	B
183.6	Medium dense, brown SILT	3	3	509	20	NP	183.6	Medium dense, brown SILT	3	3	509	20	NP
183.4	Medium stiff to stiff, gray CLAY with silty clay intercalations	4	4	79	22	B	183.4	Medium dense, brown SILT	3	3	509	20	NP
183.2		5	5	125	29	B	183.2	Medium stiff to stiff, gray CLAY with silty clay intercalations	4	4	79	22	B
183.0		6	6	133	31	B	183.0	Medium stiff to stiff, gray CLAY with silty clay intercalations	4	4	79	22	B
182.8		7	7	181	22	B	182.8	Medium stiff to stiff, gray CLAY with silty clay intercalations	4	4	79	22	B
182.6		8	8	118	19	B	182.6	Medium stiff to stiff, gray CLAY with silty clay intercalations	4	4	79	22	B
182.4		9	9	157	20	B	182.4	Medium stiff to stiff, gray CLAY with silty clay intercalations	4	4	79	22	B
182.2		10	10	181	20	B	182.2	Medium stiff to stiff, gray CLAY with silty clay intercalations	4	4	79	22	B

**GENERAL NOTES**

Begin Drilling: 05-03-2002 Complete Drilling: 05-02-2002  
Drilling Contractor: Patrick Drilling Drill Rig: CME 75  
Driller: K&D Logger: N. Davis Checked by: B. Fugiel  
Drilling Method: 3.25-in HSA; Backfilled upon completion

**WATER LEVEL DATA**

While Drilling: 2.13 m  
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-09

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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  
Elevations: 183.75 m  
North: 546041.21 m  
East: 362428.26 m  
Station: 440+801.44  
Offset: 99.16 LT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Soil Type	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Soil Type
183.75	102-mm thick ASPHALTIC CONCRETE	0					183.75	102-mm thick ASPHALTIC CONCRETE	0				
183.5	Gray CRUSHED STONE	1	1	265	18	P	183.5	Gray CRUSHED STONE	1	1	265	18	P
183.3	Very stiff, brown CLAY to CLAY LOAM	2	2	354	20	B	183.3	Very stiff, brown CLAY to CLAY LOAM	2	2	354	20	B
183.1	Medium dense, brown SILT	3	3	506	16	NP	183.1	Medium dense, brown SILT	3	3	506	16	NP
182.9	Medium stiff to stiff, gray CLAY	4	4	103	24	B	182.9	Medium dense, brown SILT	3	3	506	16	NP
182.7		5	5	79	20	B	182.7	Medium stiff to stiff, gray CLAY	4	4	103	24	B
182.5		6	6	118	23	B	182.5	Medium stiff to stiff, gray CLAY	4	4	103	24	B
182.3		7	7	181	20	B	182.3	Medium stiff to stiff, gray CLAY	4	4	103	24	B
182.1		8	8	133	20	B	182.1	Medium stiff to stiff, gray CLAY	4	4	103	24	B
181.9		9	9	157	21	B	181.9	Medium stiff to stiff, gray CLAY	4	4	103	24	B
181.7		10	10	157	21	B	181.7	Medium stiff to stiff, gray CLAY	4	4	103	24	B

**GENERAL NOTES**

Begin Drilling: 05-03-2002 Complete Drilling: 05-03-2002  
Drilling Contractor: Patrick Drilling Drill Rig: CME 75  
Driller: K&D Logger: N. Davis Checked by: B. Fugiel  
Drilling Method: 3.25-in HSA; Backfilled upon completion

**WATER LEVEL DATA**

While Drilling: 0.15 m  
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.

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 3

DATE JULY 18, 2005  
SCALE

