

SOIL BORING HG-04

BORING LOG HG-04 Page 1 of 1

Wang Engineering, INC.
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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: 182.10 m
North: 547544.64 m
East: 362481.69 m
Station: 18+860.00
Offset: 24.73 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 LOAM --TOPSOIL-- Very stiff to hard, brown and gray SILTY CLAY --FILL--	0	1	7	196 S	181.8		0	11	155	20
180.4	Loose, brown SILT	2	2	8	400 B	180.4		2	12	142	21
178.7	Soft, gray CLAY	4	3	NP	NP	178.7		4	13	299	16
176.6	Stiff, gray CLAY	6	4	NP	NP	176.6		6	14	417	18
		8	5	1	42 B			8	15		
		10	6	118 B				10	16		
		12	7	133 B				12	17		
		14	8	133 B				14	18		
		16	9					16	19		
		18	10					18	20		

GENERAL NOTES

Begin Drilling: 04-30-2002 Complete Drilling: 04-30-2002
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-05

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Wang Engineering, INC.
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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: 183.97 m
North: 546396.13 m
East: 362423.34 m
Station: 44+138.19
Offset: 84.71 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 (%)
183.97	152-mm thick ASPHALTIC CONCRETE --PAVEMENT-- Gray CRUSHED STONE --BASE COURSE-- Loose, brown SAND --FILL-- Stiff to very stiff, brown CLAY	0	1	10	181 B	183.97		0	11	212	21
182.9	Loose to medium dense, brown SILT	2	2	4	220 B	182.9		2	12	204	21
181.6	Very stiff, gray CLAY to SILTY CLAY	4	3	NP	NP	181.6		4	13	354	18
180.7	Loose, black SAND Stiff to very stiff, gray CLAY	6	4	2	228 B	180.7		6	14	251	17
179.2		8	5	2	220 B	179.2		8	15	204	20
177.7		10	6	172 B		177.7		10	16		
176.2		12	7	149 B		176.2		12	17		
174.7		14	8	125 B		174.7		14	18		
173.2		16	9	118 B		173.2		16	19		
171.7		18	10			171.7		18	20		

GENERAL NOTES

Begin Drilling: 04-30-2001 Complete Drilling: 04-30-2002
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: 5.18 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-06

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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: 184.08 m
North: 546307.59 m
East: 362424.34 m
Station: 44+049.65
Offset: 83.64 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 (%)
184.08	102-mm thick ASPHALTIC CONCRETE --PAVEMENT-- Gray CRUSHED STONE --BASE COURSE-- Stiff to very stiff, brown CLAY SILTY CLAY	0	1	10	212 B	184.08		0	11	196	20
183.0	Loose, brown SAND --FILL-- Stiff to very stiff, brown CLAY SILTY CLAY	2	2	4	322 B	183.0		2	12	267	19
181.5	Very stiff to hard, gray SILTY CLAY	4	3	NP	NP	181.5		4	13	189	20
180.0	Medium dense, gray SILT	6	4	NP	NP	180.0		6	14	314	22
178.5	Stiff to very stiff, gray CLAY	8	5	3	204 B	178.5		8	15	172	20
177.0		10	6	149 B		177.0		10	16		
175.5		12	7	125 B		175.5		12	17		
174.0		14	8	118 B		174.0		14	18		
172.5		16	9			172.5		16	19		
171.0		18	10			171.0		18	20		

GENERAL NOTES

Begin Drilling: 04-30-2002 Complete Drilling: 04-30-2002
Drilling Contractor: Patrick Drilling Drill Rig: CME 75
Driller: K&D 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.

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 2

DATE JULY 18, 2005
SCALE

BRANCO & ZROKA
ENGINEERING, P.C.