

Wang Engineering, Inc.
 Consulting Geotechnical and Environmental Engineers
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 Telephone: 630 653-8928
 Fax: 630 653-8938

BORING LOG B-2 Page 1 of 2
 WEI Job No.: 486-02-01
 Client: Collins Engineers, Inc.
 Project: FAU 324 (IL Route 23) over Coon Creek
 Location: McHenry County, Illinois

Date: NGVD
 Elevation: 812.13 ft
 North: 2004745.29 ft
 East: 909456.79 ft
 Station: 94+73.29
 Offset: 17.8 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
825.5	Loose, dark brown SANDY LOAM --FILL--	1	1	10	NP	825.5	--% Sand = 48.8%-- --% Silt = 34.0%-- --% Clay = 14.2%--	1	1	10	NP
825.5	Loose, dark brown to black SILTY LOAM with sand seams --FILL--	2	2	10	NP	825.5		2	2	10	NP
824.1	Loose, dark brown SILTY LOAM with organic matter --BURIED TOPSOIL-- --A-2-4 (0)-- --% Gravel = 18.4%-- --% Sand = 55.3%-- --% Silt = 25.0%-- --% Clay = 2.0%--	4	4	12	NP	824.1		4	4	12	NP
821.5	Medium dense, gray GRAVELLY SAND	5	5	10	NP	821.5		5	5	10	NP
821.5	Stiff, gray CLAY LOAM	6	6	12	NP	821.5		6	6	12	NP
785.6	Medium dense, gray LOAM	7	7	10	NP	785.6	Very dense, gray SILT with gravel	7	7	10	NP
	--L _c = 18%, P _c = 9%-- --A-4 (1)-- --% Gravel = 5.2%--	8	8	10	NP			8	8	10	NP

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-09-2009	Complete Drilling	09-10-2009
Drilling Contractor	Wang Testing Service	Drill Rig	Diedrich D-50 ATV
Driller	J&G	Logger	A.Kurnia
Checked by	MLS	Time After Drilling	24-HR hours
Drilling Method	4.25-inch ID HSA; Boring Backfilled Upon Completion	Depth to Water	8.00 ft

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BORING LOG B-2 Page 2 of 2
 WEI Job No.: 486-02-01
 Client: Collins Engineers, Inc.
 Project: FAU 324 (IL Route 23) over Coon Creek
 Location: McHenry County, Illinois

Date: NGVD
 Elevation: 812.13 ft
 North: 2004745.29 ft
 East: 909456.79 ft
 Station: 94+73.29
 Offset: 17.8 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
785.5	Medium dense, gray SANDY GRAVEL	15	15	5	NP	785.5		15	15	5	NP
785.1	Very dense, gray SANDY GRAVEL	16	16	7	NP	785.1		16	16	7	NP
	--AUGER REFUSAL @ 62.0 FEET-- Boring terminated at 52.00 ft										

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-09-2009	Complete Drilling	09-10-2009
Drilling Contractor	Wang Testing Service	Drill Rig	Diedrich D-50 ATV
Driller	J&G	Logger	A.Kurnia
Checked by	MLS	Time After Drilling	24-HR hours
Drilling Method	4.25-inch ID HSA; Boring Backfilled Upon Completion	Depth to Water	8.00 ft

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BORING LOG B-3 Page 1 of 1
 WEI Job No.: 486-02-01
 Client: Collins Engineers, Inc.
 Project: FAU 324 (IL Route 23) over Coon Creek
 Location: McHenry County, Illinois

Date: NGVD
 Elevation: 804.20 ft
 North: 2004760.66 ft
 East: 909506.16 ft
 Station: 95+38.49
 Offset: 28.5 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
803.2	Fine SAND --STREAMBED--	2	2	10	NP	803.2	--L _c = 20%, P _c = 11%-- --A-4 (2)-- --% Gravel = 9.1%-- --% Sand = 34.4%-- --% Silt = 40.2%-- --% Clay = 16.3%--	2	2	10	NP
801.2	GRAVELLY SAND --AUGER CUTTING-- --A-3 (0)-- --% Gravel = 30.3%-- --% Sand = 66.8%-- --% Silt and Clay = 4.1%--	3	3	8	NP	801.2	Loose to medium dense, dark brown to gray, fine to medium SAND with clay	3	3	8	NP
788.7	Very dense, gray LOAM	10	10	13	NP	788.7		10	10	13	NP
786.2	Very dense, gray SILT with gravel	11	11	10	NP	786.2		11	11	10	NP
786.2	Medium dense, gray LOAM	12	12	50	NP	786.2		12	12	50	NP
		13	13	25	NP			13	13	25	NP
		14	14	48	NP			14	14	48	NP
		15	15	50	NP			15	15	50	NP
		16	16	50	NP			16	16	50	NP
		17	17	50	NP			17	17	50	NP
		18	18	50	NP			18	18	50	NP
		19	19	50	NP			19	19	50	NP
		20	20	50	NP			20	20	50	NP

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	09-11-2009	Complete Drilling	09-11-2009
Drilling Contractor	Wang Testing Service	Drill Rig	Diedrich D-50 ATV
Driller	J&G	Logger	A.Kurnia
Checked by	MLS	Time After Drilling	NA
Drilling Method	4.25-inch ID HSA; Boring Backfilled Upon Completion	Depth to Water	NA