

Wang Engineering
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BORING LOG NW-19
 WEI Job No.: 195-05-01
 Client: **Strand Associates, Inc.**
 Project: **US Route 30 from Briarcliff Road to US Route 34**
 Location: **Kendall County, IL**

Datum: NGVD
 Elevation: 670.13 ft
 North: 1840281.80 ft
 East: 986945.31 ft
 Station: 348+49.58
 Offset: -35.61

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Cu (tsf)	Moisture Content (%)
669.8	84-inch thick, brown CLAY LOAM --TOPSOIL--												
	Stiff, brown CLAY LOAM to SILTY CLAY LOAM, some GRAVEL		1	4 4 5	1.50	12							
	--FILL--												
			2	2 6 7	1.00	19							
654.6	Medium dense, SANDY LOAM and GRAVEL		3	4 12 14	NP	8							
652.1	Stiff, gray GRAVELLY CLAY LOAM		4	5 6 6	1.75	9							
659.6	Dense, gray SILTY LOAM, trace GRAVEL		5	17 16 20	NP	8							
655.4	Gray SAND		6	5 7 7	3.69	11							
655.4	Very stiff, gray SILTY CLAY, trace GRAVEL		7	5 8 11	2.54	34							
650.1	Boring terminated at 20.00 ft		8	3 6 9	3.36	29							

GENERAL NOTES
 Begin Drilling: 10-01-2010 Complete Drilling: 10-01-2010
 Drilling Contractor: WTS Drill Rig: ATV, Diederich 50
 Driller: K&K Logger: K. Mohammed Checked by: C. Marin
 Drilling Method: 3.25" HSA

WATER LEVEL DATA
 While Drilling: 14.00 ft
 At Completion of Drilling: 17.00 ft
 Time After Drilling: NA
 Depth to Water: NA
 The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

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BORING LOG NW-20
 WEI Job No.: 195-05-01
 Client: **Strand Associates, Inc.**
 Project: **US Route 30 from Briarcliff Road to US Route 34**
 Location: **Kendall County, IL**

Datum: NGVD
 Elevation: 668.92 ft
 North: 1840201.88 ft
 East: 987245.15 ft
 Station: 351+47.56
 Offset: 50.90

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Cu (tsf)	Moisture Content (%)
	12-inch thick, black SILTY CLAY LOAM												
	--TOPSOIL--												
	Soft to very stiff, black and brown CLAY LOAM, trace GRAVEL		1	3 4 5	2.30	26							
	--FILL--												
			2	1 1 2	0.41	27							
653.4	Very stiff to hard, brown to gray SILTY CLAY, trace GRAVEL		3	3 6 8	4.18	22							
			4	4 5 6	3.53	22							
			5	3 5 7	3.28	25							
			6	2 4 5	2.05	23							
			7	2 4 5	2.46	23							
			8	3 4 6	2.30	22							
648.9	Boring terminated at 20.00 ft												

GENERAL NOTES
 Begin Drilling: 11-11-2010 Complete Drilling: 11-11-2010
 Drilling Contractor: WTS Drill Rig: TMR CME B-57
 Driller: R&J Logger: C. Davis Checked by: C. Marin
 Drilling Method: 3.25" HSA

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.

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BORING LOG NW-21
 WEI Job No.: 195-05-01
 Client: **Strand Associates, Inc.**
 Project: **US Route 30 from Briarcliff Road to US Route 34**
 Location: **Kendall County, IL**

Datum: NGVD
 Elevation: 669.81 ft
 North: 1840200.17 ft
 East: 987059.56 ft
 Station: 349+62.16
 Offset: 48.88

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Cu (tsf)	Moisture Content (%)
	16-inch thick, black SILTY CLAY --TOPSOIL--												
658.5	Hard, brown and gray CLAY LOAM, trace GRAVEL		1	3 6 14	4.50	24							
	--FILL--												
	Medium dense, brown GRAVELLY SAND		2	4 8 7	NP	7							
			3	6 7 8	NP	7							
651.3	Stiff to very stiff, gray SILTY CLAY, trace GRAVEL		4	3 3 6	3.44	26							
			5	3 4 5	3.69	22							
			6	2 4 4	1.89	25							
			7	2 3 5	2.21	24							
			8	0 2 6	2.38	22							
649.3	Boring terminated at 20.00 ft												

GENERAL NOTES
 Begin Drilling: 11-11-2010 Complete Drilling: 11-11-2010
 Drilling Contractor: WTS Drill Rig: TMR CME B-57
 Driller: R&J Logger: C. Davis Checked by: C. Marin
 Drilling Method: 3.25" HSA

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.

(Sheet 7 of 14)