

Wang Engineering
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 1145 N Main Street
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BORING LOG NW-37
 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: 666.68 ft
 North: 1840013.31 ft
 East: 983867.48 ft
 Station: 317+60.85
 Offset: 50.16

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 (%)
667.7	12-inch thick, black SILTY LOAM												
	--TOPSOIL--												
	Very stiff to hard, black, brown and gray SILTY CLAY, trace GRAVEL	1	6	4.50	25								
	--FILL--												
664.4	Wet SANDY GRAVEL	2	4	2.00	25								
653.2	Very stiff to hard, brown and gray, SILTY CLAY, trace GRAVEL	3	5	4.50	21								
		4	4	4.50	19								
		5	5	4.50	21								
		6	3	3.75	21								
		7	3	2.25	22								
		8	3	3.25	20								
648.7	Boring terminated at 20.00 ft	20											

GENERAL NOTES
 Begin Drilling: 10-12-2010 Complete Drilling: 10-12-2010
 Drilling Contractor: WTS Drill Rig: ATV D-50 Turbo
 Driller: K&K 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-38
 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: 669.57 ft
 North: 1840006.10 ft
 East: 983592.81 ft
 Station: 314+90.69
 Offset: 49.48

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 (%)
668.6	12-inch thick SILTY LOAM												
	--TOPSOIL--												
	Very stiff, black, brown and gray CLAY LOAM	1	4	2.00	31								
665.8	Very stiff to hard, brown, SILTY CLAY, trace GRAVEL	2	3	2.00	29								
		3	3	4.50	16								
		4	3	4.50	14								
	--HARD DRILLING AT 10.5'--												
		5	10	2.50	24								
		6	3	4.25	22								
		7	2	2.00	22								
		8	2	2.00	23								
649.6	Boring terminated at 20.00 ft	20											

GENERAL NOTES
 Begin Drilling: 10-12-2010 Complete Drilling: 10-12-2010
 Drilling Contractor: WTS Drill Rig: ATV D-50 Turbo
 Driller: K&K 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-39
 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: 671.37 ft
 North: 1840022.16 ft
 East: 983321.88 ft
 Station: 312+23.74
 Offset: 50.51

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 (%)
670.4	12-inch thick, black SILTY LOAM												
	--TOPSOIL--												
	Very stiff, black, brown and gray CLAY LOAM	1	5	2.00	27								
	--FILL--												
667.6	Medium dense, brown SILTY LOAM	2	5	NP	18								
655.9	GRAVEL	3	5	4.00	17								
654.3	Hard, brown to gray SILTY CLAY, trace GRAVEL	4	3	4.50	15								
		5	6	4.50	14								
		6	3	4.50	19								
		7	4	3.00	23								
		8	2	2.25	23								
651.4	Boring terminated at 20.00 ft	20											

GENERAL NOTES
 Begin Drilling: 10-12-2010 Complete Drilling: 10-12-2010
 Drilling Contractor: WTS Drill Rig: ATV D-50 Turbo
 Driller: K&K Logger: C. Davis Checked by: C. Marin
 Drilling Method: 3.25" HSA

WATER LEVEL DATA
 While Drilling: 6.50 ft
 At Completion of Drilling: 14.00 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.

(Sheet 13 of 14)