

Wang Engineering
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1145 N Main Street
Lombard, IL 60148
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BORING LOG WC28-B01 Page 1 of 1

WEI Job No.: 790-36-01

Datum: NGVD
Elevation: 619.32 ft
North: 1764297.39 ft
East: 956858.95 ft
Station: 6453+54.07
Offset: 75.15 RT

Client: **TransSystems Corporation**
Project: **Illinois Route 47, Section IL 47B**
Location: **Mainline, Kendall Co.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	Qu (tsf)	Mohr's Cont. (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	Qu (tsf)	Mohr's Cont. (%)
619.5	10-inch thick, dark brown SILTY LOAM --TOPSOIL-- Very loose, brown SILTY LOAM	1	1	1	NP	23		603.8	Very stiff, gray SILTY LOAM to SILTY CLAY LOAM	7	7	7	2.87	14	
615.9	Stiff, brown and gray SILTY CLAY, little gravel	2	3	5	1.50	18		601.3	Very stiff to hard, gray SILTY CLAY --A-6 (23)-- --L _c (%)=39, P _c (%)=17-- --% Gravel = 0.0-- --% Sand = 0.5-- --% Silt = 50.9-- --% Clay = 48.6--	6	6	3.20	21		
612.3	Medium dense to dense, gray SILT	3	5	6	NP	20		598.6	Dense to very dense, gray SILTY LOAM, some gravel and boulders	8	8	4.51	19		
610.3	--A-4 (0)-- --% Gravel = 0.0-- --% Sand = 0.5-- --% Silt = 95.1-- --% Clay = 4.4--	4	18	20	NP	20		595.6	Dense to very dense, gray SILT, little gravel	10	10	NP	10		
		5	21	24	NP	19		593.8	Dense to very dense, gray SILT	12	12	NP	10		
		6	11	14	NP	15		591.4		15	15	NP	9		
		15						589.3		30					

GENERAL NOTES

Begin Drilling **09-09-2009** Completes Drilling **09-09-2009** While Drilling **DRY**

Drilling Contractor **WTS** Drill Rig **D 120 ATV** At Completion of Drilling **WASHED**

Driller **K&J** Logger **B. Wilson** Checked by **C. Marin** Time After Drilling **NA**

Drilling Method **.325 IDA HSA; Boring backfilled upon completion...** Depth to Water **NA**

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WATER LEVEL DATA

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BORING LOG WC28-B02 Page 1 of 1

WEI Job No.: 790-36-01

Datum: NGVD
Elevation: 621.35 ft
North: 1764285.39 ft
East: 956779.03 ft
Station: 6453+40.40
Offset: 4.48 LT

Client: **TransSystems Corporation**
Project: **Illinois Route 47, Section IL 47B**
Location: **Mainline, Kendall Co.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	Qu (tsf)	Mohr's Cont. (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	Qu (tsf)	Mohr's Cont. (%)
620.4	12-inch thick, GRAVELLY SILT --FILL--	1	3	3	1.00	35		605.9	Very stiff to hard, gray SILTY CLAY LOAM, trace gravel	7	7	17	4.55	15	
618.9	Stiff, dark brown CLAY LOAM, trace gravel --BURIED TOPSOIL--	1	3	3	1.00	35		615.9	Soft to stiff, brown and gray SILTY CLAY LOAM, little gravel	2	2	2	23		
615.9		2	2	2				612.3		3	3	2	2		
		3	2	2				608.4		4	4	2	2		
		4	2	2	0.25	28		604.4	Hard, gray CLAY	5	5	10	4.10	20	
		5	2	2				601.4		6	6	10	17		
		10	4	7				599.9	Dense to very dense, gray SILT	10	10	NP	18		
		15	5	9	NP	16		598.4		11	11	17	NP	18	
		18	6	37	NP	17		594.4		15	15	NP	15		
		42						591.4		30					

GENERAL NOTES

Begin Drilling **09-09-2009** Completes Drilling **09-09-2009** While Drilling **DRY**

Drilling Contractor **WTS** Drill Rig **D 120 ATV** At Completion of Drilling **DRY**

Driller **K&J** Logger **B. Wilson** Checked by **C. Marin** Time After Drilling **NA**

Drilling Method **.325 IDA HSA; Boring backfilled upon completion...** 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 WC28-B03 Page 1 of 1

WEI Job No.: 790-36-01

Datum: NGVD
Elevation: 624.89 ft
North: 1764330.81 ft
East: 956715.60 ft
Station: 6453+84.27
Offset: 68.42 LT

Client: **TransSystems Corporation**
Project: **Illinois Route 47, Section IL 47B**
Location: **Mainline, Kendall Co.**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	Qu (tsf)	Mohr's Cont. (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	Qu (tsf)	Mohr's Cont. (%)
624.4	14-inch thick, ASPHALT --PAVEMENT--	1	9	9	NP	3		608.4	Dense to very dense, gray SILT	7	7	17	NP	15	
620.7	Loose to medium dense, brown, fine to coarse GRAVELLY SAND --FILL--	1	9	9	NP	3		615.9		8	8	25	NP	17	
618.4	Medium stiff, brown and gray LOAM, little gravel --FILL-- --A-6 (10)-- --L _c (%)=35, P _c (%)=14-- --% Gravel=6.1-- --% Sand=30.4-- --% Silt=45.5-- --% Clay=18.1--	1	1	2	0.75	21		612.3	Very stiff to hard, gray CLAY to SILTY CLAY	3	3	8	2.87	22	
615.1	Soft, brown and gray SILTY LOAM --A-4 (6)-- --L _c (%)=26, P _c (%)=18-- --% Gravel=2.2-- --% Sand=8.6-- --% Silt=75.8-- --% Clay=13.3--	2	2	2	2.00	17		608.9		10	10	8	12		
611.9	Very stiff, brown to gray SILTY CLAY	4	4	4	0.41	24		605.9	Very dense, gray SILT	11	11	8	9.84	18	
		6	4	6	2.38	21		598.9		12	12	21	NP	15	
		15						594.9		30					

GENERAL NOTES

Begin Drilling **12-11-2009** Completes Drilling **12-11-2009** While Drilling **DRY**

Drilling Contractor **WTS** Drill Rig **B-57 TMR** At Completion of Drilling **DRY**

Driller **K&J** Logger **B. Wilson** Checked by **C. Marin** Time After Drilling **NA**

Drilling Method **.325 IDA HSA; Boring backfilled upon completion...** Depth to Water **NA**

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WATER LEVEL DATA

REVISED -	USER NAME =	DESIGNED - PSS
REVISED -	FILE NAME =	CHECKED - VPT
REVISED -	PLOT SCALE =	DRAWN - AJF
REVISED -	PLOT DATE =	CHECKED - VPT



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS
STRUCTURE NO. 047-2030

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(109, 110R-1)	KENDALL	619	383
CONTRACT NO. 66B84				
ILLINOIS FED. AID PROJECT				