

BORING LOG WC31-B01 Page 1 of 1
 WEI Job No.: 790-36-01
 Client: TranSystems Corporation
 Project: Illinois Route 47, Section IL 47A
 Location: Mainline, Grundy Co.
 Datum: NGVD
 Elevation: 588.97 ft
 North: 1744627.10 ft
 East: 959507.07 ft
 Station: 6248+80.52
 Offset: 92.24 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
588.9	Loose, black SANDY LOAM, little gravel --FILL-- --SHOULDER--	1	2	NP	25		588.9						
588.0	Stiff, brown GRAVELLY SILTY CLAY LOAM --FILL-- --A-7-6 (12)-- --L (%)=44, P (%)=17-- --%Gravel=28.7-- --%Silt=13.7-- --%Clay=17.7--	2	2	1.00	22		588.0						
583.5	Stiff, black CLAY LOAM --BURIED TOPSOIL-- Dense, gray SANDY GRAVEL	3	18	1.00	30		583.5						
582.0		5	12	NP	9		582.0						
582.0		10	13	NP	9		582.0						
582.0		18	18	NP	4		582.0						
528.5	Dense, gray rock fragments --WEATHERED BEDROCK--	20	21	NP	4		528.5						
525.2	--AUGER REFUSAL--	6					525.2						
	Boring terminated at 13.75 ft												

GENERAL NOTES
 Begin Drilling: 07-24-2009 Complete Drilling: 07-24-2009
 Drilling Contractor: WTS Drill Rig: D 120 ATV
 Driller: K&J Logger: F. Bozga Checked by: C. Marin
 Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion.

WATER LEVEL DATA
 While Drilling: DRY
 At Completion of Drilling: DRY
 Time After Drilling: NA
 Depth to Water: NA

BORING LOG WC31-B02 Page 1 of 1
 WEI Job No.: 790-36-01
 Client: TranSystems Corporation
 Project: Illinois Route 47, Section IL 47A
 Location: Mainline, Grundy Co.
 Datum: NGVD
 Elevation: 585.89 ft
 North: 1744880.81 ft
 East: 959431.18 ft
 Station: 6248+15.12
 Offset: 16.74 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
584.8	12" black LOAM --TOPSOIL--						584.8						
582.9	Stiff, brown SANDY CLAY LOAM --AUGER REFUSAL--	1	2	1.25	14		582.9						
582.9	--OFFSET 6 FT SOUTH-- Very stiff, brown SILTY CLAY LOAM, little gravel	2	2	3.00	18		582.9						
577.9	--Hard drilling-- Very dense, rock fragments --WEATHERED BEDROCK--	4	5	50/1			577.9						
525.4	--AUGER REFUSAL-- --OFFSET 15 FT NORTHWEST-- Strong, light gray, very poor, horizontally and vertically fractured DOLOSTONE with rusted weathered joints RECOVERY = 95% ROD = 17.5%	10					525.4						
	Boring terminated at 15.50 ft												

GENERAL NOTES
 Begin Drilling: 07-24-2009 Complete Drilling: 07-24-2009
 Drilling Contractor: WTS Drill Rig: D 120 ATV
 Driller: K&J Logger: F. Bozga Checked by: C. Marin
 Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion.

WATER LEVEL DATA
 While Drilling: DRY
 At Completion of Drilling: WASHED
 Time After Drilling: NA
 Depth to Water: NA

BORING LOG WC31-B03 Page 1 of 1
 WEI Job No.: 790-36-01
 Client: TranSystems Corporation
 Project: Illinois Route 47, Section IL 47A
 Location: Mainline, Grundy Co.
 Datum: NGVD
 Elevation: 586.30 ft
 North: 1744718.96 ft
 East: 959366.95 ft
 Station: 6248+74.08
 Offset: 46.76 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
585.3	12-inch thick, dark brown SILTY LOAM --TOPSOIL--						585.3						
581.9	Medium stiff, brown and gray SILTY CLAY LOAM --A-7-6 (31)-- --L (%)=52, P (%)=19-- --%Gravel=0.6-- --%Sand=11.7-- --%Silt=62.0-- --%Clay=25.7-- Qu = 0.75 P	1	4	6.75	27		581.9						
581.9	Loose, brown and gray SILTY LOAM, some gravel	2	3	NP	12		581.9						
580.8	Stiff, gray CLAY LOAM, some gravel	3	6	1.25	12		580.8						
527.3	Dense, SANDY GRAVEL --WEATHERED BEDROCK--	4	13	NP	8		527.3						
525.3	--AUGER REFUSAL--	5					525.3						
	Boring terminated at 11.10 ft												

GENERAL NOTES
 Begin Drilling: 08-12-2009 Complete Drilling: 08-12-2009
 Drilling Contractor: WTS Drill Rig: D 120 ATV
 Driller: K&J Logger: B. Wilson Checked by: C. Marin
 Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion.

WATER LEVEL DATA
 While Drilling: 9.00 ft
 At Completion of Drilling: DRY
 Time After Drilling: NA
 Depth to Water: NA

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. 032-2536

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	392
ILLINOIS FED. AID PROJECT				