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BORING LOG WC33-B02

WEI Job No.: 790-36-01

Client: **TranSystems Corporation**
Project: **Prairie Parkway**
Location: **IL 47 Over Saratoga Creek, Grundy Co., IL**

Datum: NGVD
Elevation: 560.10 ft
North: 1731637.78 ft
East: 959598.45 ft
Station: 6117+89.52
Offset: 30.45 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
559.1	12-inch thick, dark brown SILTY LOAM --TOPSOIL-- Very soft to soft, brown and gray SILTY CLAY LOAM to SILTY LOAM, trace gravel --L _c (%)=32, P _L (%)=15-- --%Gravel=7.1-- --%Sand=22.8-- --%Silt=54.3-- --%Clay=15.8-- --A-6 (6)--	0	1	4	0.25	39	534.6	Very dense, gray SILTY LOAM, some gravel	12	14	NP	6	
554.6	Medium dense, gray SILTY LOAM, some gravel	5	2	1	< 0.25	26	531.1	Very dense, gray LOAM and broken pieces of rock	30	13	9	NP	22
547.1	Very stiff to hard, gray SILTY CLAY, little gravel	15	3	3	NP	10	528.1	Medium dense, gray SILT --WEATHERED BEDROCK--	35	14	5	NP	10
542.1	Very dense, gray GRAVELLY SAND	20	4	5	NP	14	522.1	Very weak, very poor quality, gray to pale green, WEATHERED SHALE --WEATHERED BEDROCK--	45	1	1	EROC	19
539.6	Medium dense, gray SILTY LOAM, some gravel	25	5	9	NP	18			45	2	17	EROC	11
537.1	Very dense, gray SANDY LOAM, some gravel	25	6	10	NP	11			45	15	17	NP	53
			7	5	NP	10			50	16	26	NP	11
			8	3	NP	10					22		
			9	10	NP	10					45		
			10	8	NP	10					22		
				22							29		

GENERAL NOTES

Begin Drilling **06-17-2009** Complete Drilling **06-18-2009**
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 **DRY**
At Completion of Drilling **WASHED**
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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509.6	SHALE --BEDROCK--	55	17	50			502.6	Strong, excellent quality, white to light gray, fresh DOLOSTONE	60	3			
								Run #3, 57.5' to 62.5' RECOVERY = 98% RQD = 92%					
								Run #4, 62.5' to 67.5' RECOVERY = 100% RQD = 100%					
							492.6	Boring terminated at 67.50 ft	70				

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USER NAME = bdecræne
DESIGNED - STM
CHECKED - BAN
PLOT SCALE = NONE
DRAWN - STM
PLOT DATE = 8/6/2013
CHECKED - BAN

DESIGNED - STM
CHECKED - BAN
DRAWN - STM
CHECKED - BAN

Hutchison Engineering, Inc.
JACKSONVILLE-SHOREWOOD-PEORIA

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 032-0122

SHEET NO. 29 OF 32 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	110BR	GRUNDY	644	355

CONTRACT NO. 66B83

ILLINOIS FED. AID PROJECT