

ROCK CORE LOG

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Date 06/18/2009

Prairie Parkway Section IL47A

ROUTE IL 47 DESCRIPTION Structure Boring			LUGG	EDBA	Brar	ndon Wilson	
SECTION IL 47 over Saratoga Cre	eek SEC	. 16	_ TWF	P. <u>341</u>	1	RNG7E_	PM
Top of Rock Elev. 522		2.060 D E P T H (ft)	C O R E (#)	R E C O V E R Y (%)	R . Q . D . (%)	CORE T I M E (min/ft)	S T R E N G T H (tsf)
Very weak, very poor quality, gray to pale green, WEATHERED SHALE	Run 1	38	1	73	9		
Very weak, very poor quality, gray to pale green, WEATHERED SHALE	<u>Run 2</u>	41.75	2	78	0		
Strong, excellent quality, white to light gray DOLOSTONE	Run 3	57.5	3	98	92		
Strong, excellent quality, white to light gray DOLOSTONE	Run 4	62.5	4	100	100		
Color pictures of the cores Yes							

Cores will be stored for examination until

The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS 138 (Rev. 3/01)

Wang Engineering

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BORING LOG WC33-B03

WEI Job No.: 790-36-01

TranSystems Corporation Project Prairie Parkway

Location IL 47 Over Saratoga Creek, Grundy Co., IL.

Datum: NG√D Elevation: 569.14 ft North: 1731779.21 ft East: 959690.12 ft Station: 6119+29.36 Offset: 63.55 RT

																	_
Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (fsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND RO		Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	
الساء شغيرا	12-inch thick, ASPHALT	_		Г					543.6					П			t
11 5000.1	SHOULDER- Stiff to very stiff, brown and gray SILTY CLAY to SILTY CLAY LOAM, some gravel	-	X	1	3 5 4	2.25 P	17					3.7	X	11	6 8 14	5.00 B	
	FILL	 - 5_	X	2	2 3 3	1.31 B	22				%Silt=49 Clay=37 A-6 (1	9.3 7.2	X	12	6 8 10	4.51 B	
		-	X	3	1 2 _3	1.56 S	20					-					
		10	X	4	2 4 4	1.78 S	21					35_	X	13	4 5 8	2.87 B	
	Medium stiff, brown and gray SILTY CLAY LOAM to SILTY LOAM, trace gravel L _L (%)=34, P _L (%)=16. %Gravel=6.9-		X	5	1 2 2	0.50 P	26		н	ard drilling		-					
	%Sand=13.5 %Silt=61.9 %Clay=17.7 A-6 (13)		X	6	1 1 10	0.82 B	20		530.4 De gra	nse, gray SANDY l ivel	OAM, li	ttle - 40_	X	14	10 21 17	NP	
551.1	Wet SAND	_ _ _ _	X	7	0 1 <u>3</u>	-	25		526.1			-					
	Hard, gray SILTY CLAY, trace gravel	20	X	8	2 4 8	4.76 B	19			ry dense, gray LOA DLOSTONE fragme WEATHERED E	ents	CK 45_	×	115	5 <u>24</u> 3	NP	
		-	X	9	4 7 11	6.64 B	14		521.1			-					
	Stiff to hard, gray SILTY LOAM, trace gravel	25	X	10	6 9 10	1.64 S	14	/ / / /	qua DC	ry strong, fair to exc ality, light gray, fres DLOSTONE with tra n #1, 48' to 53'	h	e _ 50_			CORE		
	GENERA	LN	ОТ	ES				_		WA	TER	LEVE	L D	AT.	Α		_
Begin Dr	rilling 12-03-2009	Com	plete	Dri	lling	1	2-08	-20	09	While Drilling		<u> </u>		17.5	0 ft		
Drilling C	Contractor WTS K&J Logger									At Completion of Di Time After Drilling	rilling	▼ NA	V	VAS	HED		
Drilling N										Depth to Water The stratification line between soil types: tr	s represer	NA nt the app	roxima	ate bo	undar	/	_

	USER NAME = bdecraene	DESIGNED	-	STM	T T		_
:\3195\Structure\032-0122\0320122-668	83-030-BORINGS 3.dgn	CHECKED	-	BAN	$oldsymbol{H} utchison$	Engineering,	Inc.
	PLOT SCALE = NONE	DRAWN	-	STM	JACKSONVILLI	E-SHOREWOOD-PEORI	Ά
	PLOT DATE = 8/6/2013	CHECKED	-	BAN			

STATE	OF IL	LINOIS
DEPARTMENT	OF TR	ANSPORTATION

BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	S SHE S NO	
STRUCTURE NO. 032-0122	326	110BR	GRUNDY	644		
			CONTRACT	L NO. 6	66B	
SHEET NO. 30 OF 32 SHEETS		ILLINOIS FED. A	ID PROJECT			