

SOIL BORING LOG

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Date 4/10/12

ROUTEIL 47 (FAP 326) DESCRIPTION				IL 47 & US 52 Intersection Traffic Signals LOGGED BY Larry I					
SECTION _	(109,110)R-1		_ L	OCAT	ION	SE 1/4	, SEC. 16, TWP. 35N, F	RNG. 7E	
COUNTY _	Kendall DF	RILLING	MET	HOD		Ho	llow Stem Auger	_ HAMMER TYPE	CME Automatic
Station		_	D E P T	B L O W	U C S	M O I S	Surface Water Elev. Stream Bed Elev.	ft ft	
Station Offset	1 (S.E. Quad.) 6450+64 (IL 47) 74.00ft Rt.	_	Н	S	Qu	Т	Upon Completion	Dry ft ft	
	face Elev. 622.93	ft	(ft)	(/6")	(tsf)	(%)	After Hrs.	ft	
Topsoil Fill	ck Silty Clay Loam	-	_						
		-							
Stiff Greenish	Brown Silty Clay	620.43	_	1					
				2	1.5 P	26.0			
		-	_						
		-	-5	3					
		-		2	1.3 P	23.5			
Hard Cray Si	Ity Clay Loam Till	615.93							
naid Gray Si	ity Clay Loan Till	_	_	4					
			_	5 6	4.1 S	14.1			
		-	-10						
		-	-10	4					
		-		6 8	6.1 S	17.1			
		-		5	E 4	18.8			
				6	5.4 S	18.8			
			-15						
			_	6 7	5.9	16.0			
End of Boring		606.43		8	S				
Liid oi Bonni	¥	-	_						
		-							
		-							
			-20						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)



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ECTION(109,110)R-1									
COUNTY Kendall DRILLII			LING METHOD			llow Stem Auger	HAMMER TYPE	CME Automatic	
TRUCT. NOStation		DEPFH	o W	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.:	ft		
Station 6451+75 (IL 47) Offset 2.00ft Lt.					(%)	First Encounter Upon Completion	ft		
Ground Surface Elev. 621.52 ugered Black Silty Clay Loam opsoil Fill	п		(0)	(LSI)	(70)	After Hrs.	π		
	619.02								
tiff Brown Silty Clay		_	2 3 4	1.5 P	27.4				
lard Grayish Brown Silty Clay oam Till	616.52	<u>-5</u>	4 5 8	4.1 S	17.8				
		_	9 15 18	10.1 S	17.9				
lard Gray Silty Clay Loam Till	611.52	-10	7 8 9	6.2 S	16.4				
		_	5	5.1	18.0				
lard Gray Silt with Minor Clay	606.52	-15	12	>4.5	15.6				
nd of Boring	605.02		31	P					
		_							

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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FILE NAME =	USER NAME = bdecraene	DESIGNED	-	RC	
V:\3195\66B84 (North Section)\CADD Sheet	s\D366B84-sht-ts-12.dgn	DRAWN	-	RC	
	PLOT SCALE = 40.0000 '/ in.	CHECKED	-	ST	
\$MODELNAME\$	PLOT DATE = 7/14/2014	DATE	-	7/01/2014	-





IL. RTE. 47 AT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHE		
BORING	326	(109, 110)R-1	KENDALL	619	363		
			CONTRACT	NO. 6	6B84		
SCALE: N/A SHEET NO. 13 OF 13 SHEET	S STA. N/A	TO STA. N/A		ILLINOIS FED.	. AID PROJECT		