

GSI Job No. 10025

SOIL BORING LOG

Page 1 of 1

Date	8/21/13

	ROUTE FAP 373 (IL 171)	DE	SCR	IPTIOI	N	IL R	oute 171 from 47th St. to	55th St.	LC	ogg	ED BY	(k	Œ
	SECTION		_ ι	OCA	TION_	SW 1/-	4, SEC. 2, TWP. T38N, F	RNG. R12E,	3 rd PM				
	COUNTY Cook DI	RILLING	3 ME	THOE		Hol	llow Stem Auger	HAMMER	TYPE	C	OME A	utoma	tic
	STRUCT. NOStationSG-07	_	D E P T	B L O W	U C S	M O I S	Surface Water Elev Stream Bed Elev Groundwater Elev.:	n/a	_ ft _ ft	D E P T	B L O W	U C S	M O I S
	Station 114+24 Offset 0.60ft Right		Н	S	Qu	T	First Encounter	Dry	_ ft	Н	S	Qu	Т
	Ground Surface Elev. 627.60	ft	(ft)	(/6")	(tsf)	(%)	Upon Completion After Hrs.	Dry	_ft	(ft)	(/6")	(tsf)	(%)
	6.0" TOPSOIL-black	627.10					SILTY CLAY LOAM-gra very dense (continued)						
	CLAY LOAM-brown & gray-very stiff to hard (Fill)			5		9	very defise (continued)				31		
				7	5.3	16					42		8
			<u> </u>	7	В					_	50/5"		
			_	3						_	23		
က				5	3.6	16					23		9
0/30/1			5	7	В				approximent	-25	21		
357.1							CLAY-gray-hard		602.10				
000				3							6		
025_1				5 7	3.3 B	19					10 11	4.0 B	20
GSM			_							-	8.9		
RINGLO		,	_	2							4		
25 BC			_	4 6	2.8 B	16	End Of Boring @ -30.0 backfilled with cuttings.			-	8 12	4.5 B	20
4)1100		617.10	-10	0			and the second s		597.60	-30	12	Ь	
EM 1	CLAY LOAM-brown & gray-hard			_									
2			·	6	5.9	12				12-11			
PTB				9	В								
9	SILTY LOAM-gray-very dense	614.60											
AVE.	SILTY LOAM-gray-very dense		-	18									
RS				27		6							
-171			15	42						-35			
CH.			_										
ENES		,		44 50/4"		10							
3025 E				JU/4		10				_			
010/10		609.60											
STS12	SILTY CLAY LOAM-gray-dense to very dense		-	33						_			
SOFE	\$		-	50/2"		7							
Ė				İ									

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, from 137 (Rev. 8-99)

\$FILEABBREV\$

benesch Alfred Benesch & Company
205 North Michigan Avenue, Sulte 2400
Chicago, Illinois 60601

USER NAME = \$USER\$	DESIGNED -	REVISED -	
	CHECKED -	REVISED -	
PLOT SCALE =	DRAWN -	REVISED -	
PLOT DATE = 12/20/2013	CHECKED -	REVISED -	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** OVERHEAD SIGN STRUCTURE STA 114+60.00 TOTAL SHEET NO. 821 192 SECTION 2013-038B-R соок SOIL BORING LOGS CONTRACT NO. 60J16 SHEET NO. 10 OF 10 SHEETS

Geo Services, Inc.

SOIL BORING LOG

Page 1 of 1 Date 8/23/13

GSI Job No. ___10025

ROUTE FAP 372 (IL 171)	DE	SCR	IPTIOI	N	IL R	oute 171 from 47th St. to 55th St.	LOG	GED B	Y	Œ
SECTION		_ 1	OCAT	LION _	SW 1/	4, SEC . 2, TWP . T38N, RNG . R12E, 3 rd	PM			
COUNTY Cook D	RILLING	з МЕ	THOD)	HS/	A/MUD ROTARY HAMMER T	YPE	CME A	Automa	tic
STRUCT. NO. Station SG-08 Station 114+22 Offset 75.20ft Left	_	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. n/a f Stream Bed Elev. n/a f Groundwater Elev.: First Encounter Dry to 10.0' f Upon Completion n/a f	t E	H S	U C S Qu	M O I S T
Ground Surface Elev. 620.80		(п.)	(10.)	(tsf)	(%)	After Hrs f SILTY CLAY LOAM with	t O	t) (/6'')	(tst)	(%)
4.0 ASPHALT, 14.0 CONCRETE	-					FRACTURED ROCK-gray-very dense (continued)	_			
CLAY LOAM-dark brown, gray &	619.30		2	4.5	17	dense (consided)		50/5"		9
black-stiff to hard (Fill)			5	4.5 P	17		-			9
		_	3				12	38		
			4	3.9	18		1	50/5"		9
		5		В				25		
		_) -			
		_	4	2.7	19	Drillers Observation: Possible	94.30	50/3"	1	
		_	4	В	10	Boulder or Fractured Rock	-			
		_	3			59 Drillers Observation: Possible	92.30	50/0"		
	4 2.7 19 Bedroo	Bedrock End Of Boring @ -30.0'. Boring	— - 0.80 -							
		10				backfilled with cuttings.	5U.OU -	-		
		_	3	1.8	20		V <u>2</u>			
			4	1.0 B	20		-			
			50(5)				-			
			50/5"	4.5	16		15.			
	605.30	15		Р				35		
CLAY LOAM-gray-hard			31				_			
			27 38		12		-			
	602.80									
SILTY CLAY LOAM with FRACTURED ROCK-gray-very			50/3"				3			
dense					10					
		-20					19	40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)