

GSI Job No. ___10025__

SOIL BORING LOG

Page <u>1</u> of <u>1</u>

Date 6/20/13

	ROUTE	FAP 372 (IL 171)	DES	SCR	IPTIOI	N	IL R	oute 171 from 47th St. to 55th St.	LC	GG	ED BY	J	IK
	SECTION _	2013-038B-R		_ L	OCA	гюи_	SE 1/4	, SEC. 11, TWP. T38N, RNG. R12E	, 3 rd PM				
	COUNTY _	Cook D	RILLING	МЕ	THOD		Hol	low Stem Auger HAMMER	TYPE	Di	edrich	Autom	natic
	Station BORING NO Station Offset	D	_ _ _	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. n/a	_ ft _ ft <u>▼</u> _ ft	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T (%)
1	9.0" TOPSOI							CLAY LOAM-gray-stiff to hard]				
	CLAY LOAM	-brown-very stiff	601.05		5		24				9		
				-	5	2.8	17			_	11	5.0	21
			-		7	В			•		13	В	
				\dashv	5					_	6		
4			•		5	3.9	13		•		7	1.9	22
1/20/1				-5	5	В		SILTY LOAM-gray-medium dense	576.80	-25	9	В	
GPJ								3 ,					
LOG				4	9 7	3.0	12			_	12 12		18
10025			594.30	-	7	9.0 P	12		574.30		14		10
068	FRACTURE	ROCK-gray-dense						SILTY CLAY LOAM-gray-hard					
ING L				\dashv	13					_	12		
5 BOR					22		5				13	4.3	21
11002				-10	23			BOOK gray yang danga	571.80	-30	10	В	
M 14)			,	- ⊢				ROCK-gray-very dense		_			
4, ITE			-	<u> </u>	13				-				
TB 15					14 16		9						
DOT P				┪	10					-			
VE. (I	CAND & CD	AVEL-gray-medium	588.30		7					_	50/1"		3
RST A	dense	AVEL-gray-medium			7		12	End Of Boring @ -34.0'. Boring	567.80		50/1		3
71 FII				-15	6			backfilled with cuttings.		-35			
H, IL-1				\dashv						_			
NESC			•	\dashv	5				•				
25 BEI				\Box	5		16						
0/100	SILTY LOAM	1-gray-medium dense	584.30	-	6					_			
5\201		,											
JECT			-		5 6		17						
ZAPROJECTS\2010\10025 BENESCH, IL-171 FIRST AVE. (IDOT PTB 154, ITEM 14)\10025 BORING LOGS\10025_LOG.GPJ 1/20/14			581.80	 -20	7		17			<u>-</u>			

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)



GSI Job No. ___10025__

SOIL BORING LOG

Page <u>1</u> of <u>1</u>

Date <u>3/27/12</u>

	ROUTEF	AP 372 (IL 171)	DE	DESCRIPTION			IL R	IL Route 171 from 47th St. to 55th St.			.OGGED BY KD				
	SECTION	2013-038B-	2013-038B-R LOCATION SW				SW 1/4	4, SEC. 12, TWP. T38N, RNG. R12B	И						
	COUNTY	Cook I	DRILLING	Э МЕ	THOE		HSA	A/MUD ROTARY HAMMER	TYPE	(OME A	utoma	tic		
	Station	Ramp E		DEP	B L O	U C S	M 0 1	Surface Water Elevn/a Stream Bed Elevn/a	_ ft _ ft	D E P	в∟о	w o c	M 0 –		
	Station Offset	EB-04 220+00 0.20ft Right		T H	S (SIII)	Qu	S T	Groundwater Elev.: First Encounter Dry To 10.0 Upon Completion n/a	_ ft	H	W S	Qu	S T		
ſ	17.0" ASPHALT	ce Elev. 616.6	60 ft	(π)	(/6")	(tsf)	(%)	After Hrs CLAY to CLAY LOAM-brown &	_ ft	(π)	(/6")	(tsf)	(%)		
	GRAVEL	.,			2			gray-very stiff to hard (Fill) (continued)			6				
	CLAY to CLAY gray-very stiff to	LOAM-brown & hard (Fill)	614.94	_	5 7	4.5 P	18			_	5 5	2.8 P	17		
				_	2				592.60	_	12				
/20/14				-5	3 5	3.1 B	20	Clayey SAND, GRAVEL & FRACTURED ROCK-gray-dense		-25	50/2"	1.5 P	17		
OG.GPJ 1				_	5					_	18				
S\10025_L				_	6 10	4.3 B	18			_	20 15		21		
RING LOG			•	_	3			FRACTURED ROCK & GRAVEL-gray-dense	588.60	_	17				
\10025 BC				-10	4 7	4.2 B	17			-30	12 10		5		
, ITEM 14			-		4					_					
OT PTB 154				_	7 8	2.1 B	20			_					
T AVE. (IDC			•	_	3					_	21				
171 FIRS				-15	3 6	2.1 B	19	End Of Boring @ -35.0'. Boring	581.60	-35	30 20		12		
NESCH, IL				_	18			backfilled with cuttings.		_					
0/10025 BE			,		21 21	1.3 P	20			_					
Z.PROJECTS/2010/10025 BENESCH, IL-171 FIRST AVE. (IDOT PTB 154, ITEM 14)/10025 BORING LOGS/10025_LOG.GPJ 1/20/14				_	5					_					
Z:\PROJ				<u> </u>	6 10	1.8 B	19			-40					

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)

FILE NAME =	DESIGNED -	REVISED -
\D160J16-sht-bor-04.dgn	DRAWN -	REVISED -
USER NAME = tblank	CHECKED -	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -

STATI	E 01	FILLINOIS
DEPARTMENT	OF	TRANSPORTATIO

SOIL BORING LOGS							SECTION	COUNTY	TOTAL	SHEE
						372/373	2013-038B-R	соок	821	816
								CONTRACT	NO.	60J16
CCVIE.	CHEET	OΕ	SHEETS	STA	TO STA		TILL THIRTIE FEE	ALC DECIFOR		