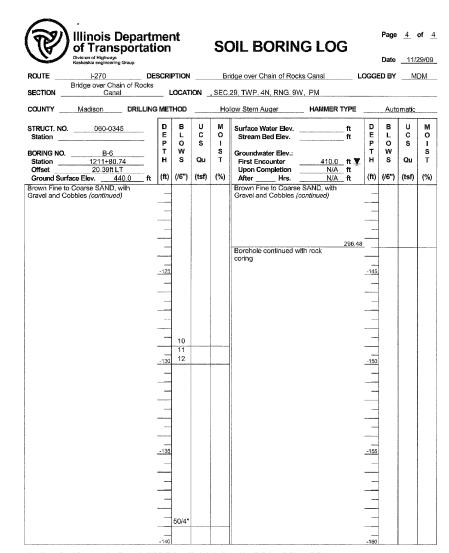
ROUTE	Division of Highways Kaskaskia engineering Group		CDI	DTION		р.	idge over Chain of Roo	sko Conal	1000	ED BV	5.41	D84
	Bridge over Chain of	Rocks							LUGG	ED 61	1011	DIVI
SECTION	Canal		[OCAT	ION _	, SEC	29, TWP. 4N, RNG. 9	W, PM				
COUNTY	Madison D	RILLING	MET	THOD		Но	llow Stem Auger	HAMMER TYPE		Auto	omatic	
	060-0345		D	В	U	М	Surface Water Elev.	ft	D	В	u	М
Station		_	E	L	C S	0	Stream Bed Elev.	ft	E	L	C S	0
BORING NO.	B-6		T	w	1	s	Groundwater Elev.:		T	w		s
Station	1211+80.74		н	s	Qu	Т	First Encounter	410.0_ ft :	<u>г</u> Н	s	Qu	Т
Offset	20.39ft LT		(ft)	(/6")	(tsf)	(%)	Upon Completion	N/A ft	(ft)	(/6")	(tsf)	(%)
Brown-gray SII	Ce Elev. 440.0	ft	1117	(0)	(101)	(70)	After Hrs. Gray Fine SAND (co.	N/A ft	(14)	(,0,)	(131)	(70)
(continued)	ETT GATE						Gray I inc OAIND (co	minaedy	_	1		
										1		
]		
										1		
		396.18		13						1		
Brown Fine to	Medium SAND			18						1		
			-45	19					-65]		
			****						-65	-		
									_	-		
										1		
										1		
Gray Fine SAN	In trace Silt	391.48		12			Brown Fine SAND, I	rnco Silt371.	<u>48</u>	14		
Glay I IIIe SAN	io, trace oit			15			Sand= 96%, Silt/CL=			33		
			-50	20			Gravel= 0%		-70			
			_							1		
										-		
										-		
										1		
										1		
										-		
										1		
			-05						-/0	1		
										1		
			_						_	1		
										1		
									_	1		
		381.48						361.	48	1		
Gray Fine SAN	ID			13			Gray Fine SAND			43		
			_	18						29		
			-60	24	L		l		-80	38	L	

Illinois Depart of Transporta	tics	nt		91	OIL BORING	LOG	F	Page	3	of
Division of Highways Kaskaskia engineering Group	LIOII			50	JIL BOKING	LOG	ı	Date	11/2	29.
ROUTE I-270 E		PTION		Bı	idge over Chain of Rocks Ca	ana L	OGGEE	BY	M	<u>AC</u>
SECTION Canal	۱	LOCAT	ION _	, SEC	29, TWP. 4N, RNG. 9W, P	M				
COUNTY Madison DRILLIN	NG MET	THOD		Но	llow Stem Auger H	AMMER TYPE		Autor	natic	
STRUCT. NO. 060-0345 Station BORING NO. B-6	D E P T	B L O W	U C S	M O I S	Surface Water Elev. Stream Bed Elev.	ft ft	D E P	B L O W	u c s	
BORING NO. B-6 Station 1211+80.74 Offset 20.39ft LT	H	5	Qu	T	Groundwater Elev.: First Encounter	410.0 ft ¥	H	S	Qu	
Ground Surface Elev. 440.0 ft	(ft)	(/6")	(tsf)	(%)	Upon Completion After Hrs.	N/A ft	(ft) ((/6")	(tsf)	(
Gray Fine SAND (continued)					Brown Fine to Medium SA (continued)	ND				
							_			
	-85						-105			
	_						-			
							\dashv			
254	40					004.40	=			
351 Brown CLAYEY SAND with Large Gravel and Cobbles	<u> </u>	14			Brown Fine to Medium SA trace Silt and Gravel	ND, 331.48		16		
Graver and Copples	-90	8 7			trace Siit and Gravei			23 32		
							-			
							$\overline{}$			
	_						-			
	-95						-115			
							=			
		-								
341.	48					321.48				
Brown Fine to Medium SAND		10			Brown Fine to Coarse SAN Gravel and Cobbles	ID, with		11		
	-100							21		



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)

Kaskaskia

USER NAME = jmigus	DESIGNED - BWC	REVISED -
FILE NAME = 0600345-76A91-114-SBL.DGN	CHECKED - LGP	REVISED -
PLOT SCALE = NONE	DRAWN - JM	REVISED -
PLOT DATE = 3/18/2011	CHECKED - BSK	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	SOIL	BO	RING	L	ogs	;
STF	RUCTL	IRE	NO.	06	0-0	345
 DDIDGE	CUEET	NO	11.4	05	177	CHEET