					PAG	E <u>1</u>		of 4	4	_
Con Shortage Inc	5	SOII	I F	OF	2010 100					
Geo Services, Inc. Geotechnical, Environmentol & Civil Engineering 805 Arpherit Court, Suite 204 Noperville, Illinois 50565	_					DATE <u>1/26-27/2012</u> LOGGED BY <u>DR</u>				
Naperville, Illinois 60565 (630) 355-2838						JOB No				_
ROUTE FAP 353 (US 30)	DESCRIB	TION	IIC E	2011+0						_
						0 NO. D	-91-1	U <del>4</del> 6-	-12	_
SECTION 11-Y-A										_
COUNTY Cook	_ DRILLING	MET	HOD _	Holle		PE <u>Die</u>	edrich I I	Auto	omatio	드
STRUCT. NO Station	- l <sub>D</sub>	В	u	м	Surface Water Elev. <u>n/a</u> Stream Bed Elev. <u>n/a</u>		D	В	U	l
BORING NO. BS-07	-   E	l C	CS	0	Groundwater Elevation:		E P	L	CS	8
Station 281+25	_   [	W	Qu	S	First Encounter 624.2	•	H	W S	Qu	l
Offset 44.5' Left	_				Upon Completion $n/a$	$\nabla$	30.72			L
Ground Surface Elev. 631	<u>.2</u> (ft)	(/6")	(tsf)	(%)	After Hrs		(ft)	(/6")	(tsf)	1
	_	AS		27			$\dashv$			l
Sandy TOPSOIL with Gravel-	_	3	_	2/				2		l
black-loose (Fill)		3		П			$\exists$	3		T
	628.2	4	NP	17			$\dashv$	5	NP	ť
	020.2	1					-			l
		3	_	95	SILTY LOAM-gray-loose (A-4)		$\Box$	3		ļ
SILTY CLAY-black-stiff (A-6)	-	5 7		١., ا			25	4	ND.	l
	625.7	1	1.9B	18			-25	5	NP	ł
		1								l
SILTY LOAN-gray-loans (A-4)		2	$\vdash$	$\vdash$			$\dashv$	2		ł
SILTY LOAM-gray-loose (A-4)	<b>V</b> _	2 2	NP	19			=	4 5	NP	l
	623.2					603.	2			Γ
	_	┨.					$\dashv$			l
SAND & GRAVEL-brown-	_	4		Н			$\neg$	3		t
loose (A-1)	-10		NP	19	SILTY CLAY-gray-		-30	3	0.5P	ļ
	620.7	-			medium stiff (A-6) Wet		$\dashv$			l
	_	3					_			l
SILTY LOAM-gray-medium dense (	(A-4)	5				599.	2			Γ
	618.2	6	NP	24			$\dashv$	_		ł
	616.2	1					-			l
CLAY-gray-stiff (A-6)		3		113				3		ļ
	-19	4			medium dense (A-2)		75	6		L
	615.7	5 5	1.9B	17			-35	8	NP	ł
		]					二			l
	_	2		$\vdash$		E0.1	. 니			╀
	(-	3	NP	21		594.	٢			l
SILTY LOAM-gray-loose (A-4)	_	Ť					$\Box$			t
		1			SAND-gray-medium dense (A-3	)	$\dashv$			l
	(	4		$\vdash$	The second secon		-	5		t
	74.0	d 4	NP	20			-40	5	NP	1.

				PAGE 2		of _	4	_	
Geo Services, Inc.	S	OIL E	30F	RING LOG DATE 1/2	DATE 1/26-27/2012				
Geo Services Inc. Geotechnical, Environmental & Civil Engineering 805 Amherst - Caurt , Sathe 204 Naperville, Jillingla				LOGGED B	Y DR				
(630) 355-2838				GSI JOB N	lo09	9174			
ROUTE FAP 353 (US 30)	DESCRIPTI	ON US	Route	e 30 @ EJ&E/CN Railroad, IDOT Job No.					
SECTION 11-Y-A									
				ow Stem Auger/Rotary HAMMER TYPE	ladriah	At.	ati	_	
	DRILLING	METHOD	T		ledrich	Aut	Jinati	<u> </u>	
STRUCT. NO	₽	B U	М	Surface Water Elev. $n/a$ Stream Bed Elev. $n/a$	-   □	В	Ū	М	
BORING NO. BS-07	P	L C O S	0	Groundwater Elevation:	- E	L	C	0	
Station 281+25		W Qu	S	First Encounter 624.2	I H	W	Qu	S	
Offset 44.5' Left	25.5			Upon Completion $n/a$	z	-	100.00		
Ground Surface Elev. 631.2	(ft) (	/6") (tsf)	(%)	After Hrs	Z (ft)	(/6")	(tsf)	(%)	
	$\dashv$				_	ł			
	_			SAND-gray-medium dense (A-3)	_	1		l	
				568	0.2			Г	
	+	+	┢		_			⊢	
	-				-	1		l	
	ユ	4		SANDY LOAM-gray-	_	9		L	
	-	6	l	medium dense (A-2)	-	11			
SAND-gray-medium dense (A-3)	<u>-45</u>	7 NP	23		65	14	NP	30	
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	_			564	.2	1			
	$\exists$							Г	
	_	.	ı		_			l	
	$\rightarrow$	7	$\vdash$		_	10		⊢	
	_50	9 NP	23		-70	1	NP	30	
	_				_				
	_				_	1			
5	79.2				_	П		Г	
	+	+	$\vdash$	SAND-gray-	_	$\vdash$		$\vdash$	
	_			medium dense to dense (A-3)	_	1			
	ユ	4	┖		_	14		L	
SAND & GRAVEL-gray- medium dense (A-1)	-55	6	١., ا		-75	16	NID.	١.	
	_55	7 NP	14		/5	20	NP	24	
	ュ				_	1			
	", <del> </del>	+	⊢		_	$\vdash$		⊢	
- ·	74.2				-	1			
	ゴ	$\neg$	П		_	Г		Г	
SAND-gray-medium dense (A-3)	$\dashv$				_				
	-	14	$\vdash$		-	20		$\vdash$	
	-60	14 NP	21		-80	22	NP	22	
The Unconfined Compressive Strength (UCS) Failur	e Mode is inc	dicated by	(B-Bul	ge, S—Shear, P—Penetrometer) ST—Shelby Tube Sam	ple VS	=Vane	Shear	Test	

PAGE <u>3</u> of <u>4</u> SOIL BORING LOG DATE 1/26-27/2012 Geo Services, Inc. chalcol, Environmental & Civil Engine 805 Amberst Court, Suite 204 Naperville, Illinois 60565 (630) 355-2838 LOGGED BY DR GSI JOB No. <u>09174</u> DESCRIPTION US Route 30 © EJ&E/CN Railroad, IDOT Job No. D-91-046-12 LOCATION SEC 20 & 29. T 35 N. R 15 E. DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE Diedrich Automa STRUCT. NO. \_\_\_ Surface Water Elev. n/aStream Bed Elev. n/aStation \_\_\_ BORING NO. BS-07
Station 281+25 Groundwater Elevation:

First Encounter 624.2Upon Completion n/aOffset 44.5' Left (ft) (/6") (tsf) (%) After \_\_\_\_ Ground Surface Elev. 631.2 SAND—gray— medium dense to dense (A—3) SANDY LOAM-gray-very dense (A-2) SILTY LOAM to LOAM—gray— very dense (A—4) CLAY-gray-stiff to very stiff (A-6) Weathered Shale—gray—very dense Drillers Observation: Apparent Bedrock RUN 1 SANDY LOAM-gray-very dense (A-2)

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in Italics above mole

	V3 Companies of Hillnols Ltd.
/	7325 Janes Avenue
	Woodridge, IL 60517
\ <b>\</b>	630.724.9200 phone
\ <b>\ \</b>	630.724.9202 fax
	www.v3co.com

USER NAME =	DESIGNED - WJV	REVISED
	CHECKED - CJB	REVISED
PLOT SCALE =	DRAWN - WJV	REVISED
PLOT DATE =	CHECKED - CJB	REVISED