						PAGE 1	_ of _	2	
Geo Services Inc.	S	OII	LE	OF	RING LOG	DATE _2/6/20	12		
Geo Services, Inc. Geotechnical, Environmental & Givil Engineering 805 Amberts Court, Suite 204 Noperville, Illingia 90565 (630) 355-2858						LOGGED BY D			
Naperville, Illinois 60565 (630) 355+2838						GSI JOB No.			
					70 <b>0</b> 5 10 5 <b>(</b> 0) 10 11 11 10				
ROUTE FAP 353 (US 30)							1-046-	-12	_
SECTION 11-Y-A LO	CATION	V _S	C 20	& 2	29. T 35 N. R 15 E. 3rd P	М			
COUNTY Cook D	RILLING	MET	HOD .	Holle	ow Stem Auger/Rotary HAMM	ER TYPE <u>Diedri</u>	ch Aut	omatio	С
STRUCT. NO. <u>016-1281</u>	D	В	U	м	Surface Water Elev. <u>n/a</u>		р В	ū	м
Station	Ē	L	С	0	Stream Bed Elev. <u>n/a</u>		ELL	c	0
BORING NO. RW-18	T	0 W	S	S	Groundwater Elevation:		P O	S	S
Station <u>274+62</u> Offset <u>10.0' Right</u>	н	S	Qu	Т	First Encounter $\frac{Dry}{n}$ to Upon Completion $\frac{n}{a}$	<u>0 −15.0' ▼</u>	H S	Qu	Т
Ground Surface Elev. 630.8	(ft)	(/6")	(tsf)	(%)	After Hrs		ft) (/6")	(tsf)	(%
	_				CLAY-medium stiff to stiff	-	3		Н
14.0" CONCRETE, 10.0" CRUSHED STON	E					_			
628	–	50/6	,	$\vdash$	SILTY CLAY LOAM-gray-		3		⊢
628	1.8		NP	-11	stiff (A-4/A-6)	_	3 5	1.5P	24
		Г		Ü		607.8	二		
	_								
SANDY CLAY LOAM-brown & gray-	_	2	_	$\vdash$		_	3		⊢
very loose (A-2)	-5	2	0.5P	19	CII TV 1 O A M	_	25 6	NP	22
		Г			SILTY LOAM-gray- loose to medium dense (A-	-4)			Г
	_				,	_	⊢.		
	_	2	_	$\vdash$			6		⊢
		2	J	18		_	_ئــ	NP	22
622	2.8					602.8			
	_	,					٦ 3		9
SANDY CLAY-gray- medium dense (A-6)	_	3		Т		=	4		ľ
mediam dense (A O)	-10	5	-1	21		_	30 5	1.6B	26
620	0.3						_		
	_	,				_	$\dashv$		
SILTY SAND & GRAVEL—gray— medium dense (A-2)		5			SILTY CLAY-gray-stiff (A-6	5)			Г
	_	8	NP	14			_		L
617	7.8	1				_	$\dashv$		
		2					7 2		10
		4					3		П
	15	5	1.5P	21		_	35 4	1.2B	23
CLAY-gray-	-						-		
medium stiff to stiff (A-6)		1		107		_	ユ		L
		3				593.8			
	_	2	0.6B	21			+	$\vdash$	$\vdash$
	_				SAND and madium dele-	(A 3)	$\dashv$		
		1		107	SAND-gray-medium dense	(A-3)	<b>-</b> 6		
		4				_	17		
The Unconfined Compressive Strength (UCS) Failure	-20	4	1.8B	21	on S Shoor D Benetremeter) ST S		40 18 VS=Vane		<u> 20</u>

	4   1.8B   21	17 40 18 NP 20	
The Unconfined Compressive Strength (UCS) Failure Mode is indic			

PAGE <u>2</u> of <u>2</u>						2	-			
Geo Services, Inc.	SOIL BORING LOG DATE 2/6/2					/2012				
Geo Services Inc. Geotechnical, Environmental & Givil Engineering 80 Anherst. Court. Suste 204 Noperville, Jilinoja 60565 (630) 335-2838					LOGGED BY	DR			_	
(630) 355+2838					GSI JOB No	. <u>09</u>	174		_	
ROUTE FAP 353 (US 30) DESCRIPTION US Route 30 DESCRIPTION DE SCRIPTION DESCRIPTION DESCRIP										
SECTION 11-Y-A LO	CATIO	N _S	EC 20	& 2	29. T 35 N. R 15 E. 3rd PM				_	
COUNTY Cook DR	ILLING	MET	HOD _	Holle	ow Stern Auger/Rotary HAMMER TYPE <u>Di</u>	edrich	Aut	omatic	:	
STRUCT. NO. <u>016-1281</u>	В	В	u		Surface Water Elev. <u>n/a</u>	L	_			
Station	E	L	C	0	Stream Bed Elev. <u>n/a</u>	D E	B	UC	МО	
BORING NO	T	0 W	S	S	Groundwater Elevation:	P	0 W	s	S	
Station <u>274+62</u> Offset <u>10.0' Right</u>		S	Qu	Ť	First Encounter $pry$ to $-15.0$ $pry$ to $-15.0$ $pry$ Upon Completion $pry$	Ĥ	S	Qu	Ť	
Ground Surface Elev. 630.8	(ft)	(/6")	(tsf)	(%)	After Hrs \(\frac{\pi_{\sigma} \pi_{\sigma}}{\pi_{\sigma}}\)	(ft)	(/6*)	(tsf)	(%)	
								$\Box$		
	_				SILTY CLAY LOAM to SILTY LOAM- gray-medium dense (A-4)	_				
	_	$\vdash$		$\vdash$	gray-medium dense (A-4) 568.	<sub>8</sub> –		$\vdash\vdash$	$\vdash$	
					300.					
SAND-gray-medium dense (A-3)	_					_				
	_					_	8			
	$\equiv$	7			SAND-gray-medium dense (A-3)	$\equiv$	10	П		
	-45	7	NP	20	, ,	-65	9	NP	23	
	_	1				-				
	$\overline{}$					$\overline{}$				
583.	8				563.	8				
	_			$\vdash$		_		Н		
		1								
SILTY LOAM-gray-loose (A-4)	_	4			SAND & GRAVEL-gray-		12	$\vdash\vdash$		
	-50	3	NP	23	medium dense (A-1)	-70	11 16	NP	14	
		Ť								
	_					_				
578.	8 –				558.	8 —		H		
		<u> </u>						Ш		
	_	1			Clayey SAND & GRAVEL-gray-	_				
		4			medium dense (A-2)		8			
SAND-gray-medium dense (A-3)		9					9	П		
	55	7	NP	22	,	8 –75	9	-	15	
	_	j			End Of Boring © −75.0' Hollow Stem Augers To −15.0'	_=				
		<u> </u>		_	Rotary Drilling To Completion			Ш	Ш	
573.	8				15.0' Of 4.0"ø Casing Used Diedrich Automatic Hammer	_				
				Т		_		М	$\Box$	
SILTY CLAY LOAM to SILTY LOAM- gray-medium dense (A-4)						_				
gray-mediam dense (X-+)	_	7		$\vdash$		_		Н		
	60	1 ′		24		90		i I		

PAGE \_1 \_\_\_ of \_2 SOIL BORING LOG Geo Services, Inc. chnical, Environmental & Givil Engli 805 Amherst Court, Suite 204 Naperville, Jilinija's 60565 (630) 355-2838 DATE <u>2/7/2012</u> LOGGED BY DR GSI JOB No. <u>09174</u> ROUTE FAP 353 (US 30) 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. 3rd PM SECTION 11-Y-A COUNTY Cook DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE CME Automatic STRUCT. NO. 016-1281 Surface Water Elev. n/aStation \_\_\_ BORING NO. RW-20
Station 275+60
Offset 10.5' Right T W | H S Qu First Encounter Upon Completion (ft) (/6") (tsf) (%) After \_\_\_\_\_ Hrs. (ft) (/6") (tsf) (%) 630.1 Ground Surface Elev. \_\_\_ 3.0" ASPHALT, 5.0" SAND & GRAVEL 629.4 SILTY LOAM-loose to medium dense 609.6 SILTY CLAY -gray-very stiff (A-6) 6 8 4.0P 26 Clayey TOPSOIL-black 627.1 SILTY CLAY—dark brown & gray— medium stiff to stiff (A—6) Wet SILTY CLAY LOAM-gray-loose (A-4) 0 1 0.5P 26 SANDY LOAM-gray-loose (A-2) SILTY CLAY LOAM-gray-medium dense (A-4) SAND-gray-medium dense (A-3) SILTY LOAM-gray-loose to medium dense (A-4)

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

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