					PAG	<u> 1</u>	of	4		
Geo Services Inc	5	SOII	L B	OF		PAGE <u>1</u> of <u>4</u> DATE <u>1/26-27/2012</u>				
Geo Services, Inc. Geotechnical, Environmental & Givil Engineering 805 Artherst Court. Squite 204 Naperville, Illinois 60565	-		ED BY							
Naperville, Illinois 60565 (630) 355-2838						JOB No.		74		
ROUTE FAP 353 (US 30)	DESCRIE	MOIT	IIS F	Poute						
SECTION 11-Y-A						7 140. 0-	-31-0-	0-12		
COUNTY Cook	-					DE Die	drich A	utama	tio.	
	_ DRILLING	MEI	HUD _	ПОП		PE DIE	Jrich A	I	TIC	
STRUCT. NO	_ P	В	UC	MO	Surface Water Elev. n/a Stream Bed Elev. n/a	_		βĺй	П	
BORING NO. BS-07	P	Ö	š	1	Groundwater Elevation:		P	C S	-	
Station <u>281+25</u>	_ [W S	Qu	S	First Encounter 624.2			V Qu	d	
Offset 44,5' Left Ground Surface Elev. 63:	(ft)	(/6")	(tsf)	(%)	Upon Completion <u>n/a</u> After Hrs.	_ <u>₹</u>	(ft) (/	6") (tsf	n) (
Ground Surface Elev63	1.2	1,0,	((31)	(70)	Arter Hrs		(10)	1(13)	+	
	_	AS		27			_		1	
Sandy TOPSOIL with Gravel- black-loose (Fill)	_	3					+	2	+	
,	(3 4	NP	17		9		3 5 NP	. ا	
	628.2	1	<u> </u>				二	<u> </u>	T	
	_	١,,			SILTY LOAM-gray-loose (A-4)		\dashv	.	1	
SILTY CLAY-black-stiff (A-6)	(5		95	SILTI LOAM-gray-100se (A-4)			4	+	
	_=	7	1.9B	18			-25	5 NP	4	
	625.7	-					-			
	_	1 2						2		
SILTY LOAM-gray-loose (A-4)	▼	2					_	4	T	
	623.2	2	NP	19		603.2	_	5 NP	+	
	_	1				0001/0			1	
SAND & GRAVEL-brown-	_	4	\vdash				-	2	+	
loose (A-1)	-11	4	NP	19	SILTY CLAY-gray-		_	3 O.5	واء	
	620.7	Г		medium stiff (A-6) Wet		\neg	T	Т		
	_	┨,					-		1	
SILTY LOAM-gray-medium dense	(A-4)	5				599.2		1	$^{+}$	
		6	NP	24			+	+	+	
	618.2	1								
CLAY-gray-stiff (A-6)	_	3		113	SILTY SAND & GRAVEL-gray-			3	\perp	
		4			medium dense (A-2)		_	5	١.	
	615.7	5 5	1.9B	17			-33	B NP	+1	
]					\Box			
	-	3				594.2	+	+	+	
	-	3	NP	21		034.2	ユ			
SILTY LOAM-gray-loose (A-4)	_	Γ					二		Τ	
	_	١,			SAND-gray-medium dense (A-3)		\dashv			
	<u> </u>	4				(5	T	
The Unconfined Compressive Strength (UCS) F	-2		NP	20				5 NP	or Te	

					ı	PAGE _2		of 4	4.	_	
Con Share In-	S	OII	F	OF						_	
Geo Services Inc. Geotechnical, Environmental & Civil Engineering 805 Amberal Court State 204 Naperville, Minolar 60565 (630) 355-2838	SOIL BORING LOG					DATE <u>1/26-27/2012</u> LOGGED BY <u>DR</u>					
Naperville, Illinois 60565 (630) 355+2838										_	
ROUTE FAP 353 (US 30)	DESCRIPT	пом	110 0	2011		SSI JOB No.				_	
SECTION 11-Y-A						300 NO. D	-91-	040-	-12	_	
55.5 55.5 (10.5 (10.5 (1))					ow Stem Auger/Rotary HAMMER	TYPE No.	drich	A.,.t.	an ati	_	
	DRILLING	MEI	HOD _	ПОП	Surface Water Elev. n/a	TIPE DIE	drich	Aute	maci	一	
STRUCT. NO	- D	B	UC	M	Stream Bed Elev. $\frac{n/a}{n/a}$		D E	B	Ú	M	
BORING NO. BS-07	- P	0	Š	1	Groundwater Elevation:		P	0	C S	1	
Station <u>281+25</u>	. <u>H</u>	8	Qu	S	First Encounter 624.2		H	8	Qu	S	
Offset 44.5' Left Ground Surface Elev. 631.2	(ft)	(/6 ")	(tsf)	(%)	Upon Completion n/a After Hrs		(ft)	(/6°)	(tsf)	(%)	
ordana darrado Elot	- 1				1110.		,	, ,		-	
	_				SAND-gray-medium dense (A	-3)	ᄀ				
	_	Н		Н		569.2	, ⊢			⊢	
						00011				┖	
	_						\dashv				
		4			SANDY LOAM-gray-		ユ	9			
	45	6			medium dense (A-2)			11		l	
SAND-gray-medium dense (A-3)	45	7	NP	23			<u>-65</u>	14	NP	30	
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	_	4					듸	10		╙	
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		3	M	25				13	INF	, J	
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	579.2	П		П			二			Г	
	_	Н		H	SAND-gray-	()	\dashv	\vdash		\vdash	
	_				medium dense to dense (A-3	,,	╛				
SAND & CRAVEL		4					4	14		⊢	
SAND & GRAVEL-gray- medium dense (A-1)	-55	6 7	NP	14			-75	16 20	NP	24	
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	-						\dashv				
	574.2	П					二			Г	
	_	\vdash					-			\vdash	
SAND-gray-medium dense (A-3)							\exists				
]		11					\dashv	14		\vdash	
	-60	14 14	NP	21			_ 80	20 22	NP	22	
The Unconfined Compressive Strength (UCS) Failu The SPT (N value) is the sum of the last two b	ure Mode is in	ndicate	ed by (B-Bul	ge, S-Shear, P-Penetrometer) ST-Shell le (AASHTO T206) The Unit Dry Weight	y Tube Sample (pcf) is noted	e VS=	=Vane	Shear	Test	

PAGE <u>3</u> of <u>4</u> SOIL BORING LOG Geo Services, Inc. chnical, Environmental & Givil Engine 805 Amberst Court, Suite 204 Naperville, Jilinijs 60565 (630) 355-2838 DATE 1/26-27/2012 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. <u>n/a</u> Stream 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) ____50/5 __105 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 515.7 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 Te
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 moist
NB-NA-Penetry

	V3 Companies of Hillnois Ltd.
/	7325 Janes Avenue
	Woodridge, IL 60517
	630.724.9200 phone
\ \ \	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