Station Stream Bed Elev. 1/a F C C C C C C C C C		· -	1 AGE					
Cock	2	2011	DATE 1/24-25/	ING LOG	OF		SOL	
CSI JOB No. O9174			100000000000000000000000000000000000000	MING LOG	01	_ נ	301	Geotechnical, Environmental & Givi Engineering
BRUTE FAP 353 (US 30) DESCRIPTION US Route 30								Napervile, Illinois 60565 (630) 355+2838
SECTION 11-Y-A LOCATION SEC 20 & 29, T 35 N, R 15 E, 3rd PM				70 A FIRE (ON Date		IIC E	CDIDTION	POLITE FAR 353 (US 30)
COUNTY Cook DRILLING METHOD Hollow Stem Auger/Ratary HAMMER TYPE Diedrich Automotics Diedrich Diedrich Automotics Diedrich Diedrich	-12	046-	Process of the second of					
STRUCT. NO. —— Station —— Station —— Station —— BORING NO. BS—06 Station 279+75 Offset 22.5' Right Ground Surface Elev. 632.5 Sandy TOPSOIL with Cinders— black—loose (Fill) Siltry CLAY—dark brown & gray— stiff (A−6) Wet Siltry CLAY—dark brown & gray— stiff (A−6) Wet Siltry LOAM—gray—loose (A−4) Siltry CLAY LOAM—gray—loose (A−4) Siltry LOAM—gray—loose (A−4)								
Station —— BORING NO. BS—06 Station 279+75 Offset 22.5' Right Ground Surface Elev. 632.5 Sandy TOPSOIL with Cinders— black—loose (Fill) Siltry CLAY—dark brown & gray— stiff (A−6) Wet Siltry CLAY—dark brown & gray— stiff (A−6) Wet Siltry CLAY—loose (A−4) ■ 626.5 ■ 4 NP 24 Siltry CLAY LOAM—gray—loose (A−4) Siltry CLAY LOAM—gray—loose (A−4) ■ 2 - 3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0	tomatic	Aut			Holle	HOD _	LING MET	
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Station 279+75 279+75 H S Qu T First Encounter Upon Completion 22.5' Right Upon Completion 22.6' Encounter Encounter Upon Completion 22.6' Encounter Encou	S	0	<u>, </u>	END 40 10 100 100		S	PO	
Ground Surface Elev. 632.5 (ft) (/6*) (tsf) (%) After Hrs. ▼ (ft) (/6*) (tsf) (%) After Hrs. ▼ (ft) (/6*) (tsf) (%) After Hrs. ▼ (ft) (/6*) (tsf) (/6	Qu		~~~~~ <u> </u>	Personal Company of the Company of t		Qu		
Sandy TOPSOIL with Cinders— black-loose (Fill)) (tsf)	(/6*	17.1	med took in manuferance in took	(a)	/+-6	(4) (6"	
Sandy TOPSOIL with Cinders— black—loose (Fill))(tsi)	1/6		After Hrs.	(%)	(tsi)	(11) (76	Ground Surface Elev. 632.5
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SILTY CLAY-dark brown & gray- stiff (A-6) Wet	$\perp \perp$	2	rav-loose (A-4)	SILTY CLAY LOAM-				
629.0 3 83 SILTY CLAY-dark brown & gray— 4 -5 5 1.259 25 stiff (A-6) Wet	0.8B	2	··· / —	,	23		_	black-loose (Fill)
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4 NP 26			(1 (1)	— , I				
	П	Г	ose (A-4)	SILTY LOAM-gray-loose (A-4)				SANDY LOAM-gray-loose (A-2)
	+-+	\vdash	-		26	NP	. ++	619.5
		1	コ					070.0
SILTY CLAY-gray-very stiff (A-6)	+-+	2					2	SILTY CLAY-aray-very stiff (A-6)
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617.0	П							617.0
\dashv , \mid \mid \mid		l	\dashv				\dashv .	
SILTY LOAM-gray-loose (A-4)	+	Г	595.5				2	SILTY LOAM-gray-loose (A-4)
3 NP 21	+	\vdash	_		21	NP	_	
614.5		l						614.5
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	NP	1	_40		27	1 250	2000	S.E., JEHR EDIM GIGY-10036 (N-T)

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Geo Services, Inc.	SO	IL E	BOF		TE <u>1/24</u>				_
Geo Services, Inc. Geotechnical, Environmental & Givil Engineering 80 Ambertal Captr., Suite 204 Noperville, Illingia 90565 (630) 355-2838				LO	GGED BY	DR			_
(630) 355-2838				GS	JOB No.	09	174		_
ROUTE FAP 353 (US 30) DI	ESCRIPTION	US I	Route	e 30 @ EJ&E/CN Railroad, IDOT J	ob No. D	-91-	046-	-12	_
SECTION 11-Y-A LO	OCATION _S	SEC 20	& 2	29. T 35 N. R 15 E. 3rd PM					_
COUNTY Cook DI	RILLING ME	THOD .	Holle	ow Stem Auger/Rotary HAMMER	YPE <u>Die</u>	drich	Aut	omatic	<u></u>
STRUCT. NO Station	DB	Ū	м	Surface Water Elev. n/a Stream Bed Elev. n/a		D	В	U	М
BORING NO. BS-06	E L P O	CS	0	Groundwater Elevation:		E P	L	c	0
Station <u>279+75</u>	T W H S	Qu	S	First Encounter 626.5		H	W S	Qu	S
Offset 22.5' Right Ground Surface Elev. 632.5	(ft) (/6'	tsf)	(%)	Upon Completion n/a After Hrs	_ ₹	(ft)	(/6")	(tsf)	(%)
Ground Surface Lief. Surface	1.7	1		71(0) 1110.		,,	., .		Ť
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				SANDY LOAM-gray- medium dense to dense (A-2)		\exists			
	8 10	-	H	_			12		\vdash
SAND-gray-medium dense (A-3)	<u>-45 11</u>		24			-65	14	NP	26
	_					-			
	\neg					\exists			L
	\dashv				565.5	5			
						コ			
	- 5					\exists	6		
Some gravel from -48.5 ' to -50.0 '.	5			SILTY LOAM-gray- medium dense (A-4)			6		
	<u>-50 6</u>	NP	22	and a second control of the second of the se		<u>-70</u>	8	NP	22
	\exists					_			
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	\rightarrow	-	H			-			⊢
	_					_			
	5 12	+	H	SAND & GRAVEL-gray- medium dense (A-1)			5 11		\vdash
	_55 7		27				9	NP	16
	_					-			
	\dashv					コ			L
575	5.5				555.5	5			
	\pm		П			ゴ			Г
SANDY LOAM—gray— medium dense to dense (A—2)	- 12			SILT-gray-dense (A-4)		\dashv	12		
, , ,	15		Г				19		Г
	-60 17	NP	27				19	NP	1 40

PAGE <u>3</u> of <u>4</u> SOIL BORING LOG Geo Services, Inc. chnicol, Environmental & Civil Engineering 805 Amberist Court, Suite 204 Napervile, Illinois 60565 (630) 355-2838 DATE 1/24-25/2012 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, 3rd PM DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE Diedrich Automat STRUCT. NO. ___ Surface Water Elev. $\frac{n/a}{\sqrt{a}}$ Station ___ BORING NO. **BS-06**Station 279+75 Groundwater Elevation:

First Encounter 626.5Upon Completion n/aT W S Qu T Offset 22.5' Right (ft) (/6") (tsf) (%) After _____ Hrs. 632.5 Ground Surface Elev. CLAY-gray-stiff to very stiff (A-6) SILT-gray-dense (A-4) SANDY CLAY LOAM-gray-very dense (A-2/A-6) ____50/5" __105 SILTY CLAY LOAM-gray-very dense (A-4/A-6) CLAY-gray-stiff to very stiff (A-6) Drillers Observation: Apparent Bedrock. 516.5 Silurian System, Niagaran Series Dolomite RUN 1 (-116.0' to -124.0')

Gray & fine grained with horizontal bedding becoming light gray mottled gray with horizontal to wavy bedding © -119.9'. Horizontal fractures © -116.1', -116.2', -116.7', -117.4', -120.3', -121.3', -122.5', -122.7', -123.0' & -123.6'.

Job is indicated by (B-Bulge, S-Sheer, P-Penetrometer) ST-Shelby Tube Sample V RUN 1

	V3 Companies of Hillnois Lt
/ >	7325 Janes Avenue
	Woodridge, IL 60517
\ V	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