					F	AGE 1	0	3	
Can Santana Inc	S	OII	В	OF		ATE DR		1	
Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 805 Amherst-Court, Salte 204 Naperville, Illinois 60565	Ŭ	01.				OGGED BY		2012	
Naperville, Illinois 60565 (630) 355-2838						SI JOB No			
ROUTE FAP 353 (US 30)	DESCRIPT	TION	110 0	2011+0					
						JOD NO. L	<u>-91-0</u>	+0-12	
SECTION 11-Y-A									
COUNTY Cook	DRILLING	MET	HOD _	Holle		TYPE Die	edrich A	utoma	tic
STRUCT. NO	В	в	U	м	Surface Water Elev. $\frac{n/a}{n/a}$ Stream Bed Elev. $\frac{n/a}{n}$			вΙυ	
BORING NO. BS-08	E	ᅵᅵ	C	0				LCS	
Station 281+25	T H	W	Qu	S	Groundwater Elevation: First Encounter 625.5	_	T	W Qu	П
Offset 2.5' Right					Upon Completion n/a	∇	32.0	- -	1
Ground Surface Elev. 631.5	(ft)	(/6*)	(tsf)	(%)	After Hrs		(ft) (/	'6") (tsf	f) (
	_	AS		26			_		1
TOPSOIL, GRAVEL & STONE-black-	_	4 4	_	20				3	
loose (Fill)		4						3	Τ
e	28.5	3	NP	11			-	6 1.5	ᅡ
0									1
SILTY CLAY-brown & gray-		4					_	2	4
very stiff (A-6)		5	2.75P	30	SILTY LOAM-gray-loose (A-4)	Ľ	-	3 5 1.0F	
		1	2.75	30				3 11.0	+
▼6	25.5						_		1
		1					+	3	+
LOAM-brown & gray-very loose (A-	2) —	ì	NP	25			-	4 0.5	
6	23.5						_		Ι
	_	4					\dashv	,	1
LOAM-gray-medium dense (A-2)		5					\exists	2	✝
	<u>–10</u>	6	NP	18			-30	3 NP	4
6	21.0						\dashv		1
	_	3					\Box		4
SILTY LOAM-gray-medium dense (A-	-4)	6 5	NP	23		599.	5		1
6	18.5	3	NF	23			⇉	\top	+
	_			10 2000					1
SILTY CLAY LOAM-gray-	_	4		102	SANDT LOAM-gray-		+	2 7	+
medium dense (A-4/A-6)	15	6	1.1B	23	medium dense (A-2)			8 NP	1
6	16.0						_		
		2					\dashv		
		4		П		594.	5	\top	T
SILTY LOAM-gray-loose (A-4)		4	3.0P	19			\perp	+	+
					SAND with Gravel-gray-		\dashv		
		2			medium dense (A-1)		ユ	6	\perp
	-	4					2000	9	
The Unconfined Compressive Strength (UCS) Failur	-20		1.75P					9 NP	ar Te

0						PAGE 2	of _	3	
Geo Services, Inc.	S	OI	LE	BOF	RING LOG	DATE DR			
Geo Services, Inc. Geotechnical, Environmental & Givil Engineering 805 Amherit - Caurt, Sydte 204 Noperville, Nillings 60565 (630) 355-2838						LOGGED BY	2/3/20	12	
(630) 355-2838						GSI JOB No.	_09174		
ROUTE FAP 353 (US 30)	ESCRIP	ΠΟΝ	US F	Route	e 30 EJ&E/CN Railroad, IDG	OT Job No. D	-91-046	-12	
SECTION 11-Y-A L	OCATIO	N S	EC 20	& 2	29, T 35 N, R 15 E, 3rd Pl	И			_
COUNTY Cook	RILLING	MET	HOD _	Holle	ow Stem Auger/Rotary HAMM	ER TYPE <u>Die</u>	drich Aut	omati	С
STRUCT. NO	Ь	В	ū	м	Surface Water Elev. <u>n/a</u>		D B	U	N
Station	E	LO	cs	-03	Stream Bed Elev. n/a		E L	c	Ö
BORING NO. <u>BS-08</u> Station <u>281+25</u>	T	W		S	Groundwater Elevation: First Encounter <u>625.5</u>	_	T W		S
Offset 2.5' Right	н	s	Qu	Т	Upon Completion $\frac{323.3}{n/a}$		H S	Qu	Ţ
Ground Surface Elev. 631.5	(ft)	(/6")	(tsf)	(%)	After Hrs		(ft) (/6"	(tsf)	(%
SAND with Gravel-gray-	_						4		
medium dense (A-1)									
58	9.5						\dashv		Γ
	_	Н		H	0.000V 1.04V		+	 	H
		1			SANDY LOAM-gray- medium dense (A-2)		\neg		l
	_	7		H	, ,		10	1	⊢
	-45	1	NP	22			-65 13	NP	22
	_						_		
CAND /1 7)	_						_		l
SAND-gray-medium dense (A-3)						564.5			Г
	_	\vdash		H			+	\vdash	⊢
		1					\neg		l
	_	9		H			10	<u> </u>	┡
	-50	13	NP	22			15 -70 18	NP	23
							\exists		
							\dashv		l
57.	9.5						╧		Г
	_	\vdash		\vdash	SAND-gray-dense (A-3)		+	\vdash	\vdash
	_								
CAND A COANTI	_	5		\vdash			14	<u> </u>	L
SAND & GRAVEL-gray- medium dense (A-1)	-55	6	NP	14			23 -75 28	NP	20
		Ť	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ļ , 			<u> </u>	"	<u>רב"</u>
	_						\dashv		l
	4.5	\vdash		Н			士		H
		\vdash		\vdash			7_	_	L
SANDY LOAM-gray-	_						\dashv		l
medium dense (A-2)		9		L			16	<u> </u>	L
	-	9	\				26	,	
The Unconfined Compressive Strength (UCS) Failure	Mode is i	8 ndicat	NP ed by (23 B-Bul	ge, S—Shear, P—Penetrometer) ST—Si	nelby Tube Sample	-80 26 VS=Van	NP Shear	Test

PAGE <u>3</u> of <u>3</u> Geo Services, Inc. chnicol, Environmental & Givil Engineering 805 Artherst Court, Sulte 204 Naperville, Ullingla 60565 (630) 355-2858 SOIL BORING LOG DATE DR LOGGED BY 2/3/2012 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 ___ F L C O O S I T W S Qu T V (ft) (/6") (tsf) (%) T O S Qu S , BORING No. BS-08
Station 281+25
Offset 2.5' Right Groundwater Elevation:
First Encounter 625.5
Upon Completion n/a(ft) (/6") (tsf) (%) After _____ Hrs. 631.5 Ground Surface Elev. _ SAND-gray-dense (A-3) -85 11 2.58 24 CLAY LOAM-gray-very dense (A-4/A-6) <u>-105</u> CLAY-gray-stiff to very stiff (A-6) ___ 47 _-11050/4 4.6S 11 Drillers Observation: Possible Bedrock. End Of Boring © -115.0' Hollow Stem Augers To -10.0' Rotary Drilling To Completion Diedrich Automatic Hammer CLAY LOAM-gray-very dense (A-4/A-6)

he Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear ' he SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcr) is noted in Italics above molt IR-No Recovery

	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 - WJV	REVISED
	CHECKED - CJB	REVISED
PLOT SCALE =	DRAWN - WJV	REVISED
PLOT DATE =	CHECKED - CJB	REVISED