					PAGE	1	of _	4	
Geo Spritos Inc		SOI	L E	OF	RING LOG DATE	6/13/2012	2		
Geo Services Inc. Geotechnical, Environmental & Civil Engineering 805 Amberst Court, Suite 204 Naperville, Illinois 60565						ED BY JK			
Naperville, Illinois 60565 (630) 355-2838									_
						JOB No. <u>09</u>			_
ROUTE FAP 353 (US 30)	DESCR	PTION	<u>US I</u>	₹oute	e 30 👁 EJ&E/CN Railroad, IDOT Job	No. D-91-	046-	-12	_
SECTION 11-Y-A	LOCATI	ON <u>S</u>	EC 20	& 2	29. T 35 N. R 15 E. 3rd PM				
COUNTY Cook	DRILLIN	IG ME	THOD .	Holle	ow Stern Auger/Rotary HAMMER TYP	PE <u>Diedrich</u>	Auto	matic	С
STRUCT. NO		В	u	м	Surface Water Elev. <u>n/a</u>	b	В	C	l,
Station	E	L	C	0	Stream Bed Elev. <u>n/a</u>	— E	L	С	1
BORING NO. <u>BS-12</u>	F		S	S	Groundwater Elevation:	P	0 W	S	ŀ
Station 282+10	- E		Qu	Ť	First Encounter $\frac{625.8}{n/a}$ Upon Completion $\frac{n}{a}$	H	S	Qu	8
Offset <u>45.6' Right</u> Ground Surface Elev. <u>633.8</u>	(f	t) (/6")	(tsf)	(%)	Upon Completion <u>n/a</u> After Hrs	₩ (ft)	(/6")	(tsf)	1
	33.4	AS	100,	4	Atter Hrs	<u> </u>	Ĥ	(10.)	ŀ
		 ^ 5	一	4	1	-			l
TOPSOIL-black 6	32.3	5	<u> </u>	93			4		L
	_	5	4.6S 0			_	5		l
		8	9.9%	25	1	_	8	NP	ľ
	-	┨							l
		٦,					2		
SANDY CLAY LOAM-brown & gray-		4					3		Γ
loose to medium dense (A-2)	_	-5 6	1.25P	17	SILTY LOAM-gray- loose to medium dense (A-4)	25	3	NP	Ŀ
		-			100se to medium dense (A-4)	-			l
	_	٦,					3		l
		3	\vdash	П	1	_	5		t
		4	-	21		_	5	NP	Ŀ
▼6	25.8	4							l
		_ 5				_	١.,		l
	_	6	\vdash	Н	i	_	3		t
		10 7	NP	18		-30	1	NP	1
						_			Γ
10AN (A 4)	_	┨.							l
LOAM-gray-medium dense (A-4)		3		\vdash					╁
		1			1	601 8			L
	-	4 6	NP	21		601.8			ட
	_	_	NP	21		601.8			t
	<u>-</u>	6	NP	21		601.8			T
		3	NP	21	SAND & GRAVEL-gray-	601.8	3		
		6	NP NP	21	SAND & GRAVEL-gray- medium dense (A-1)	601.8	5	NP	
6	18.3	3 5					5	NP	_
6	18.3	5 15 8					5	NP	_
6	18.3	3 5 15 8					5	NP	_
		3 5 15 8	NP	25			5	NP	
6 SILTY LOAM-groy- loose to medium dense (A-4)		3 5 15 8					5	NP	
SILTY LOAM-gray-	18.3	3 5 15 8	NP	25	medium dense (A-1)		5	NP	
SILTY LOAM-gray-		3 5 15 8	NP	25			5	NP	

Geo Services- Inc. Geotechnical, Environmental & Civil Engineering 805 Amberit. Caurt. Squte 204 Noperville, Jillinois, 60565 (630) 355-2838	S	OII	L B	OF	RING LOG	PAGE _2 DATE _6/13/20 LOGGED BY _JK GSI JOB NoL	12		<u> </u>
ROUTE FAP 353 (US 30)	DESCRIPT	ON	US F	Route	30 © EJ&E/CN Railroad, IDC	OT Job No. D-91	<u>-046</u> -	-12	_
SECTION 11-Y-A	LOCATION	I _SE	C 20	& 2	29. T 35 N. R 15 E. 3rd Pi	4			
					ow Stern Auger/Rotary HAMM		h Aut	omatic	_
STRUCT. NO Station BORING NO. BS—12 Station82+10 Offset45,6' Right Ground Surface Elev633.8	D E P T H	BLO¥S	U C S Qu (tsf)	MO-ST	Surface Water Elev.	D E P T H	B L O	ocw d	M 0 S T
SAND-gray-medium dense (A-3)	91.8					=			
SAND & GRAVEL-gray- medium dense (A-1)	 - -45	7 7 10	NP	15	SAND-gray-dense (A-3)	- - - - 	20 23 35 24	NP	20
<u>5</u>	86.8					566.8			
		15 17 18	NP	24	CLAY-gray-very stiff (A-6)		21 26 70 32	2.28	110 20
SAND-gray-dense (A-3)		15 16				561.8	43	•	
	_55 	19	NP	23	SAND-gray-very dense (A-	3)		NP	20
The Unconfined Compressive Strength (UCS) Failur		19 21 25	NP	21			41 50/4	• NP	20 Test

COUNTY Cook DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE Diedrich Automatic STRUCT. NO. _---Surface Water Elev. n/aStation ___ BORING NO. BS-12
Station 282+10
Offset 45.6' Right Groundwater Elevation: S Qu First Encounter 625.8 Upon Completion n/a(ft) (/6") (tsf) (%) After _____ Hrs. ▼ (ft) (/6") (tsf) (%) 633.8 Ground Surface Elev. _ SAND-gray-very dense (A-3) SANDY CLAY LOAM-gray-very dense (A-4/A-6) Silurian System, Niagaran Series Dolomite_ RUN 1 (-111.0' to -121.0') Gray & fine grained with horizontal bedding becoming light gray mottled gray & slightly porous ⊕ −114.9'.

-95 4.5+P 12 + 118.6', −116.0', −117.1', −117.7', −118.4', −118.4', −118.4', −118.4'. <u>-115</u> RUN 1 Recovery=100.0% RQD=86.0%

SOIL BORING LOG

LOCATION SEC 20 & 29, T 35 N, R 15 E, 3rd PM

DESCRIPTION US Route 30 © EJ&E/CN Railroad, IDOT Job No. D-91-046-12

Geo Services, Inc. chnical, Environmental & Civil Engli 805 Amherst Court, Suite 204 Naperville, Jilinjuls 60565 (630) 355-2838

ROUTE FAP 353 (US 30)

SECTION 11-Y-A

PAGE <u>3</u> of <u>4</u>

COUNTY TOTAL SHEET NO.

COOK 354 219

CONTRACT NO. 60R19

COUNTY

SECTION

11-Y-A

353

DATE 6/13/2012 LOGGED BY JK GSI JOB No. <u>09174</u>

The SPT (N value) is the				
NR-No Recovery				

<u> </u>		USER NAME =	DESIGNED - WJV	REVISED		SOIL BORING LOGS
	7325 Janes Avenue Woodridge, IL 60517		CHECKED - CJB	REVISED	STATE OF ILLINOIS	201F BOKING FOR2
J	630.724.9200 phone 630.724.9202 fax	PLOT SCALE =	DRAWN - WJV	REVISED	DEI AITIMENT OF MANOTONIATION	STRUCTURE NO. 016–1350
		PLOT DATE =	CHECKED - CJB	REVISED		SHEET NO. 34 OF 35 SHEETS