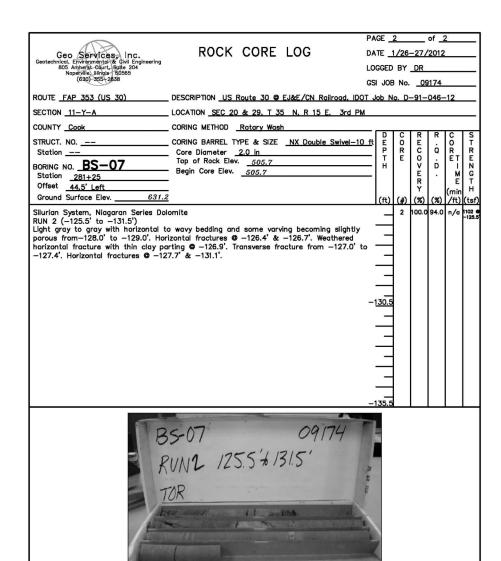
						1	PAGE 4		of _	1	
Geo Services. Inc.	S	OIL	L E	BOF	RING LOG	ı	DATE <u>1/26</u>	-27/	2012		
Geo Services, Inc. Geotechnical, Environmental & Givil Engineering 805 Amheriat Court, Suite 204 Naperville, Jilingis 60565						ı	LOGGED BY	DR			
Naperville, Illinois 60565 (630) 355-2838							GSI JOB No				
ROUTE FAP 353 (US 30)	DESCRIP.	TION	US F	Route	30 @ F.I&F/CN Rail						
SECTION 11-Y-A								VI.	0 10	12	
Section Section Francisco											
COUNTY Cook	DRILLING	MEI	HUD .	Holli			TYPE DIE	arich	Auto	matic	<u> </u>
STRUCT. NO	D	В	U	м	Surface Water Elev. Stream Bed Elev.	$\frac{n/a}{n/a}$		D	В	U	N
BORING NO. BS-07	E	P	C	0	Groundwater Elevatio	-		E P	L	C	9
Station 281+25	H	W	Qu	S	First Encounter	624.2	_	표	W	Qu	5
Offset 44.5' Left	20.00				Upon Completion	n/a	∇	30.72			
Ground Surface Elev. 631.2	(ft)	(/6")	(tsf)	(%)	After Hrs.			(ft)	(/6")	(tsf)	(7
	_	ł						-			
	_	l						\neg			
Recovery=100.0%]						二			Γ
RQD=82.0%	_		RUN 1					\dashv	-		┝
		1						J			l
	_							-	_	,	L
	-125							-145			l
50	05.7							ij			T
Silurian System, Niagaran Series Doloi RUN 2 (—125.5' to —131.5') Light gray to gray with horizontal to bedding and some varving becoming	mite							_			
RUN 2 (-125.5' to -131.5') Light gray to gray with horizontal to	wavy —	ł						\dashv			┝
bedding and some varving becoming slightly porous from-128.0' to -129.0	٥,	1						\exists			L
Horizontal fractures ♥ -126.4' &	_							-			
-126.7'. Weathered horizontal fracture with thin clay parting	e _	1	RUN 2	2				\dashv			l
Transverse fracture from -127.0' to		1						\exists			T
-127.4'. Horizontal fractures @ -127. & -131.1'.	.7' <u>–130</u>							<u>-150</u>			L
	-	ł						\dashv			l
Recovery=100.0% RQD=94.0% 49	99.7	乚						\exists			L
End Of Boring ◎ -131.5	_							_			l
Hollow Stem Augers To -10.0' Rotary Drilling To Completion	_	Н		Н							┢
Rotary Drilling To Completion 10.0' Of 4.0"ø Casing Used		1						コ			l
117.0' Of 3.0"Ø Casing Used CME Automatic Hammer		Н		H				_	-		┞
	-135							-155			
											Γ
	_							\dashv			l
		Н		Н					\vdash		H
		Щ		Ш				\Box			L
	_							-			
								ᅼ			L
		П									Γ
	-140							-160			

								-			
				etrometer)							
g z	one	(AASHTO	T206)	The Unit I	Dry Weight	(pcf) is	noted in	italics	apov	e mo	ist (%)

				PAGE _1		of _2	2	
Geo Services, Inc.	ROCK	CORE	LOG	DATE 1	/26-27	/2012		_
Geotechnical, Environmental & Civil Engineering 805 Amherst Court, Suite 204				LOGGED	BY DR			
Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 805 Armerat Court, Salte 204 Noperville, Illingis 60565 (630) 355-2838				GSI JOB	No0	9174		
ROUTE FAP 353 (US 30)	DESCRIPTION US	Route 30 @	EJ&E/CN Railroad.	DOT Job No	D-91-	046-	-12	
SECTION 11-Y-A								
COUNTY Cook	CORING METHOD							
			NX Double Swivel-	10 ft E	C R O E	R	CO	S
Station	Core Diameter	2.0 in		<u> </u>	R C E O	Q	Ř ET	R E
BORING NO. BS-07	Top of Rock Elev. Begin Core Elev.	. <u>515.7</u>		— #	V	Ď	1	N
Station <u>281+25</u> Offset <u>44.5' Left</u>	209 00.0 2.0	310.7			E R		E.	G T
Ground Surface Elev. 631.2				(ft)	(#) (%)	(%)	(min /ft)	H (tsf)
Silurian System, Niagaran Series Dole	omite					82.0		1170 6
RUN 1 (-115.5' to -125.5') Gray & fine grained with horizontal		ecomina list	at aray mattled ara	, <u>,</u> _				-115.5
slightly porous ♥ -119.2', changing	to light gray & fir	ne grained w	ith horizontal beddi					
-122.0'. Horizontal fractures © -118 -123.1' & -123.4'.	3.8', -119.2', -119	.5', –120.0',	, –121.5′, –121.7′,					
				\dashv				
				400.5				
				- <u>120.5</u>				
				_				
				-125.5				
BS RI	-07 IN 1 1/5	5'+0/2	09174	20 AV 20				

Color pictures of the cores <u>Yes</u> Cores will be stored for examination for <u>—</u>
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)



Color pictures of the cores <u>Yes</u> Cores will be stored for examination for <u>—</u>
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

	V3 Companies of IIIInols Ltd.	USER NAME =
/ \	7325 Janes Avenue	
	Woodridge, IL 60517	
\ V _	630.724.9200 phone 630.724.9202 fax	PLOT SCALE =
	030.124.9202 18x	DLOT DATE -

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

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

SOIL BORING LOGS		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	353	11-Y-A	COOK	354	212		
STRUCTURE NO. 016-1350		CONTRACT NO. 6					
SHEET NO. 27 OF 35 SHEETS	ILLINOIS FED. AID PROJECT						