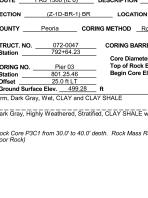
Illinois Depart of Transporta	me	nt		sc		GLOG		Page	<u>1</u>	of 2
Division of Highways Geotech Engineering & Testing, Inc.		•						Date	11/2	29/10
ROUTE FAS 1388 (IL 8) D	ESCR	IPTION	۰		IL 8 Over Kickapoo Cre	ek	LOGGI	ED BY	C. F	armer
SECTION (Z-1D-BR-1) BR				SE 1/4	, SEC. 24, TWP. 9N, RN de , Longitude	G. 6E, 4 <sup>th</sup> PM,				
COUNTY Peoria DRILLI	IG ME	THOD		Lautu		HAMMER TYPE	=	AL	ло	
STRUCT. NO. 072-0047 Station 792+64.23	D E P	B L O	U C S	м 0 1	Surface Water Elev Stream Bed Elev	489.04 ft 488.00 ft	DEP	B L O	U C S	M 0 1
BORING NO.    Pier 03      Station    801.25.46      Offset    25.0 ft LT	Т	w s	Qu	S T	Groundwater Elev.: First Encounter	483.3ft	T H	w s	Qu	S T
Ground Surface Elev. 499.28 f	t (ft)	(/6")	(tsf)	(%)	Upon Completion After36 Hrs	487.7 ft		,	(tsf)	(%)
OPSOIL	_	1 2		24	Very Loose to Very Firr Tan, Saturated, Coarse	n, Brown to SAND	-	3		18
/ery Stiff, Brown, Moist, SILTY CLAY w/ Rock Fragments	8	2			(continued)		_	11		
LAT W ROCK Flagments	_	8					_	10		
	-	8 8		19			-	6 8		13
494.2	8 -5						-25			
/ery Soft, Dark Brown, Moist to Wet, SILTY CLAY LOAM w/ Sand	_	1	1.3	31			_	4		19
enses	_	1	В				_	5		
/ery Soft to Soft, Brown, Wet,	8	2					_	15		
SILTY CLAY LOAM	_	1	1.3 B	24			_	17 12		18
		Ľ						12		
	-10	1			Borehole continued with	n rock 469.	28 -30			
	~	1	1.6 B	23	coring.					
486.7							_			
/ery Soft, Brown to Gray, SILTY CLAY LOAM		1	1.1	28			_			
		1	В	-			_			
	8 -15	1					-35			
Firm, Brown to Tan, Wet to Saturated. Coarse SAND w/ Some Aggregate	Ţ	2		15			_			
482.2	8	3					_			
Very Loose to Very Firm, Brown to Tan, Saturated, Coarse SAND	▽	4					_			
	_	2 1		20			-			
	_									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)



Illinois Department of Transportation Distance of Highways Datch (Fightways) Datch (Fightways) Date 11/29/10 ROUTE \_\_\_\_\_FAS 1388 (IL 8) \_\_\_\_\_DESCRIPTION \_\_\_\_\_\_IL 8 Over Kickapoo Creek \_\_\_\_\_\_LOGGED BY C. Farmer 
 SECTION
 (Z-1D-BR-1) BR
 LOCATION
 SE 1/4, SEC. 24, TWP. 9N, RNG. 6E, 4<sup>th</sup> PM, Latitude
 Lotatiude
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 Lotatiude
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 No. 6E, 4<sup>th</sup> PM, Latitude
 No. 6E, 4<sup>th</sup> PM, Latitude

 CORING METHOD
 Rotary, Surf Set Diamond Bit
 R
 CORE
 S

 STRUCT. NO.
 072-0047
 CORING BARREL TYPE & SIZE
 NX-2, conv, dblbbl, solid in.
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 Firm, Dark Gray, Wet, CLAY and CLAY SHALE
 469.26
 469.28

 Dark Gray, Highly Weathered, Stratified, CLAY SHALE with Dark Gray CLAY Seams
 23C1
 90
 52
 2
 28.0
Rock Core P3C1 from 30.0' to 40.0' depth. Rock Mass Rating = 33 (Class No. IV -Poor Rock) Dark Gray, Highly Weathered, Stratified, CLAY SHALE 70 60 2 454.28 -45 Rock Core P3C2 from 40.0' to 45.0' deoth. Rock Mass Rating = 33 (Class No. IV -Poor Rock) End of Boring . | . | . | . | . | -50

Color pictures of the cores <u>Yes</u> Cores will be stored for examination until <u>12/8/12</u> The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938) BBS, form 138 (Rev. 8-99)

FILE NAME = 0720229-68697-032-Soil Boring Logs	ign USER NAME =	DESIGNED - BWP	REVISED -		SOIL BORING LOGS	F.A.S.	SECTION	COUNTY TOTAL SHEET
BACON   FARMER   WORKMAN ENGINEERING & TESTING, INC.		CHECKED - CMV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 072-0229	1388	(Z-1D-BR-1)BR	PEORIA 89 74
403 NORTH COURT STREET	PLOT SCALE =	DRAWN - BWP	REVISED -			_		CONTRACT NO. 68697
MARICN, ILLINOIS 62969 PHONE - 618,997,9190	PLOT DATE = 3/18/2014	CHECKED - CMV	REVISED -		SHEET NO. 32 OF 34 SHEETS		ILLINOIS FED. A	AID PROJECT

## **ROCK CORE LOG**

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