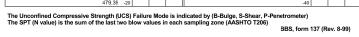
Illinois Depa of Transpor	artm tatic	ent m		sc	DIL BORING LOG	-	<u>1</u> 12/	_
		CRIPTIO	N		IL 8 Over Kickapoo Creek LOG			
SECTION (Z-1D-BR-1) BR		LOCA		SE 1/4	4, SEC. 24, TWP. 9N, RNG. 6E, 4 <sup>th</sup> PM,			
COUNTY Peoria DRI	ILLING I	NETHOD		Latitu	ide , Longitude HSA HAMMER TYPE	AL	ло	
STRUCT. NO. 072-0047   Station 792+64.23   BORING NO. Pier 04	-	D B E L P O T W	U C S	M O I S T	Stream Bed Elev. 488.00 ft F	D B E L D O T W	U C S	M O I S T
BORING NO. Pier 04   Station 801.95.96   Offset 25.0 ft RT   Ground Surface Elev. 499.39	_	H S ft) (/6")	Qu (tsf)	(%)	First Encounter 483.4 ft ▼ I   Upon Completion 481.4 ft ▽ ft ▽   After36Hrs. 492.4 ft ▽ ft ▽	H S (/6")	Qu (tsf)	ı (%)
TOPSOIL		4	0.7 B	19	Very Firm, Brown, Wet to Saturated, SAND w/ Small Aggregate 477 90	11 8 17		13
Firm, Brown and Black, moist, SILTY CLAY LOAM w/ Some	197.89	-	В		Firm, Brown, Saturated, Coarse	+"		
Organics	-	$\frac{2}{3}$	1.8 B	10	Firm, Black. Saturated SANDY 475.39	12 10 6		13
Firm, Dark Brown to Black, moist, SILTY CLAY	494.39 	-5 2 4 4	1.6 B	23	LOAM Firm, Brown, Wet to Saturated, Coarse SAND —	25 9 10 16		14
Soft, Brown. Moist SANDY CLAY		- 2 - 1 2	1.8 B	23	471.89 Dense, Brown, Wet to Saturated, Coarse SAND w/ Shale Fragments	20 23 18		14
Very Loose, Brown, Wet, SANDY LOAM	489.39		0.4 B	23	Borehole continued with rock	30 		
	_	- 1 - 1 - 1		22	- - -	-		
Firm, Brown, Wet, GRAVEL w/	484.39 	-15 3 5 6		10	-	35		
Loose, Brown to Tan, Wet to Saturated, SANDY LOAM	<u>481.89</u> ⊻	- 4 - 4 - 4		15	-			
4	479.39	-20			-	40		



ROUTE	FAS 1388 (IL 8)	_ DESCRIPTION
SECTION	(Z-1D-BR-1) BR	LOCAT
COUNTY	Peoria CO	RING METHOD
STRUCT. NO.	072-0047	CORING B
Station		
		Core Dia
BORING NO.	Pier 04	— Top of Ro Begin Co
	801.95.96	
Offeet		
Offset Ground Surfa Dark Gray, Hig Rock Core P4	25.0 ft RT ace Elev. 499.39 ghly Weathered, Strat C1 from 30.0' to 37.0'	ified, CLAY SHA
Offset Ground Surfa Dark Gray, Hig Rock Core P4	ace Elev. <u>499.39</u> ghly Weathered, Strat	ified, CLAY SHA
Offset <u>Ground Surfa</u> Dark Gray, Hig Rock Core P4 Poor Rock)	ace Elev. <u>499.39</u> ghly Weathered, Strat	ified, CLAY SHA

End of Boring

Color pictures of the cores Yes 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 = 0720229-68697-033-Soil Boring Logs.dgn	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	STRUCTURE NO. 072–0229	1388	(Z-1D-BR-1)BR	PEORIA 89 75
403 NORTH COURT STREET	PLOT SCALE =	DRAWN - BWP	REVISED -	DEPARTMENT OF TRANSPORTATION				CONTRACT NO. 68697
MARION, LLINDIS 62959 PHONE - 618,997,9190	PLOT DATE = 3/18/2014	CHECKED - CMV	REVISED -		SHEET NO. 33 OF 34 SHEETS		ILLINOIS FED.	AID PROJECT

## **ROCK CORE LOG**

Page <u>2</u> of <u>2</u>

		-		D	ate <u>1</u>	2/1/10		
IL 8 Over Kickapoo Creek			_ LO	GGED	BY <u>C.</u>	Farmer		
SE 1/4, SEC. 24, TWP. 9N, RNG. 0E, 4 <sup>th</sup> PM,   Latitude Longitude   tary, Surf Set Diamond Bit R								
NX-2, conv, L TYPE & SIZE	D	с	E C O	R Q	T	T R E		
lev. <u>469.39</u> ft av. <u>469.39</u> ft	E P T H	O R E	V E R Y	D	M E	N G T H		
	( ft)	(#)	(%)	(%)	(min/ft)	(tsf)		
th Dark Gray CLAY Seams 469.39	-	P4C1	88	62	2	29.5		
ating = 33 (Class No. IV -	_							
	_							
	_							
	-35							
	-							
	_							
462.39	_	P4C2	85	52	2			
··	_							
ating = 30 (Class No. IV -	_							
	-40							
	-							
	_							
	_							
	_							
	_							
454.39	-45							
	-							
	_							
	_							
	_							
	_							
	-50							