Illinois Department of Transportation				SOIL BORING LOG			Page <u>1</u> of	
ROUTE RT 48 DESC	RIPTION			IL 4	8 over Bear Creek	LOGGE	BY M. Tappar	
SECTION 4 (I): 136B-1	LOC	ATION	SE 1/	4. SEC	. 33, TWP. 12N, RNG.	3W, 3 PM		
COUNTY Christian Co. Di	RILLING	METH	oo .		HSA	HAMMER TYPE	140# Auto	
, ,	[3 U	м				
STRUCT. NO. 011-0514 Station 627+01		E 1	. с	0	Surface Water Elev. Stream Bed Elev.		,	
BORING NO. 2 S. Pier Station 627+08		P C T V H S	Y	S T	Groundwater Elev.:	581.1ft		
Offset 33.0ft RT Ground Surface Elev. 587.6	ft	(ft) /6	i" (tsf)	(%)	y Upon Completion y After <u>120</u> Hrs.	Cored ft 585.6 ft		
Dark Gray Very Moist SILTY CLAY LOAM				Ť				
·	-	_						
	<u>*</u> -	7 (29	_			
	-		B .					
Light Brown and Dark Gray Wet	584.10	-	DH.					
SILTY CLAY	_	. (33				
	-		В	-				
	-	VANC	⊃ H					
Gray Dirty Fine SAND	580.60	- 0						
	_	\Box		ļ				
Light Brown and Light Blue Gray	579.10	_/wc	7			•		
Wet SILTY CLAY	-	10 0		23				
	-	- 0		ļ				
Gray Dirty Fine SAND	576.60			-				
	_	0						
		1						
	_							
		15 0						
	-	. 5	-					
-								
Gray Poorly Indurated Micaceous	570.60	0	_	12		•		
SHALE	569.60	10						
Borehole continued with rock coring.		-						
*	_						• .	

Illinois Department Page 1 of 1 **ROCK CORE LOG** of Transportation Date 12/14/12 LOGGED BY M. Tappan ROUTE RT 48 DESCRIPTION IL 48 over Bear Creek SECTION 4 (I): 136B-1 LOCATION SE 1/4, SEC. 33, TWP. 12N, RNG. 3W, 3 PM R E CORE COUNTY Christian Co. CORING METHOD Water R E N G T STRUCT, NO. 011-0514 Station 627+01 D C E O P R T E CORING BARREL TYPE & SIZE NQ2WL Top of Rock Elev. 570.60 ft
Begin Core Elev. 568.60 ft BORING NO. 2 S. Pier 627+08 Offset 33.0ft RT
Ground Surface Elev. 587.6 ft (ft) (#) (%) (%) (min/ft) (tsf) Dark Gray Moist Poorly Indurated Micaceous Clayey SHALE Open Joints. 2" - 12" Spacing 76 34 128.4 2 100 82 563.00 Gray Well Indurated Micaceous Sandy Calcareous SHALE Open Joints. 2"- 12" Spacing 155.5 3 98 76 Gray Well Indurated Fine Grained Argilliceous SANDSTONE Open-Joints. 2" - 12" Spacing 4 100 96 271.3 Color pictures of the cores Yes, On File

Cores will be stored for examination until 5 Years after Construction

The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

RQD is the ratio of the total length of sound core specimens >4" to total length of core run BBS,

S. Pier in Boring Logs refers to Pier 1 in plans.

USER NAME = \$OPERATOR\$	DESIGNED	-	TJZ	REVISED
FILE NAME = 0110514-72A61.dgn	CHECKED	-	CWC	REVISED
PLOT SCALE = 0:2.0000 ':" / 10.	DRAWN	-	DLH	REVISED
PLOT DATE = 8/16/2013	CHECKED	-	TJZ	REVISED

BBS, form 138 (Rev. 8-99)