ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP 782 (IL Rte 1) Over Rock Creek

District Nine Materials

Bridge Foundation Boring Log

Sheet 1 of 1

Route: FAP 782 (IL Rte St Section 115A	ructur	e Numbe	er: <u>035</u>	-0002	Bo	Date	_	9/4/20:	13	
County: Hardin	_ Loca	Location: 3.3 mi South of Gallatin County Checked By: R Graeff								
Boring No <u>5-S</u> Station <u>996+65</u> Offset <u>8' Rt CL</u> Ground Surface <u>357.6 Ft</u>	D E P T	B L O W	Qu tsf	W%	Ground Water Elevation when Drilling At Completion At: Hrs:	D E P T H	B L O W	Qu tsf	W9	
3"Asphalt over 13" Concrete 356.1 Augered to bedrock (footing)					Hard, dry, grey, Clay Shale 85% Recovery; 11% RQD 330.6 Cored 27.0 to 30.3 feet		F			
-	5.0				Hard, dry, grey, Clay Shale 81% Recovery; 51% RQD					
- -					327.1 Bottom of hole = 30.3 feet	30.0				
-					No free water observed Elevation referenced to BM at SW abut; Elev.= 356.9 feet		ī			
- - -	10.0				Borehole advanced with hollow stem auger (8" O.D, 3.25" I.D.) To convert "N" values to "N60"	35.0				
-					multiply by 1.25					
/- :-	15.0					40.0				
-							· •	•		
_						45.0				
335.6 Cored 22.0 to 27.0 feet Concrete footing with rebar 19" Recovered 334.1						,				
Hard, dry, grey, Clay Shale 35% Recovery; 11% RQD	25.0					50.0				

N-Std Pentr Test: 2" OD Sampler,140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

ILLINOIS DEPARTMENT OF TRANSPORTATION

Bridge Foundation

ILLINOIS DEPARTMENT OF TRANSPORTATION District Nine Materials							Bridge Foundation Boring Log			
FAP 782 (IL Rte 1) Over Rock	Creek		JISCI.	me Materials		Sheet '1.of 1				
		Number	: 035	Date: 9/5/2013						
Section 115A				Bored By: R Moberly						
County: Hardin	Locat	cion: 3.	3 mi :	of Gallatin County Checked By: R Graeff						
				Surf Wat Elev: 337.1						
Boring No 6-S	D E	B L			Ground Water Elevation	- D	В			
Station 997+78	P	ō			when Drilling	_ E _ P	L O			
Offset 9' Rt CL	т	w	Qu		At Completion	T	w	Qu		
Ground Surface 356.9 Ft	Н		tsf	W%	At: Hrs:	Н		tsf	W%	
8" Asphalt over 11" Concrete										
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355.4						•			İ	
Augered to bedrock						-			ł	
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	10.0				+++++++++++++++++++++++	35.0				
i –	10.0				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	00.0			8	
					No free water encountered	-			i	
									ĺ	
					Elevation referenced to BM at				1	
					SW abut; Elev.= 356.9 feet	_				
					Borehole advanced with hollow		£		l	
	-				stem auger (8" O.D, 3.25" I.D.)				i	
									ì	
_	15.0				To convert "N" values to "N60"	40.0			j	
	-				multiply by 1.25					
					+++++++++++++++++++++++++++++++++++++					
-										
									1	
_									l	
_					312.9	·				
	Hard, dry, grey, clayey		100/2"							
_	20.0				Sandstone 311.9	45.0				
	-				Bottom of hole = 44.2 feet	1				
_									1	

N-Std Pentr Test: 2" OD Sampler,140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)



USER NAME = kah		DESIGNED	-	SHL	07/13	REVISED -
ESCA PROJECT NO. 1035.03		CHECKED	-	RDP	09/13	REVISED -
PLOT SCALE = 0:2 ':' / IN.		DRAWN	-	KAH	07/13	REVISED -
PLOT DATE = 1/22/2014	5:24:53 PM	CHECKED	-	SHL	08/13	REVISED -

BORING LOGS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
STRUCTURE NO. 035-0017	782	115B-1	HARDIN	70	52
CINCOLONE HOLOGO COLL			CONTRACT	NO. 7	8263
SHEET NO. 29 OF 29 SHEETS		TILL INDIS FED. AT	D. PROJECT		