

**Midwest Testing Services, Inc.**  
3705 Progress Blvd.  
Peru, IL 61354

**BORING LOG**

Sheet 3 of 4

Phone: 815-223-6696  
Fax: 815-223-6659  
e-mail: mts37@comcast.net

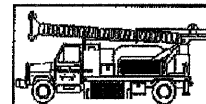
Client: Hutchison Engineering, Inc.  
Project Name: Bridge on C.H. 37 over the W. Branch of Horse Creek  
Project Site: Milks Grove Twp. Iroquois County, IL  
Section No.: 07-00222-01-BR

Boring No. B-1  
Surface Elev. 693.68  
Auger Depth 66.00 Rotary Depth NA  
Start Date 02/07/09 Finish Date 02/07/09

Location: West Abutment  
29+70 6' LT

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Graphic Log	Depth in feet	SAMPLES						Dry Density (PCF)	DRILLED BY	REMARKS
				Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)			
651.68												
650.68			43									
649.68			44									
648.68			45									
647.68			46	16	SS	2.3	14	B	18			
646.68			47									
645.68			48									
644.68			49									
643.68			50									
642.68	Stiff/Very Stiff Gray Silty Clay Till		51	17	SS	2.0	15	B	17			
641.68			52									
640.68			53									
639.68			54									
638.68			55									
637.68			56	18	SS	1.6	12	B	17			
636.68			57									
635.68			58									
634.68			59									
633.68	Hard Gray Silty Clay Till		60	19	SS	5.8	26	B	15			
632.68			61									
631.68			62									

Groundwater Data: Water 24' below top of ground after auger removal.  
Comments: Creek bed +10' below bridge deck.



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				Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)			
630.68												
629.68			64									
628.68			65									
627.68			66	20	SS	5.8	30	B	14			
626.68			67									
625.68			68									
624.68			69									
623.68			70									
622.68			71									
621.68			72									
620.68			73									
619.68			74									
618.68			75									
617.68			76									
616.68			77									
615.68			78									
614.68			79									
613.68			80									
612.68			81									
611.68			82									
610.68			83									

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Comments: Creek bed +10' below bridge deck.

**SOIL BORING LOGS**  
**COUNTY HIGHWAY 37 OVER**  
**WEST BRANCH OF HORSE CREEK**  
**SECTION 07-00222-01-BR**  
**IROQUOIS COUNTY**  
**STATION 29+95.51**

SHEET NO. 5	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CH 37	07-00222-01-BR	IROQUOIS	19	11
7 SHEETS	S.N. 038-4809		CONTRACT NO. 87431		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BRS-1322(124)		