

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

BORING LOG

Sheet 1 of 4

Phone: 815-223-6696
Fax: 815-223-6659
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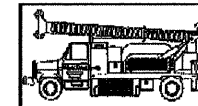
Client: Hutchison Engineering, Inc.
Project Name: Bridge on C.H. 37 over the W. Branch of Horse Creek
Project Site: Milks Grove Twp. Iroquois County, IL
Section No.: 07-00222-01-BR

Boring No. B-2
Surface Elev. 693.43
Auger Depth 66.00 Rotary Depth NA
Start Date 02/07/09 Finish Date 02/07/09

Location: East Abutment
30+30 6' RT

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Graphic Log	Depth in feet	SAMPLES						DRILLED BY	REMARKS
				Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	
693.43	Bituminous over Aggregate									Randy Saffanski Diedrich D-120	
692.43			1								
691.43			2								
690.43			3	1	SS	1.6	9	B	23		
689.43	Stiff Brown/Gray/Black Silty Clay Till		4								
688.43			5								
687.43			6	2	SS	1.6	9	B	22		
686.43			7								
685.43	Stiff Brown/Gray Silty Clay		8								
684.43			9	3	SS	1.6	8	B	20		
683.43			10								
682.43	Stiff Brown/Gray Silty Clay Till		11								
681.43			12								
680.43			13	5	SS	3.4	13	B	17		
679.43			14								
678.43	Stiff/Very Stiff Gray Silty Clay Till		15								
677.43			16	6	SS	5.4	20	B	15		
676.43			17								
675.43			18	7	SS	4.6	20	B/S	14		
674.43			19								
673.43	Stiff/Very Stiff Gray Silty Clay Till with Silt Layers		20	8	SS	3.3	20	S	17		

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



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Sheet 2 of 4

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				Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	
672.43											
671.43			22								
670.43	Stiff/Very Stiff Gray Silty Clay Till with Silt Layers		23	9	SS	3.3	16	S	16		
669.43			24								
668.43			25								
667.43	Medium Dense Gray Medium Sand		26	10	SS	---	12	---	8		First Water
666.43			27								
665.43			28	11	SS	1.7	15	B	19		
664.43	Stiff Gray Silty Clay Till		29								
663.43			30	12	SS	1.7	15	B	20		
662.43			31								
661.43			32								
660.43			33	13	SS	1.6	12	B	21		
659.43			34								
658.43	Stiff Gray Clay Till		35								
657.43			36	14	SS	1.6	13	B	20		
656.43			37								
655.43			38								
654.43			39								
653.43	Stiff/Very Stiff Gray Silty Clay Till		40	15	SS	1.6	13	B	25		
652.43			41								

Groundwater Data: Water 24' below top of ground after auger removal.
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. 6	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CH 37	07-00222-01-BR	IROQUOIS	19	12
7 SHEETS	S.N. 038-4809		CONTRACT NO. 87431		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BRS-1322(124)		