

**BORING LOG**  
 Midwest Testing Services, Inc.  
 3705 Progress Blvd.  
 Peru, IL 61354  
 Phone: 815-223-6696  
 Fax: 815-223-6659  
 e-mail: ms376@comcast.net

Client: Hutchison Engineering, Inc.  
 Project Name: Bridge on C.H. 10 over Fountain Creek  
 Project Site: Lovejoy Twp. Iroquois County, IL  
 Section No.: 07-00216-01-BR

Boring No. B-1  
 Surface Elev. 658.51  
 Auger Depth 61.00 Rotary Depth NA  
 Start Date 02/06/09 Finish Date 02/06/09

Location: West Abutment  
19+65 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		
658.51	Bituminous over Aggregate		1							
657.51	Stiff Brown/Gray Silty Clay Fill		2							
656.51			3	1	SS	1.2	9	B	23	
655.51			4							
654.51	Stiff Black Silty Clay		5							
653.51			6	2	SS	1.1	9	B	24	
652.51	Stiff Gray Brown Silty Clay		7							
651.51			8	3	SS	1.0	9	B	29	
650.51			9							
649.51	Very Stiff Gray Silty Clay Till		10							
648.51			11	4	SS	1.0	9	B	28	
647.51			12							
646.51	Medium Dense Gray Silt		13							
645.51			14	5	SS	3.5	13	B	21	
644.51			15							
643.51	Medium Dense Gray Silt		16							
642.51			17	6	SS	5.0	26	B	19	
641.51			18							
640.51	Medium Dense Gray Silt		19							
639.51			20	7	SS	3.9	16	B	20	
638.51			21							
			22	8	SS	---	15	---	23	

Groundwater Data: Water 5' below top of ground after auger removal.  
 Comments: Creek bed ± 12' below deck.

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				Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear		
637.51	Stiff Gray Silty Clay Loam Till		22							
636.51			23	9	SS	1.4	15	B	16	
635.51			24							
634.51	Stiff Very Stiff Gray Clay Till with Sand Seams		25							
633.51			26	10	SS	1.6	17	B	14	
632.51			27							
631.51	Very Stiff Hard Silty Clay Till		28							
630.51			29	11	SS	3.1	16	B	24	
629.51			30							
628.51	Very Dense Gray Sand & Gravel with Cobbles		31							
627.51			32	12	SS	3.0	15	B	24	
626.51			33							
625.51	Hard Gray Silty Clay Till		34							
624.51			35	13	SS	4.1	20	B	19	
623.51			36							
622.51	Hard Gray Silty Clay Till		37							
621.51			38	14	SS	5.4	26	B	12	
620.51			39							
619.51	Hard Gray Silty Clay Till		40							
618.51			41	15	SS	2.5	19	B	16	
617.51			42							

Groundwater Data: Water 5' below top of ground after auger removal.  
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				Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear		
616.51	Very Stiff Gray Silty Clay Loam Till with Sand Seams		43							
615.51			44							
614.51			45	20	SS	---	26	---	11	
613.51	Very Dense Sand & Gravel with Cobbles		46							
612.51			47							
611.51			48	21	SS	---	20	---	9	
610.51	Hard Gray Silty Clay Till		49							
609.51			50							
608.51			51	22	SS	---	20	---	9	
607.51	Hard Gray Silty Clay Till		52							
606.51			53							
605.51			54							
604.51	Hard Gray Silty Clay Till		55							
603.51			56	23	SS	7.4	68	S	10	
602.51			57							
601.51	Hard Gray Silty Clay Till		58							
600.51			59							
599.51			60							
598.51	Hard Gray Silty Clay Till		61							
597.51			62							
596.51			63							

Groundwater Data: Water 5' below top of ground after auger removal.  
 Comments: Creek bed + 12' below deck.

**SOIL BORING LOGS**  
**COUNTY HIGHWAY 10 OVER**  
**FOUNTAIN CREEK TRIBUTARY**  
**SECTION 07-00216-01-BR**  
**IROQUOIS COUNTY**  
**STATION 20+02.60**