Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 1 of 4

Client: Fehr-Graham & Associates LLC
Project Name: Martinton Rd District Section 07-16121-00-BR
Project Site: Iroquois County, IL

Boring No. B-1
Surface Elev. 632.20
Auger Depth 81' Rotary Depth NA
Start Date 07/12/09 Finish Date 07/13/09

Location: East Abutment
6' Lt. Station 90+80

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bridge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
632.20										
631.20	Medium Brownish Black Clay	1								
630.20		2								
629.20		3	1	SS	0.8	5	B	24		
628.20		4								
627.20		5	2	SS	1.3	7	B	25		
626.20	Stiff Brownish Black Clay	6								
625.20		7								
624.20		8	3	SS	1.5	6	B	26		
623.20		9								
622.20	Stiff Brown Clay	10								
621.20		11	4	SS	1.2	7	B	27		
620.20		12								
619.20		13	5	SS	1.8	9	B	25		
618.20		14								
617.20	Stiff Gray Clay	15								
616.20		16	6	SS	1.7	12	B	26		
615.20		17								
614.20		18	7	SS	1.5	10	B	26		
613.20		19								
612.20		20	8	SS	1.5	9	B	27		

Groundwater Data: **Water level at ground surface due to gas pressure from deep sand deposit.**
Comments:

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BORING LOG

Sheet 2 of 4

Client: Fehr-Graham & Associates LLC
Project Name: Martinton Rd District Section 07-16121-00-BR
Project Site: Iroquois County, IL

Boring No. B-1
Surface Elev. 632.20
Auger Depth 81' Rotary Depth NA
Start Date 07/12/09 Finish Date 07/13/09

Location: East Abutment
6' Lt. Station 90+80

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bridge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
611.20										
610.20		22								
609.20		23	9	SS	1.4	8	B	26		
608.20		24								
607.20		25								
606.20	Stiff Gray Clay	26	10	SS	1.9	10	B	25		
605.20		27								
604.20		28	11	SS	1.7	8	B	27		
603.20		29								
602.20		30								
601.20		31	12	SS	1.6	8	B	27		
600.20		32								
599.20	Very Stiff Gray Varved Clay	33								
598.20		34								
597.20		35								
596.20		36	13	SS	3.7	16	B	23		
595.20		37								
594.20	Very Stiff Gray Clay	38								
593.20		39								
592.20		40								
591.20		41	14	SS	3.9	18	B	24		

Groundwater Data: **Water level at ground surface due to gas pressure from deep sand deposit.**
Comments:

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BORING LOG

Sheet 3 of 4

Client: Fehr-Graham & Associates LLC
Project Name: Martinton Rd District Section 07-16121-00-BR
Project Site: Iroquois County, IL

Boring No. B-1
Surface Elev. 632.20
Auger Depth 81' Rotary Depth NA
Start Date 07/12/09 Finish Date 07/13/09

Location: East Abutment
6' Lt. Station 90+80

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bridge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
590.20										
589.20		43								
588.20		44								
587.20		45	15	SS	1.0	6	B	35		
586.20		46								
585.20		47								
584.20		48								
583.20	Stiff Gray Clay	49								
582.20		50	16	SS	1.2	6	B	34		
581.20		51								
580.20		52								
579.20		53								
578.20		54								
577.20		55								
576.20		56	17	SS	1.6	10	B	31		
575.20		57								
574.20		58								
573.20		59								
572.20	Stiff Gray Silty Clay Loam	60								
571.20		61	18	SS	1.6	12	B	30		
570.20		62								

Groundwater Data: **Water level at ground surface due to gas pressure from deep sand deposit.**
Comments:

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BORING LOG

Sheet 4 of 4

Client: Fehr-Graham & Associates LLC
Project Name: Martinton Rd District Section 07-16121-00-BR
Project Site: Iroquois County, IL

Boring No. B-1
Surface Elev. 632.20
Auger Depth 81' Rotary Depth NA
Start Date 07/12/09 Finish Date 07/13/09

Location: East Abutment
6' Lt. Station 90+80

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bridge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
569.20										
568.20		64								
567.20	Very Stiff Gray Silty Clay Loam Till	65								
566.20		66	19	SS	3.7	29	S	13		
565.20		67								
564.20		68								
563.20		69								
562.20		70								
561.20		71	20	SS	---	67	---	---		
560.20	Very Dense Gray Fine To Coarse Sand *(Encountered High Pressure Gas After 71' Depth; Had To Abandon Boring After Penetrating To 81' Depth)*	72								
559.20		73								
558.20		74								
557.20		75								
556.20		76								
555.20		77								
554.20		78								
553.20		79								
552.20		80								
551.20	Bottom of Boring	81								
550.20		82								
549.20		83								

Groundwater Data: **Water level at ground surface due to gas pressure from deep sand deposit.**
Comments:

Note: Boring No. 1 encountered high pressure gas at a depth 71 feet below the existing ground surface. See Special Provisions for Driving Piles.

SOIL BORING LOG #1
S.N. 038-4558

DESIGNED -	A.L.S.
CHECKED -	A.R.K.
DRAWN -	S.A.P.
CHECKED -	A.L.S. & A.R.K.

FEHR-GRAHAM & ASSOCIATES, LLC
ENGINEERING AND SCIENCE CONSULTANTS
FREEPORT, IL ROCKFORD, IL ROCHELLE, IL MONROE, WI SPRINGFIELD, IL
4440 ASH GROVE SPRINGFIELD, IL 62711 (217)-793-8600 www.fehr-graham.com

TWP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55B	07-16121-00-BR	IROQUOIS	33	23
		CONTRACT NO. 87487		
MARTINTON ROAD DIST.	ILLINOIS	F.A. PROJ. BROS-075(145)		