



Project No: 1801-023-110

Log of Borehole B-1

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					0 - 3 PNAs/BETX/pH/PCBs/ RCRA Metals
1		Dark brown clay, very stiff, dry, with fine to medium sand/gravel mix	1	GP	50	13.9	
3		End of Borehole Bedrock at 3'					
4							
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Drilled By: Fox Drilling

Drill Method: Geoprobe

Drill Date: 10/8/98

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MWG13-15_57517



Project No: 1801-023-110

Log of Borehole B-3

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
0-4		Fill Clay/gravel rust staining to 2.75' Dark brown sandy clay, wet	1	GP	90	1.5	0-4 PNAs/BETX/pH/PCBs/ RCRA Metals
4		End of Borehole					
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13							
14							
15							

Drilled By: Fox Drilling

Drill Method: Geoprobe

Drill Date: 10/8/98

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Project No: 1801-023-110

Log of Borehole B-4

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
0 1 2 3 4		Clay (CL) Brown clay with some sand Soft, wet, odor, brick, gravel from 1.75' to 2.25'	1	GP	50	3.2	0 - 4 PNAs/BETX/pH/PCBs/ RCRA Metals
4		End of Borehole					
5 6 7 8 9 10 11 12 13 14 15							

Drilled By: Fox Drilling

Drill Method: Geoprobe

Drill Date: 10/8/98

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Project No: 1801-023-110

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Log of Borehole B-6

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
0 1		Gravel at surface. Dark brown/gray sand, fine-medium Yellow/orange clay, medium stiff, with gravel	1	GP	80	< 1	0 - 2 PNAs/BETX/pH/PCBs/ RCRA Metals
2		End of Borehole					
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Drilled By: Fox Drilling

Drill Method: Geoprobe

Drill Date: 10/8/98

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Project No: 1801-023-110

Log of Borehole B-8

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
1		<i>Fill</i> Gravel at surface. Sand, fine to medium Clay and gravel fill	1	GP	75	< 1	0-3 PNAs/BETX/pH/PCBs/ RCRA Metals
3		End of Borehole					
4		Bedrock at 3'					
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Drilled By: Fox Drilling
Drill Method: Geoprobe
Drill Date: 10/8/98

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Project No: 1801-023-110

Log of Borehole B-9

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
0 to 1		<i>Fill</i> Coal to 1.25', 1" gravel seam, Fine to medium sand/gravel mix	1	GP	75	2.6	0-3 PNAs/BETX/pH/PCBs/ RCRA Metals
1 to 3		End of Borehole Bedrock at 3'					
3 to 15							

Drilled By: Fox Drilling
 Drill Method: Geoprobe
 Drill Date: 10/8/98

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Project No: 1801-023-110

Log of Borehole B-10

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
1		<i>Fill</i> Coal/gravel/clay-black to 1' Brown sand, fine to medium, with gravel	1	GP	90	2.8	0 - 2 PNAs/BETX/pH/PCBs/ RCRA Metals
2		End of Borehole Bedrock at 2'					
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14							
15							

Drilled By: Fox Drilling
 Drill Method: Geoprobe
 Drill Date: 10/9/98

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Project No: 1801-023-110

Log of Borehole B-11

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
1		2" Coal Gravel/Clay/coal mix to 1.5' Brick	1	GP	75	10.7	0-2 PNAs/BETX/pH/PCBs/ RCRA Metals
2		End of Borehole					
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15							

Drilled By: Fox Drilling

Drill Method: Geoprobe

Drill Date: 10/9/98

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Project No: 1801-023-110

Log of Borehole B-12

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
0.5	•••••	Coal	1	GP	80	1.7	PNA's/BETX/pH/PCBs/ RCRA Metals
1		End of Borehole Bedrock at 1'					
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Drilled By: Fox Drilling

Drill Method: Geoprobe

Drill Date: 10/9/98

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Project No: 1801-023-110

Log of Borehole B-13

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
0		Fill Coal/clay/ gravel mix	1	GP	100	120	0 - 3 PNAs/BETX/pH/PCBs/ RCRA Metals
1		End of Borehole					
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Drilled By: Fox Drilling
 Drill Method: Geoprobe
 Drill Date: 10/8/98

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Project No: 1801-023-110

Log of Borehole B-14

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
1		Coal/ brick fragments/ coarse sand with small fines and gravel	1	GP	60	< 1	0 - 2 PNAs/BETX/pH/PCBs/ RCRA Metals
2		End of Borehole Bedrock at 2'					
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Drilled By: Fox Drilling

Drill Method: Geoprobe

Drill Date: 10/8/98

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Project No: 1801-023-110

Log of Borehole B-15

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
0.5		<i>Fill</i> Coal/ brick fragments/ coarse sand	1	GP	75	< 1	0 - 2 PNAs/BETX/pH/PCBs/ RCRA Metals
2		End of Borehole					
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4							
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Drilled By: Fox Drilling

Drill Method: Geoprobe

Drill Date: 10/8/98

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Log of Borehole B-16

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
0.25 1 2 3 4		Fill Coal to 2.75' Brown clay/brick fragments/gravel	1	GP	75	2.4	0 - 4 PNAs/BETX/pH/PCBs/ RCRA Metals
4		End of Borehole					
5		Bedrock at 4'					
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13							
14							
15							

Drilled By: Fox Drilling

Drill Method: Geoprobe

Drill Date: 10/8/98

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Project No: 1801-023-110

Log of Borehole B-17

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
0-2		Fill Coal/ gravel/clay mix	1	GP	100	1.5	0-2 PNAs/BETX/pH/PCBs/ RCRA Metals
2		End of Borehole					
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4							
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6							
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8							
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13							
14							
15							

Drilled By: Fox Drilling

Drill Method: Geoprobe

Drill Date: 10/8/98

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Project No: 1801-023-110

Log of Borehole B-18

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
0.5	☐	Coal	1	GP	50	NA	PNAs/BETX/pH/PCBs/ RCRA Metals
1		End of Borehole					
2		Bedrock at 1'					
3							
4							
5							
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14							
15							

Drilled By: Fox Drilling

Drill Method: Geoprobe

Drill Date: 10/8/98

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Project No: 1801-023-110

Log of Borehole B-19

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					PNAs/BETX/pH/PCBs/ RCRA Metals
0.5		2" Coal 3" gravel 2" yellow-orange, fine sand	1	GP	75	2.3	
1		End of Borehole					
2		Bedrock at 1'					
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4							
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15							

Drilled By: Fox Drilling

Drill Method: Geoprobe

Drill Date: 10/9/98

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Project No: 1801-023-110

Log of Borehole B-20

Project: Phase II Investigation

Client: Commonwealth Edison

Location: Joliet#29 Power Station

Geologist: C. Howell

SUBSURFACE PROFILE			SAMPLE				Lab Analysis
Depth	Symbol	Description / Classification	Number	Type	Recovery(%)	PID Reading	
0		Ground Surface					
1		Coal to .5' Clay/gravel mix to 1'	1	GP	60	2.0	0 - 2 PNAs/BETX/pH/PCBs/ RCRA Metals
2		End of Borehole					
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4							
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14							
15							

Drilled By: Fox Drilling
 Drill Method: Geoprobe
 Drill Date: 10/9/98

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