

LOG OF BORING B - 08

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 432.0 Feet (Approximate)

Date Drilled: 1/16/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
0				TOPSOIL				
430		16/18		Gray FLYASH, FILL			25	
5		15/18		-with Bottom Ash below 4.0 Feet		1.3 Qp	32	
425		17/18		Dark Gray BOTTOM ASH, with Flyash, FILL			15	
10		17/18	CL	Dark Gray Silty CLAY, trace Bottom Ash, FILL		4.5 Qp	17	
420		13/18	CL-ML	Brown Clayey SILT		1.3 Qp	25	
15		18/18		-Gray-Brown below 17.0 feet		0.8 Qp	27	
415			TD - 20.0 Feet					
20								
410								
25								
405								
30								

Notes:

GROUNDWATER

- ▽ First Observed During Drilling - Dry
- ▽ At Completion - Dry

Piezometer Installed: No



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BORING LOG 2554GINTFILE.GPJ SHIVELY.GDT 4/21/03

LOG OF BORING B - 09

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 424.5 Feet (Approximate)

Date Drilled: 3/26/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./ft.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
0				TOPSOIL				
		13/18	CL	Dark Brown Sandy CLAY		1.2 Qp	20	
420 -5		7/24	SM	Gray-Brown Silty SAND			5	
		18/18				1.0 Qp	24	
415 -10		20/24	CH	Dark Gray-Brown CLAY	84	0.8 Qp	37	
			SP	Gray-Brown Fine SAND				
410 -15		13/18					3	
405 -20		18/18					15	
400 -25					TD - 20.0 Feet			
395 -30								

Notes:

GROUNDWATER

- First Observed During Drilling - Dry
- At Completion - Not Recorded

Piezometer Installed: No



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LOG OF BORING B - 10

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 423.5 Feet (Approximate)

Date Drilled: 3/28/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: HSA and Mud Rotary
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks	
0				TOPSOIL Dark Brown Silty CLAY					
420		16/18	CL			0.75	26		
-5		15/18			-Gray-Brown below 5.5 Feet		1.3	23	
415				SM	Gray Fine SAND, with Silt				
410			18						Began Mud Rotary at 15.0 Feet
-15				SM	Dark Gray-Brown Silty SAND				
405			18/18						
-20			SM	Dark Gray Fine SAND, with Silt					
400		24			92		30		
-25			SP	Dark Gray Fine SAND					
395		13/18							
-30									

(continued)

Notes:

GROUNDWATER

- First Observed During Drilling - N/A
- At Completion - N/A

Piezometer Installed: No



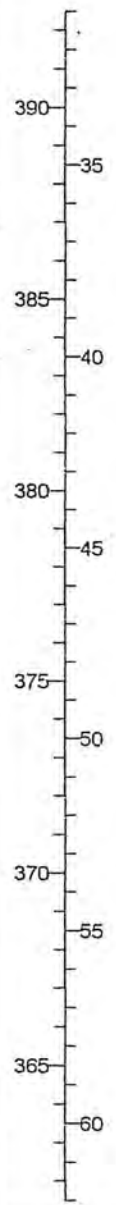

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BORING LOG 2554GINTFILE.GPJ SHIVELY.GDT 4/24/03

LOG OF BORING B - 10 (Cont.)

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 423.5 Feet (Approximate)

Date Drilled: 3/28/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: HSA and Mud Rotary
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
		<p>16/18</p> <p>18/18</p> <p>10/18</p>	<p>CH</p> <p>SP</p> <p>TD - 45.0 Feet</p>	<p>Dark Gray CLAY</p> <p>Dark Gray Fine SAND</p> <p>- Gray below 42.0 Feet</p>			<p>33</p> <p>40</p>	

Notes:

GROUNDWATER First Observed During Drilling - N/A
 At Completion - N/A

Piezometer Installed: No



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BORING LOG 2554\GINTFILE.GPJ SHIVELY.GDT 4/24/03

LOG OF BORING B - 13

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 449 Feet (Approximate)

Date Drilled: 1/16/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks	
0				TOPSOIL					
		1 3 3	12/18	Gray FLYASH, FILL		1.2 Qp	26		
445		7 12 17	9/18					24	
-5			14/17		-trace Bottom Ash below 5.5 Feet			29	
440		3 4 4	12/18					34	
-10									
435	4 5 5	17/18				0.5 Qp	28		
-15									
430	2 5 6	NSD/18				1.8 Qp	37		
-20				TD - 15.0 Feet					
425									
-25									
420									
-30									

Notes:

GROUNDWATER

- ∇ First Observed During Drilling - Dry
- ∇ At Completion - Dry
- ∇ 1 days After Completion - Dry
- ∇ 5 days After Completion - dry
- Piezometer Installed: No



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BORING LOG 2554GINTFILE.GPJ SHIVELY.GDT 4/24/03

LOG OF BORING B - 14

Project Name: Dynege Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 448.5 Feet (Approximate)

Date Drilled: 1/17/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>0</p> <p>445</p> <p>-5</p> <p>440</p> <p>-10</p> <p>435</p> <p>-15</p> <p>430</p> <p>-20</p> <p>425</p> <p>-25</p> <p>420</p> <p>-30</p> </div> <div style="flex: 1;"> </div> </div>	<p>13/18</p> <p>14/18</p> <p>13/24</p> <p>14/18</p> <p>13/18</p> <p>17/18</p>	<p></p> <p></p> <p></p> <p></p> <p></p> <p></p>	<p>TOPSOIL</p> <p>Gray FLYASH, FILL</p> <p></p> <p></p> <p>Dark Gray FLYASH and BOTTOM ASH, FILL</p> <p>TD - 20.0 Feet</p>	<p></p> <p>60</p> <p></p> <p>1.6 Qp</p> <p>0.5 Qp</p> <p>0.5 Qp</p>	<p></p> <p></p> <p></p> <p>38</p> <p>43</p> <p>40</p>	<p>22</p> <p>25</p> <p>28</p> <p></p> <p></p>	<p></p> <p></p> <p></p> <p></p> <p></p>	

Notes:

GROUNDWATER

- First Observed During Drilling - Dry
- At Completion - Dry
- 4 days After Completion - Dry
- Piezometer Installed: No




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BORING LOG 2554GINTFILE.GPJ SHIVELY.GDT 4/21/03

LOG OF BORING B - 16

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 440 Feet (Approximate)

Date Drilled: 1/17/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
440 - 0				TOPSOIL				
		14/18		Gray FLYASH, trace Bottom Ash, FILL		1.7 Qp	30	
435 - 5		15/18				0.7 Qp	32	
		18/18				1.4 Qp	30	
430 - 10		15/24			54		44	
				TD - 10.0 Feet				
425 - 15								
420 - 20								
415 - 25								
410 - 30								

Notes:

GROUNDWATER

- First Observed During Drilling - Dry
- At Completion - Dry
- 4 days After Completion - Dry
- Piezometer Installed: No



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LOG OF BORING B - 17

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 440 Feet (Approximate)

Date Drilled: 1/17/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
440-0		18/18		TOPSOIL Gray FLYASH, trace Boiler Slag, FILL		0.9 Qp	29	
435-5		22/24		Gray BOTTOM ASH and BOILER SLAG, trace Flyash, FILL	86		11	
430-10		18/18		Gray FLYASH, FILL -with Bottom Ash 5.5 to 8.0 Feet		0.9 Qp	58	
425-15		18/18		TD - 10.0 Feet		2.4 Qp	45	
420-20								
415-25								
410-30								

Notes:

GROUNDWATER

- ▽ First Observed During Drilling - 6.0 Feet
 - ▽ At Completion - Dry
 - ▽ 4 days After Completion - Dry
- Piezometer Installed: No



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BORING LOG 2554GINTFILE.GPJ SHIVELY.GDT 4/21/03

LOG OF BORING B - 18

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 442.5 Feet (Approximate)

Date Drilled: 1/17/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>0</p> <p>440</p> <p>5</p> <p>435</p> <p>10</p> <p>430</p> <p>15</p> <p>425</p> <p>20</p> <p>420</p> <p>25</p> <p>415</p> <p>30</p> </div> <div style="flex: 1; text-align: center;"> </div> </div>				Base ROCK, FILL				
		10/18		Brown Silty CLAY, with Sand, Crushed Limestone, FILL			5	
		8/18		Gray BOTTOM ASH, with Flyash, FILL		3.2 Qp	16	
		17/18				4.5+ Qp	19	
		23/24			78		20	
				TD - 10.0 Feet				

Notes:

GROUNDWATER

- First Observed During Drilling - Dry
- At Completion - Dry
- 4 days After Completion - Dry
- Piezometer Installed: No



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LOG OF BORING B - 19

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 440 Feet (Approximate)

Date Drilled: 1/17/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
440-0				Base ROCK, FILL				
435-5		17/24		Gray FLYASH, FILL -with Crushed Limestone to 4.0 Feet	68		35	
430-10		16/18				0.3 Qp	43	
425-15		14/18					43	
420-20		17/18				0.5 Qp	46	
415-25		16/18	SP	Gray-Brown Fine SAND				
410-30				TD - 15.0 Feet				

Notes:

GROUNDWATER

- ▽ First Observed During Drilling - 8.5 Feet
- ▽ At Completion - Dry
- ▽ 4 days After Completion - Dry
- Piezometer Installed: No



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BORING LOG 2554GINTFILE.GPJ SHIVELY.GDT 4/21/03

LOG OF BORING B - 20

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 435 Feet (Approximate)

Date Drilled: 3/28/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
435 0 430 5 425 10 420 15 415 20 410 25 405 30		 13/18 16/18 14/18 13/18	 SP 	Brown Silty CLAY, trace Sand, Gravel, FILL Gray-Brown Fine to Medium SAND -Fine to Coarse Grained below 8.0 Feet TD - 10.0 Feet	 	 3.0 Qp 	 20 8 7 3	

Notes:

GROUNDWATER

First Observed During Drilling - NSD
 At Completion - NSD

Piezometer Installed: No



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BORING LOG 2554\GINTFILE.GPJ SHIVELY.GDT 4/21/03

LOG OF BORING B - 21

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 440 Feet (Approximate)

Date Drilled: 3/11/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
440—0 435—5 430—10 425—15 420—20 415—25 410—30		13/18 10/18 15/18 17/18 16/18 16/18		Dark Gray FLYASH, FILL -trace Bottom Ash 3.0 to 5.5 Feet -with Bottom Ash 5.5 to 8.0 feet CL Dark Gray-Brown Silty CLAY, Possible FILL TD - 20.0 Feet		0.9 Qp 1.2 Qp 1.0 Qp 1.6 Qp	29 43 17 60 56 27	

Notes:

GROUNDWATER
 ∇ First Observed During Drilling - 8.5 Feet
 ∇ At Completion - Dry
 Piezometer Installed: No

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BORING LOG 2554.GINTFILE.GPJ SHIVELY.GDT 4/21/03

LOG OF BORING B - 22

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 437.5 Feet (Approximate)

Date Drilled: 3/11/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
0		10/18		TOPSOIL Very Dark Gray FLYASH, FILL -trace Bottom Ash to 5.5 Feet		2.1 Qp	42	
435		24/24			70	1.2 Qp	36	
-5		8/18		-Dark Gray, with Boiler Slag 5.5 to 8.0 Feet		0.8 Qp	18	
430		24/24		-Gray below 8.0 Feet	60		58	
-10		18/18				1.2 Qp	24	
425		18/18		CL Dark Gray-Brown Silty CLAY		1.9 Qp	28	
-15		18/18		CH Gray-Brown CLAY		1.8 Qp	46	
420		18/18						
-20		18/18						
415		18/18						
-25				TD - 25.0 Feet				
410								
-30								

Notes:

GROUNDWATER

- ▽ First Observed During Drilling - Dry
- ▽ At Completion - 18.5 Feet

Piezometer Installed: No



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BORING LOG 2554GINTFILE.GPJ SHIVELY.GDT 4/21/03

LOG OF BORING B - 23

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 436 Feet (Approximate)

Date Drilled: 3/11/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks	
0		14/18		TOPSOIL			45		
435		11/18		Gray FLYASH, FILL			48		
5		23/24				63		46	
430		15/18	CL	Dark Gray-Brown Silty CLAY		1.4 Qp	22		
10		18/18				0.5 Qp	27		
425	17/18						25		
15				TD - 20.0 Feet					
420									
20									
415									
25									
410									
30									
405									

Notes:

GROUNDWATER

- ▽ First Observed During Drilling - Dry
- ▽ At Completion - 13.0 Feet

Piezometer Installed: No

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BORING LOG 2554.GINT\FILE.GPJ SHIVELY.GDT 4/21/03

LOG OF BORING B - 24

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 428 Feet (Approximate)

Date Drilled: 3/11/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks	
0		14/18		TOPSOIL Dark Gray FLYASH, FILL			58	No Recovery in Shelby Tube, Pushed Split-Spoon Sampler	
425		7/18		-trace Bottom Ash 3.0 to 5.5 Feet			36		
5		12/18		-with Bottom Ash below 5.5 Feet			25		
420			24/24	SC	Dark Gray-Brown Fine SAND, with Clay	108	0.5 Qp	25	CU
415			16/18	CL	Dark Gray-Brown Silty CLAY			29	
410			15/18	CH	Dark Gray CLAY		0.8 Qp	47	
405			18/18		TD - 25.0 Feet			51	
400									
30									

Notes:

GROUNDWATER

- ▽ First Observed During Drilling - Dry
- ▽ At Completion - 6.7 Feet

Piezometer Installed: No



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BORING LOG 2554GINTFILE.GPJ SHIVELY.GDT 4/24/03

LOG OF BORING B - 25

Project Name: Dynege Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 428 Feet (Approximate)

Date Drilled: 3/11/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks	
0		9/18		Dark Gray FLYASH, trace Bottom Ash, FILL		0.2 Qp	46		
425		16/18	CL	Dark Brown Silty CLAY, with Sand			25		
5		24/24				110	0.4 Qp	22	
420		17/18	SM	Gray-Brown Silty SAND				30	
10		16/18	CL	Dark Gray Silty CLAY, with Sand			0.2 Qp	28	
415		17/18	CH	Dark Gray-Brown CLAY				51	
15					TD - 20.0 Feet				
410									
20									
405									
25									
400									
30									

Notes:

GROUNDWATER ▽ First Observed During Drilling - Dry
 ▽ At Completion - 7.3 Feet

Piezometer Installed: No



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BORING LOG 2554GINTFILE.GPJ SHIVELY.GDT 4/21/03

LOG OF BORING B - 26

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 424 Feet (Approximate)

Date Drilled: 3/13/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks	
0		11/18	CL	TOPSOIL Dark Brown Silty CLAY -with Roots to 3.0 Feet		0.75 Qp	18		
420		14/24	SC	-with Sand below 3.0 Feet Dark Brown Clayey SAND	98	1.0 Qp	24		
415		12/18	ML	Gray-Brown SILT, with Clay, Sand	95	1.0 Qp	17		
410		9/18	SM	Gray SAND, with Silt			28		
405		16/18	CL-CH	Dark Gray Silty CLAY			35		
400		12/18	SP	Gray Fine SAND TD - 25.0 Feet			34		
395									
390									

Notes:

GROUNDWATER

- ▽ First Observed During Drilling - Dry
- ▽ At Completion - Dry

Piezometer Installed: No



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BORING LOG 2554\GINT\FLE.GPJ SHIVELY.GDT 4/21/03

LOG OF BORING B - 27

Project Name: Dynegy Rail Loop
Project Location: Wood River, Illinois
Project Number: SG9-2554
Elevation: 424 Feet (Approximate)

Date Drilled: 3/13/03
Drilling Contractor: Meyer Drilling, Inc.
Drilling Method: Hollow Stem Auger
Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
0				TOPSOIL				
		14/18	CL	Dark Gray Brown Silty CLAY		3.8 Qp	19	
420		13/18		-Dark Brown, trace Sand 3.0 to 5.5 Feet			25	
5		21/24		-Gray-Brown below 5.5 Feet	96			
415		15/18	CH	Gray-Brown CLAY		1.2 Qp	25	
10		13/18	SC	Gray-Brown Fine SAND, with Clay		1.2 Qp	29	
410		13/18				0.75 Qp	25	
15	14/18	SP	Gray-Brown Fine SAND				3	
405			TD - 20.0 Feet					
20								
400								
25								
395								
30								

Notes:

GROUNDWATER

- ▽ First Observed During Drilling - Dry
- ▼ At Completion - Dry

Piezometer Installed: No



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LOG OF BORING B - 28

Project Name: Dynegy Rail Loop
 Project Location: Wood River, Illinois
 Project Number: SG9-2554
 Elevation: 424 Feet (Approximate)

Date Drilled: 3/13/03
 Drilling Contractor: Meyer Drilling, Inc.
 Drilling Method: Hollow Stem Auger
 Logged By: Meyer/Kinsella

Elevation/ Depth (feet)	Graphic Log Sampler Symbols and SPT Blows	Rec. (in./in.)	USCS	Description	DD (pcf)	UCS (tsf)	MC (%)	Remarks
0				TOPSOIL				
		17/18	CL	Dark Brown Silty CLAY		0.75 Qp	26	
420		15/24		-Dark Gray-Brown below 3.0 Feet	98	0.75 Qp	24	
5		18/18				1.2 Qp	26	
415		18/24	SC	Gray-Brown Clayey SAND	103	0.5 Qp	17	
10		16/18	SP	Gray-Brown Fine SAND			3	
410		18/18					4	
405	17/18			-Fine to Medium Grained below 22.0 Feet			14	
400				TD - 25.0 Feet				
395								
30								

Notes:

GROUNDWATER ▽ First Observed During Drilling - Dry
 ▽ At Completion - Dry

Piezometer Installed: No

















Missouri (314) 770-1001
 Illinois (618) 398-1414

BORING LOG 2554GINTFILE.GPJ SHIVELY.GDT 4/21/03

KEY TO SYMBOLS

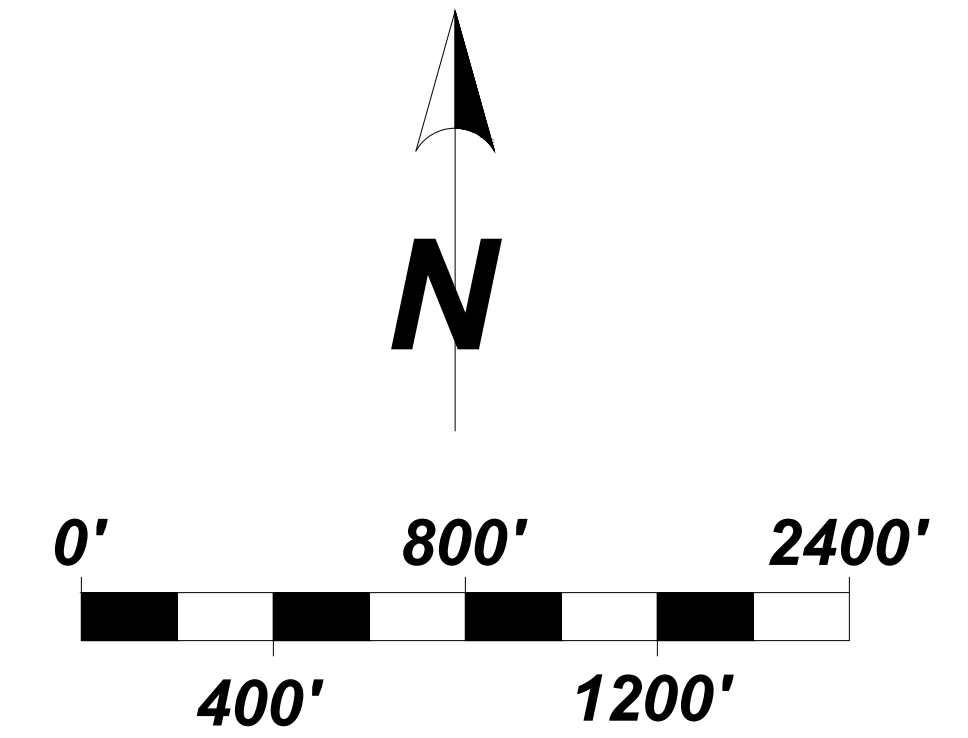
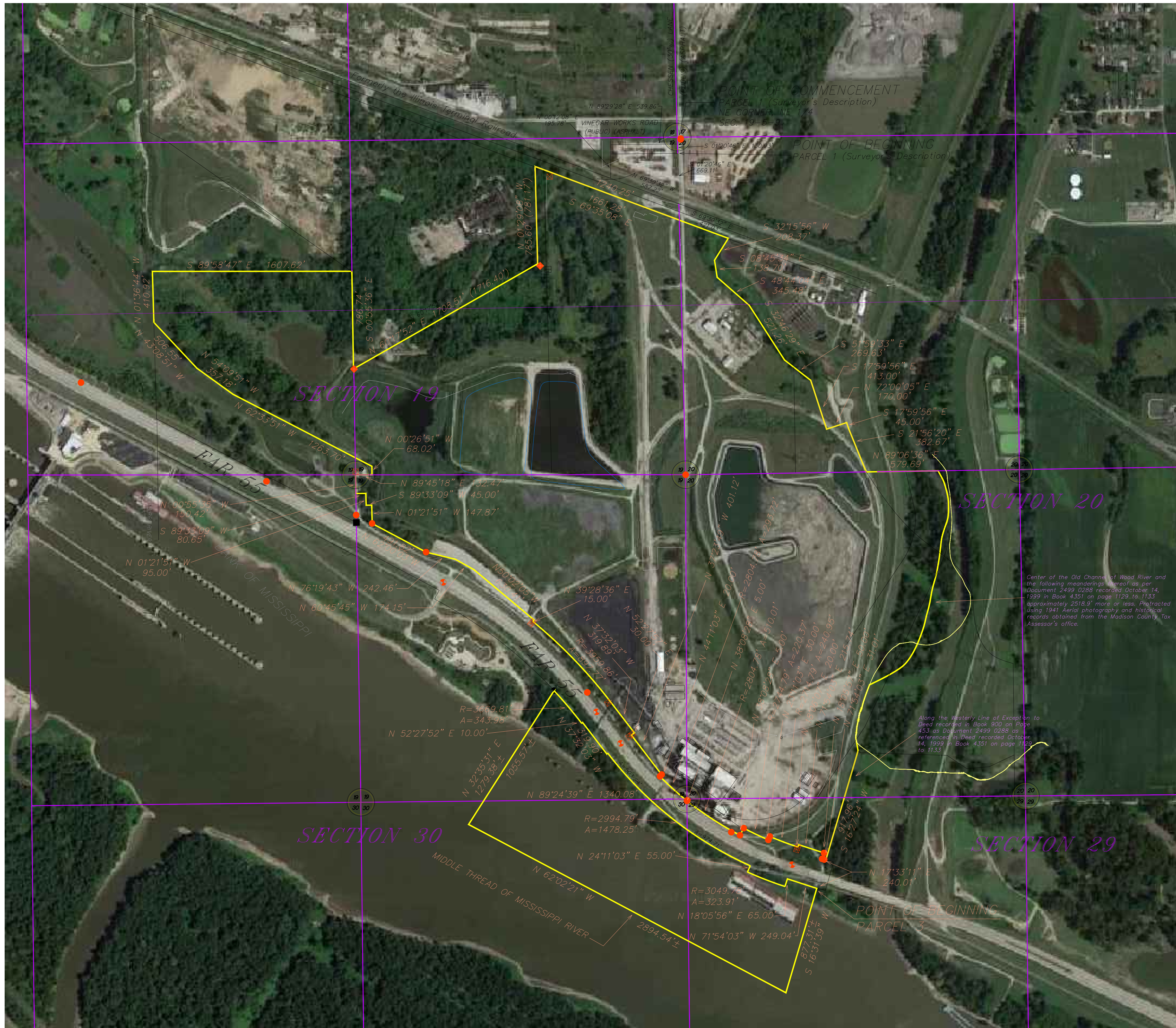
Strata Symbols

 Base Rock	 USCS Low to High Plasticity Clay
 Fill	 Flyash
 USCS Low Plasticity Silty Clay	 Bottom Ash and/or Boiler Slag
 USCS High Plasticity Clay	 USCS Low Plasticity Clayey Silt
 USCS Poorly-graded Sand	 USCS Low Plasticity Sandy Clay
 Topsoil	 USCS Clayey Sand
 USCS Silty Sand	 USCS Sandy Silt

Soil Samplers

 Split Spoon	 Grab Sample
	

DD - Dry Density
Qp - Pocket Penetrometer
USCS - Unified Soil Classification System
UCS - Unconfined Compressive Strength
MC - Moisture Content
LL - Liquid Limit
PL - Plastic Limit
PI - Plasticity Index
HYD - Hydrometer Test Performed
CU - Consolidated Undrained Triaxial Test Performed
G_s - Specific Gravity
NSD - Non-supplied Data



Legend

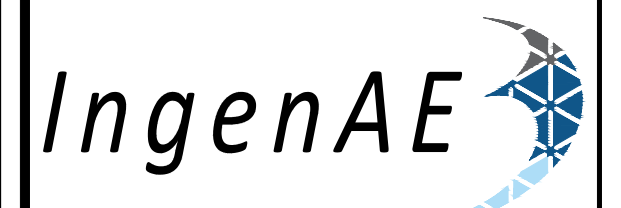
- Found Iron Monument
- Found Stone
- ⊠ Found Right-of-Way Monument

Notes

The East Property line protracted based upon material provided by client, material provided by the United States Corps of Engineers, researched and documentation and obtained from the Madison County Recorder's and Tax Assessor's records. It appears the current channel alignment is based upon work performed by the Corps of Engineers to execute plans relating to the Wood River Drainage and Levee District dated August 6, 1947. The "old" channel as depicted hereon as called out in the current deed is based on the prior alignment of the channel as underlayed from the 1941 Aerial Photography provided by the United States Corps of Engineers which was matched the property boundary alignment as protracted on the current Madison County Tax Assessor's original map. The remaining configuration of said East Line is as per previous ALTA surveys provided by the client.

The South Line of the property boundary protracted hereon is based upon material provided by the Illinois Department of Transportation on an Existing Right-of-Way Survey the field work which was completed in October, 2015 and staked in May, 2016.

The remaining configuration of the property boundary as protracted hereon is as per previous ALTA surveys provided by the client.



514 Earth City Plaza
 Earth City, MO 63045
 www.ingenae.com

Submissions / Revisions:	Date:
1	
2	
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10	
11	
12	
13	

Project Name & Location:
Wood River Power Station

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Drawing Name:
Wood River

Property Exhibit

Date:	Project No.
12-11-17	
Type:	Drawing No.
Drawn By:	1
Approved By:	
	OF 1
Scale:	
1" = 400'	