

Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	2B	VHF	120'	264"	20'	8	Penetrate Coal Pillar	5-5-5

Top View

Second set of Miner to Miner Tests performed at in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

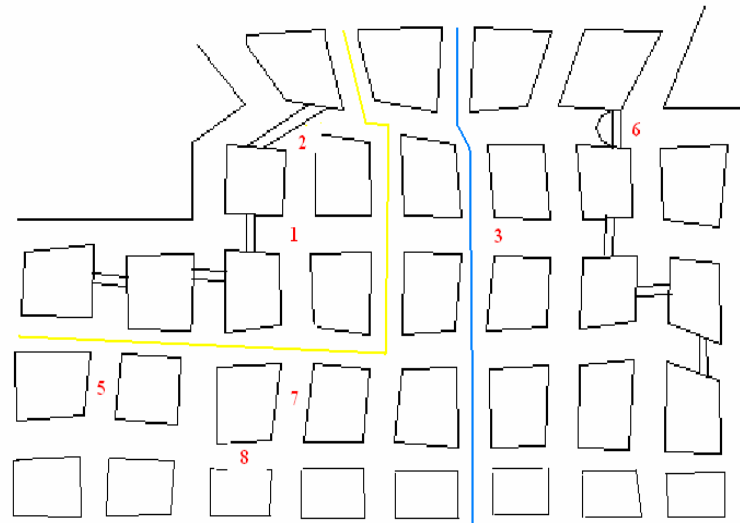
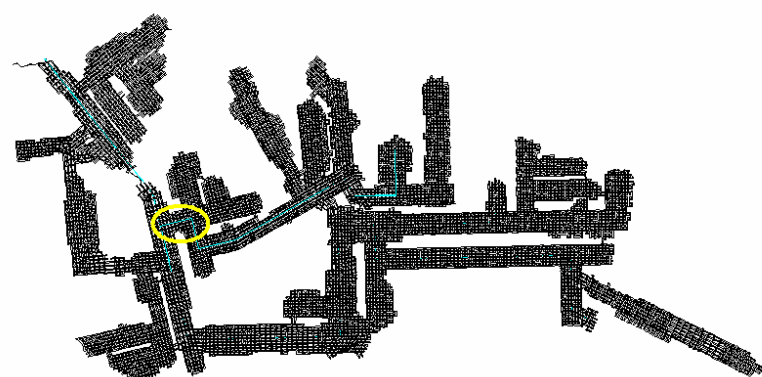
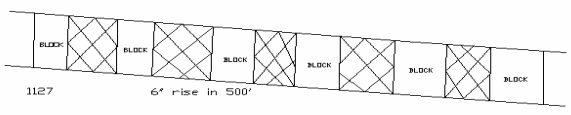
Test Site = 2B

Relative Mine Location

Side Elevation

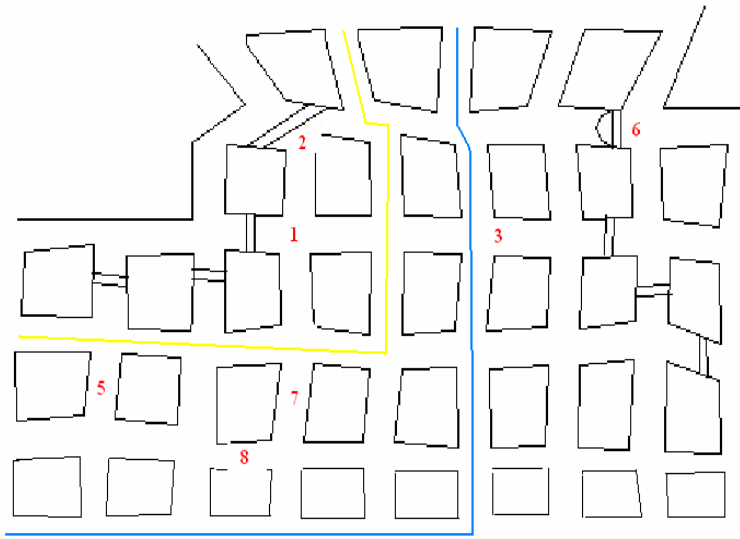
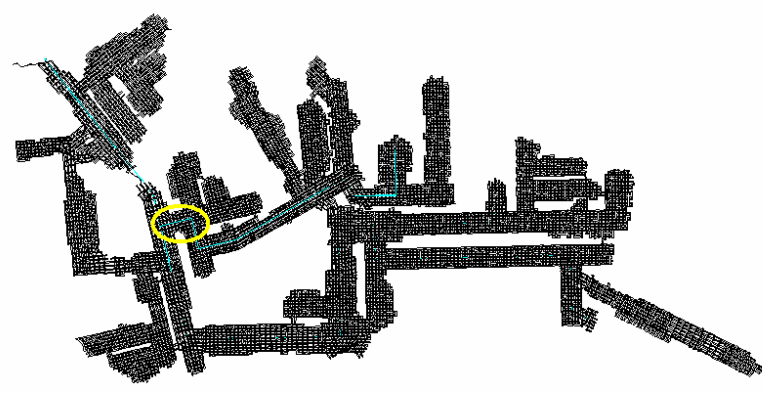
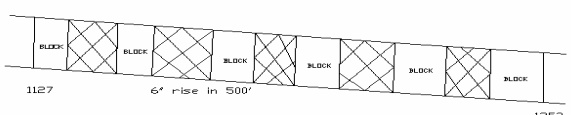
Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	1A	VHF	70'	84"	20'	1	Uninterrupted line of site	4-3-4	6,300'	6

<p>Top View</p> 	<p>Relative Mine Location</p> 
<p>First set of Miner to Communication Center Tests performed at in 7' seam.</p> <p>Yellow = Leaky Coax Blue = Belt Red Numbers = Test Number relative to actual position.</p> <p>Test Site = 1A</p>	<p>Side Elevation</p> 

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E
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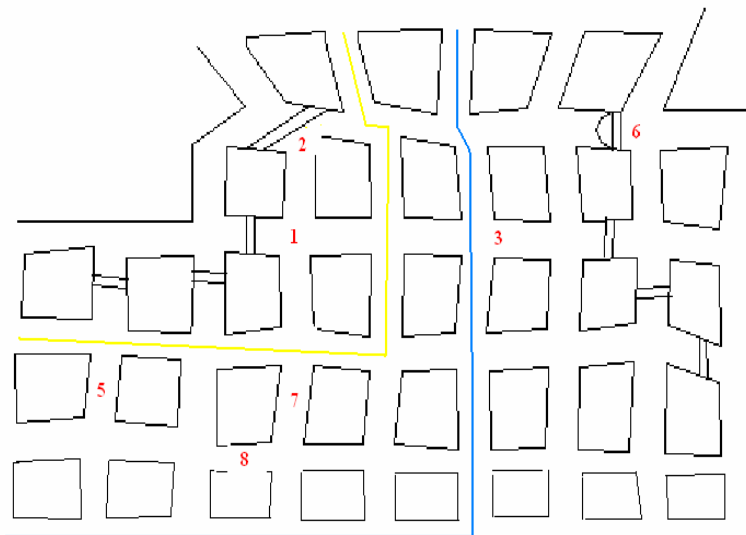
Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	1A	VHF	40'	84"	20'	2	Curvature/no line of site	4-4-4	6,300'	6

<p>Top View</p>  <p>First set of Miner to Communication Center Tests performed at in 7' seam.</p> <p>Yellow = Leaky Coax Blue = Belt Red Numbers = Test Number relative to actual position.</p> <p>Test Site = 1A</p>	<p>Relative Mine Location</p>  <p>Side Elevation</p> 
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Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E
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Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	1A	VHF	140'	84"	20'	3	Belt between trancievers	1-1-1	6,300'	6

Top View



First set of Miner to Communication Center Tests performed at in 7' seam.

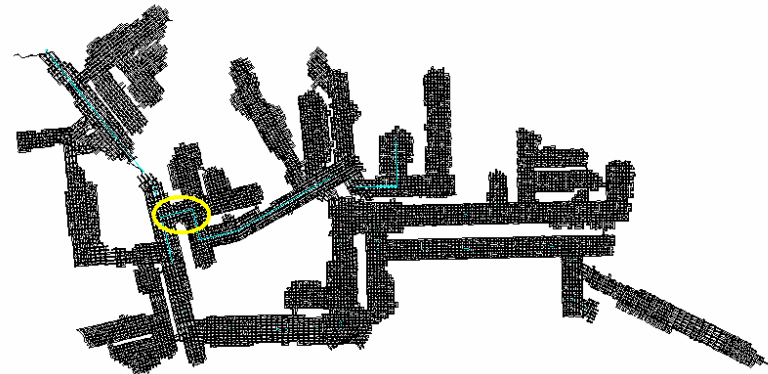
Yellow = Leaky Coax

Blue = Belt

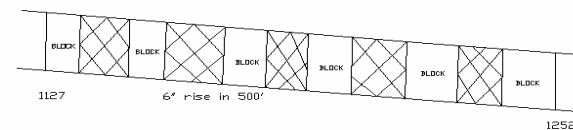
Red Numbers = Test Number relative to actual position.

Test Site = 1A

Relative Mine Location



Side Elevation



Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	1A	VHF	40'	84"	20'	5	Wire Mesh Roof	5-5-5	6,300'	6

Top View

First set of Miner to Communication Center Tests performed at in 7' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position.

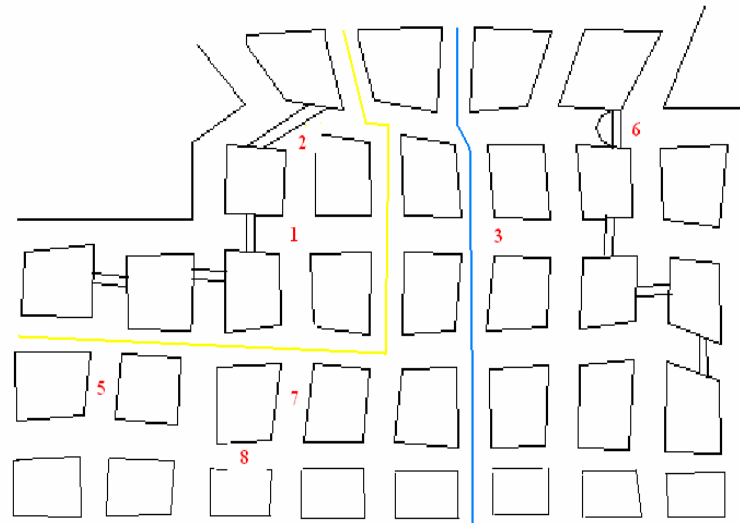
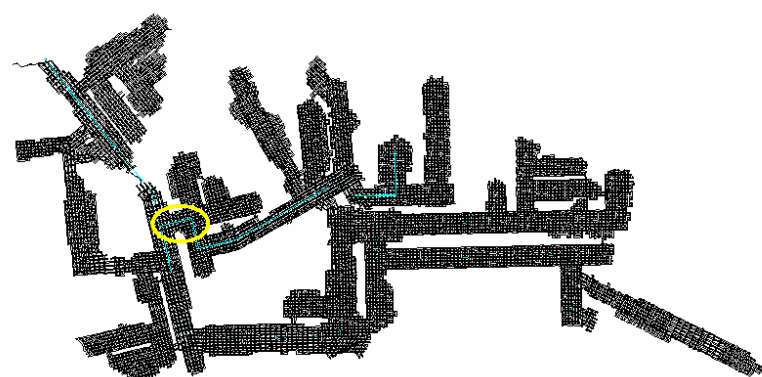
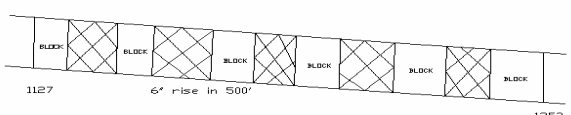
Test Site = 1A

Relative Mine Location

Side Elevation

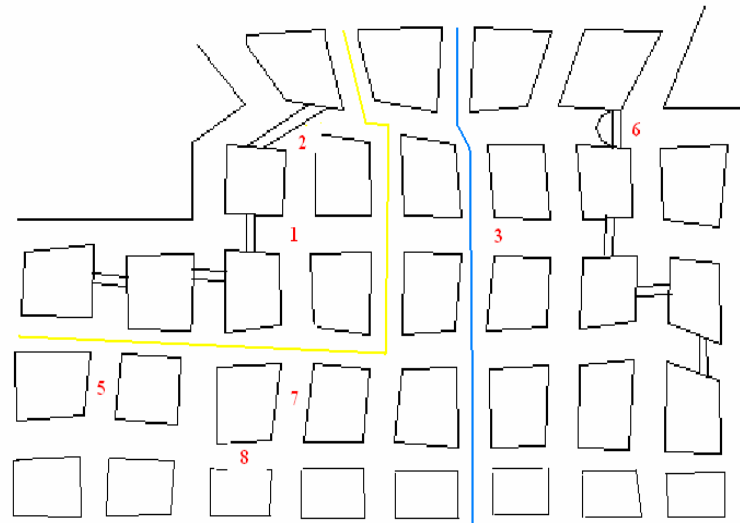
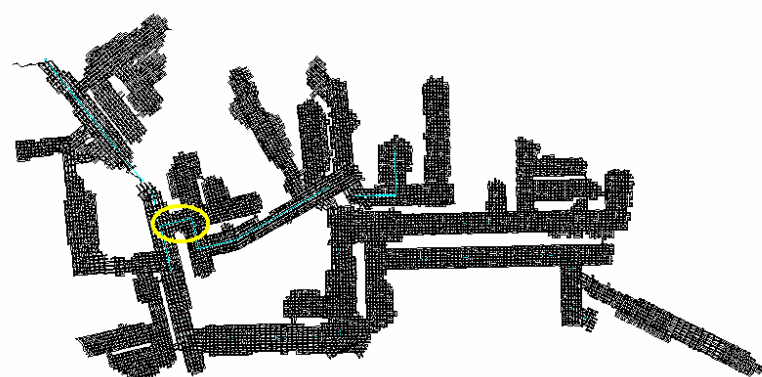
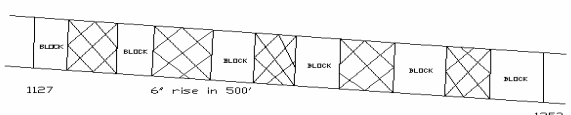
Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	1A	VHF	300'	84"	20'	6	Blocked by stopping	1-1-1	6,300'	6

<p>Top View</p>  <p>First set of Miner to Communication Center Tests performed at in 7' seam.</p> <p>Yellow = Leaky Coax Blue = Belt Red Numbers = Test Number relative to actual position.</p> <p>Test Site = 1A</p>	<p>Relative Mine Location</p>  <p>Side Elevation</p> 
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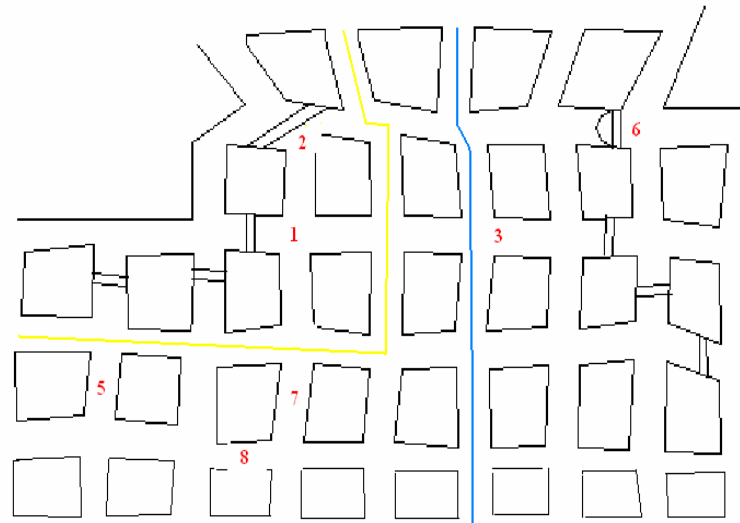
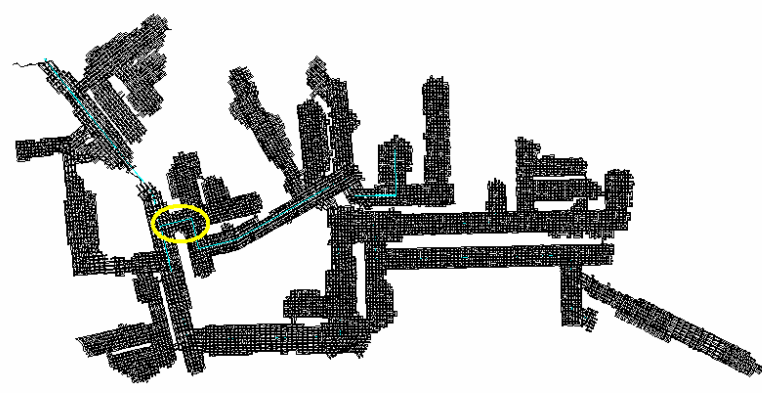
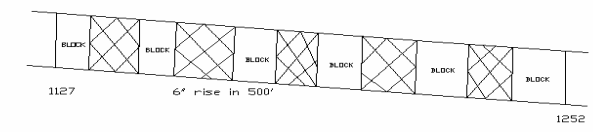
Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	1A	VHF	50'	84"	20'	7	High Voltage Line Parallel	5-4-5	6,300'	6

<p>Top View</p>  <p>First set of Miner to Communication Center Tests performed at in 7' seam.</p> <p>Yellow = Leaky Coax Blue = Belt Red Numbers = Test Number relative to actual position.</p> <p>Test Site = 1A</p>	<p>Relative Mine Location</p>  <p>Side Elevation</p> 
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Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	1A	VHF	100'	84"	20'	8	Penetrate Coal Pillar	1-1-1	6,300'	6

<p>Top View</p> 	<p>Relative Mine Location</p> 
<p>First set of Miner to Communication Center Tests performed at in 7' seam.</p> <p>Yellow = Leaky Coax Blue = Belt Red Numbers = Test Number relative to actual position.</p> <p>Test Site = 1A</p>	<p>Side Elevation</p> 

<p>Name of Mine Remington Mine / Magnum Coal</p>	<p>Date of Testing June 27, 2007</p>	<p>Certifying Engineer John Rinehart P.E.</p>
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	1B	VHF	400'	84"	20'	1	Uninterrupted Line of Site	5-5-5

Top View

First set of Miner to Miner Tests performed at in 7' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

Test Site = 1B

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	1B	VHF	150'	84"	20'	2	Curvature/no line of sight	5-5-5

Top View

First set of Miner to Miner Tests performed at in 7' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

Test Site = 1B

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	1B	VHF	400'	84"	20'	3	Belt between transceivers	5-4-4

Top View

First set of Miner to Miner Tests performed at in 7' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

Test Site = 1B

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	1B	VHF	150'	84"	20'	5	Wire Mesh Roof	5-5-5

Top View

First set of Miner to Miner Tests performed at in 7' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

Test Site = 1B

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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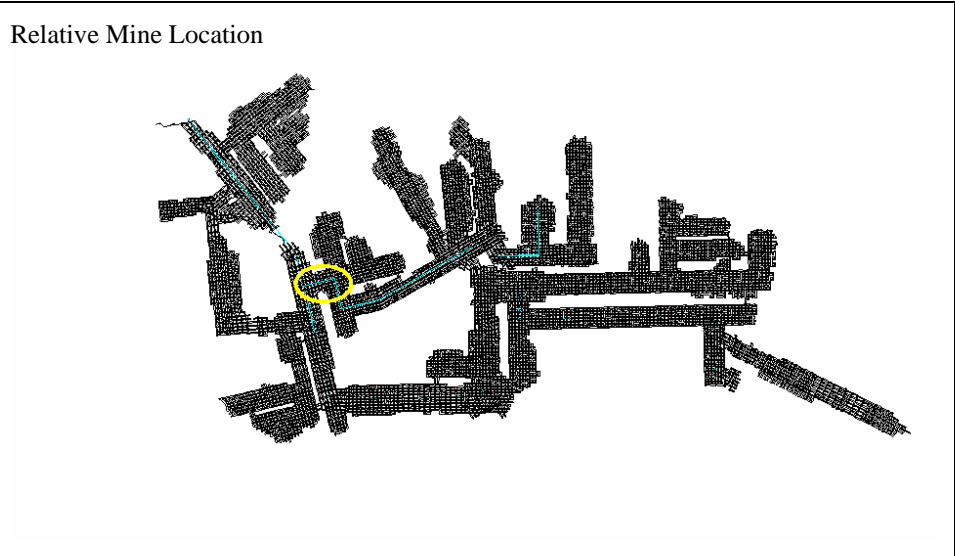
Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	1B	VHF	100'	84"	20'	6	Blocked by stopping	5-5-5

Top View

First set of Miner to Miner Tests performed at in 7' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

Test Site = 1B



Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	1B	VHF	200'	84"	20'	7	Parallel High Line	5-5-5

Top View

First set of Miner to Miner Tests performed at in 7' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

Test Site = 1B

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	1B	VHF	120'	84"	20'	8	Penetrate Coal Pillar	4-4-4

Top View

First set of Miner to Miner Tests performed at in 7' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

Test Site = 1B

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	2A	VHF	150'	264"	20'	1	Uninterrupted line of site	5-5-5	3200'	3

Top View



Second set of Miner to Communication Center Tests performed in 22' seam.

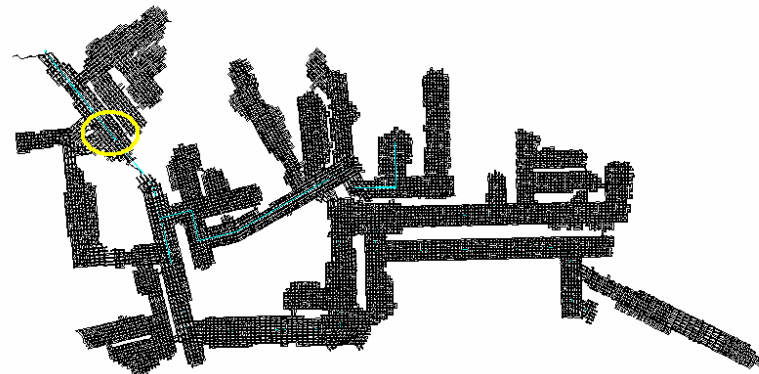
Yellow = Leaky Coax

Blue = Belt

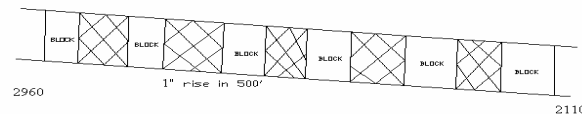
Red Numbers = Test Number relative to actual position.

Test Site = 2A

Relative Mine Location



Side Elevation



Name of Mine
Remington Mine / Magnum Coal

Date of Testing
June 27, 2007

Certifying Engineer
John Rinehart P.E

Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	2A	VHF	150'	264"	20'	3	Belt between trancievers	5-5-5	3200'	3

Top View

Second set of Miner to Communication Center Tests performed in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position.

Test Site = 2A

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E
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Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	2A	VHF	100'	264"	20'	4	Metal Overcast	5-5-5	3200'	3

Top View

Relative Mine Location

Second set of Miner to Communication Center Tests performed in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position.

Test Site = 2A

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E
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Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	2A	VHF	150'	264"	20'	5	Wire Mesh Roof	5-5-5	3200'	3

Top View

Second set of Miner to Communication Center Tests performed in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position.

Test Site = 2A

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E
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Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	2A	VHF	60'	264"	20'	6	Blocked by stopping	4-4-4	3200'	3

Top View

Second set of Miner to Communication Center Tests performed in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position.

Test Site = 2A

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E
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Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	2A	VHF	70'	264"	20'	7	Parallel High Line	5-5-5	3200'	3

Top View

Second set of Miner to Communication Center Tests performed in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position.

Test Site = 2A

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E
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Equipment System/Miner	Test Site	Comm Type	Distance from Backbone or Node	Entry/Crosscut Conditions				SIO Score	Distance from Surface Comm-Center	Number Amps/Nodes to Surface Comm-Center
				Height inches	Width feet	Scenario	Notes			
MST VHF Leaky Feeder	2A	VHF	120'	264"	20'	8	Penetrate Coal Pillar	5-5-5	3200'	3

Top View

Second set of Miner to Communication Center Tests performed in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position.

Test Site = 2A

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	2B	VHF	400'	264"	20'	1	Uninterrupted Line of Sight	5-5-5

Top View

Second set of Miner to Miner Tests performed in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

Test Site = 2B

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	2B	VHF	400'	264"	20'	3	Belt between transceivers	5-5-5

Top View

Second set of Miner to Miner Tests performed in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

Test Site = 2B

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	2B	VHF	200'	264"	20'	4	Metal Overcast	5-5-5

Top View

Second set of Miner to Miner Tests performed in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

Test Site = 2B

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	2B	VHF	400'	264"	20'	5	Wire Mesh Roof	5-5-5

Top View

Second set of Miner to Miner Tests performed in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

Test Site = 2B

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	2B	VHF	100'	264"	20'	6	Blocked by Stopping	5-5-5

Top View

Second set of Miner to Miner Tests performed at in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

Test Site = 2B

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	2B	VHF	300'	264"	20'	7	Parallel High Line	5-5-5

Top View

Second set of Miner to Miner Tests performed at in 22' seam.

Yellow = Leaky Coax
Blue = Belt
Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.

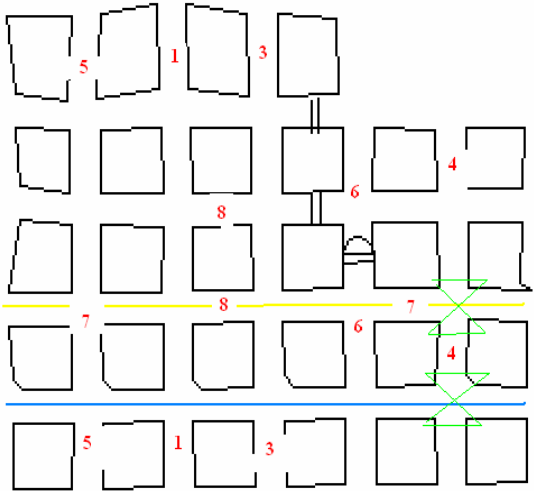
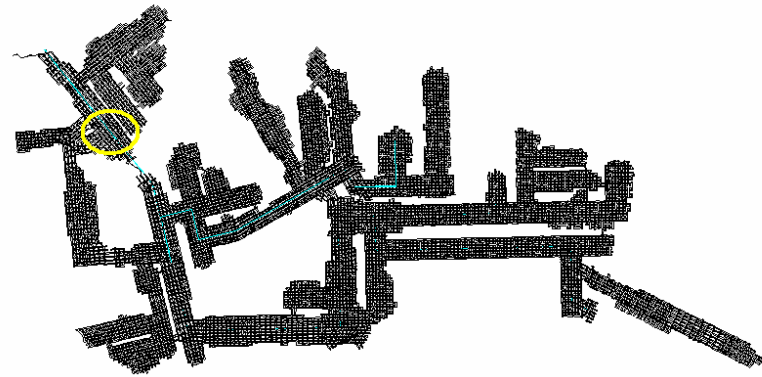
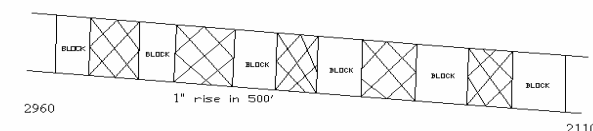
Test Site = 2B

Relative Mine Location

Side Elevation

Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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Equipment	Test Site	Comm Type	Distance Between Miners	Entry/Crosscut Conditions				SIO Score
				Height	Width	Scenario	Notes	
Motorola CP-200 Portable Radio	2B	VHF	120'	264"	20'	8	Penetrate Coal Pillar	5-5-5

<p>Top View</p>  <p>Second set of Miner to Miner Tests performed at in 22' seam.</p> <p>Yellow = Leaky Coax Blue = Belt Red Numbers = Test Number relative to actual position. Two red number 1's pertain to positions of test 1 etc.</p> <p>Test Site = 2B</p>	<p>Relative Mine Location</p>  <p>Side Elevation</p> 
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Name of Mine Remington Mine / Magnum Coal	Date of Testing June 27, 2007	Certifying Engineer John Rinehart P.E.
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