

## APPENDIX C: Maps from the University GIS Database Depicting Mining Extent, Overburden and Surface Features

This appendix showcases the data created during the 3<sup>rd</sup> Assessment period. Maps presented show the locations of each mine with respect to roads and streams, the extent of mining during the 3<sup>rd</sup> Assessment period, University calculated overburden contours, and surface features such as structures and water supplies (referred to in the maps as watersources). The mines are organized alphabetically and each include four maps except for the following:

No “200-ft Buffer and Structure” map:

- Dunkard No.2
- TJS No.4

No “Watersources and RPZ” map:

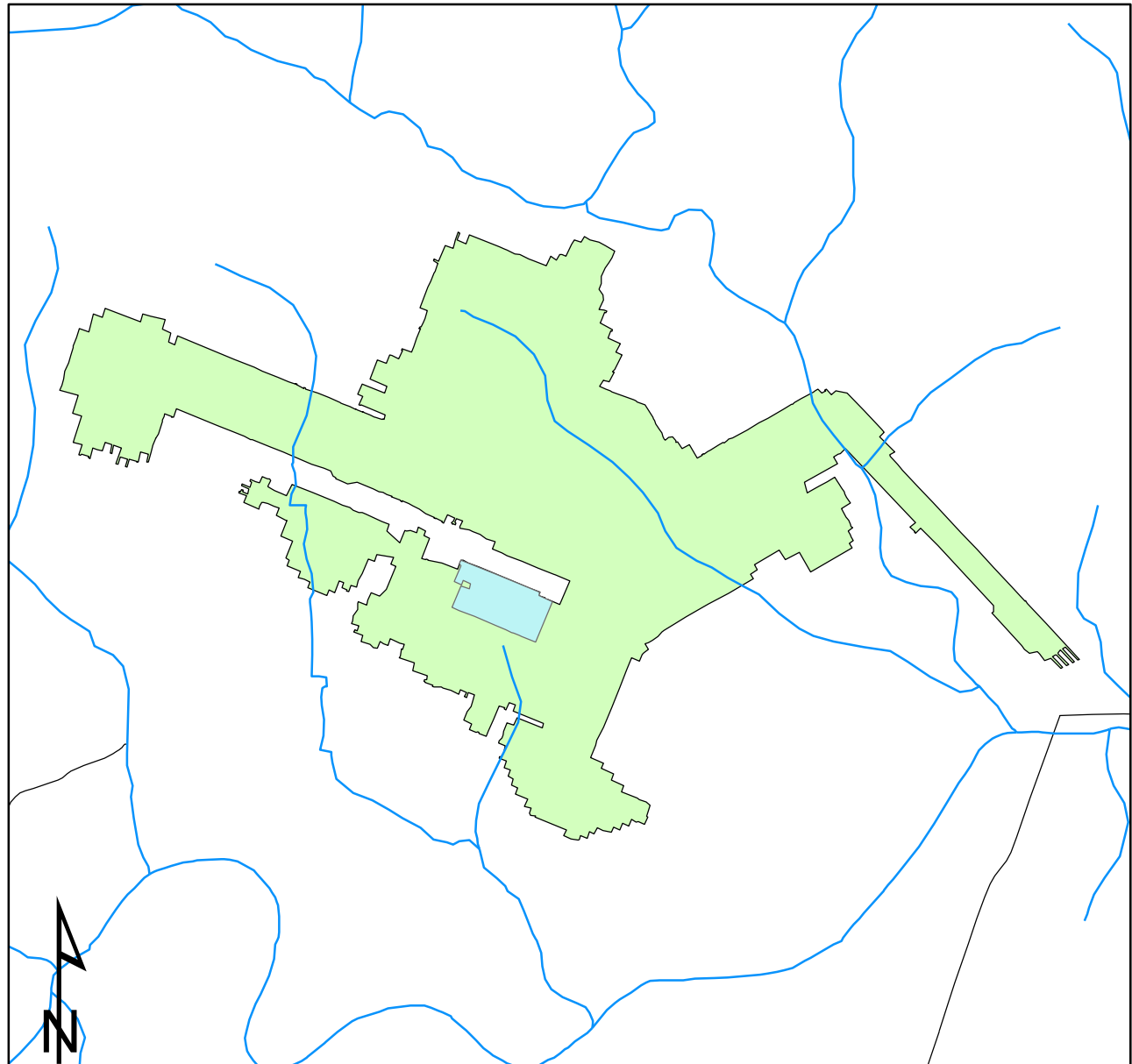
- Crawdad No.1
- Dooley Run
- Rampsides No.1
- TJS No.4

### *Glossary of Terms used in the Map Keys:*

Term	Explanation
Highways	Main highways over the mine. (labeled)
Streams	Stream network over the mine. (not labeled)
State Roads	State roads over the mine. (not labeled)
Room-and-Pillar	Area mined using room-and-pillar mining method.
Pillar Recovery	Area mined using the pillar recovery method.
Longwall Panel	Area mined using the longwall mining method.
Overburden Contour	University generated overburden contours. *Numbers on the map are feet of overburden.
Structures	No= No reported effects during the 3 <sup>rd</sup> Assessment period. Yes= There was a reported effect during the 3 <sup>rd</sup> Assessment period. *This includes ANY reported effect regardless of liable, non-liable, interim resolution, unresolved, or other resolution status *This also includes reported effects that were outstanding from the 2 <sup>nd</sup> Assessment. *Yes (2) means there were two reported effects for this structure.
Watersources (Water Supplies)	No= No reported effects during the 3 <sup>rd</sup> Assessment period. Yes= There was a reported effect during the 3 <sup>rd</sup> Assessment period. *(This includes ANY reported effect regardless of liable, non-liable, interim resolution, unresolved, or other resolution status) *Yes (2) means there were two reported effects for this water supply.
200-ft Buffer	University inventory buffer
RPZ	Rebuttable Presumption Zone - This is a model of a complex boundary used by the PA DEP regarding water supplies. The zone's extent beyond mining is dependant on overburden thickness at the edge of mining.

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

## 4 West Mine Mining Areas, Major Roads and Streams



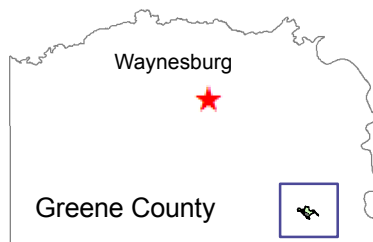
0 0.15 0.3 0.6 Miles



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Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh

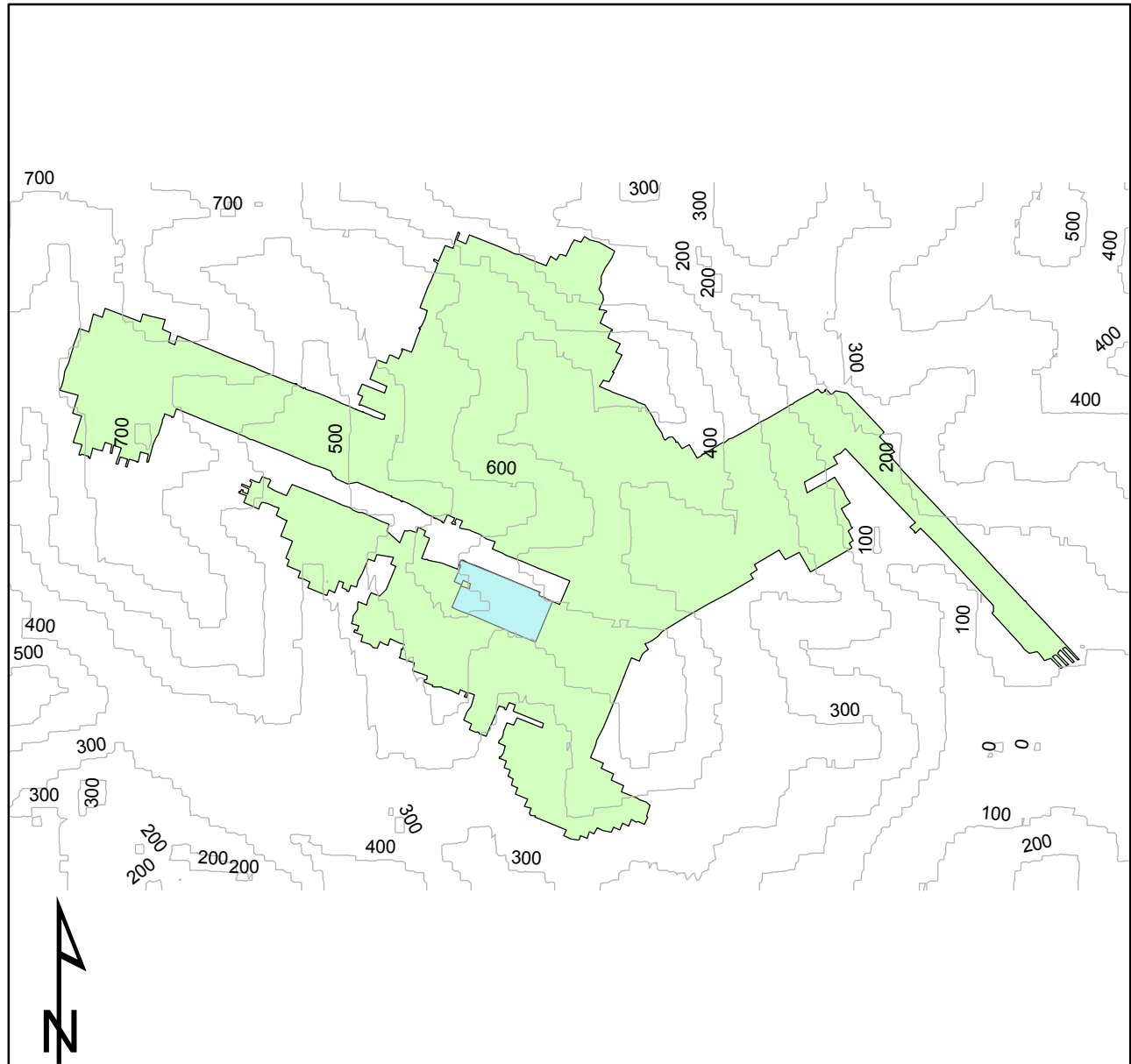


### Map Key

- Highways
- Streams
- State Roads
- Pillar Recovery
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

## 4 West Mine Mining Areas and Overburden Contours



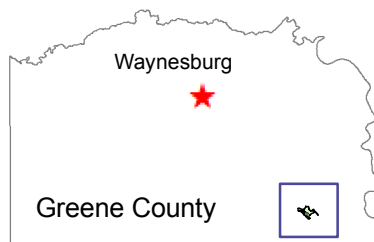
0 0.15 0.3 0.6 Miles



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University of Pittsburgh

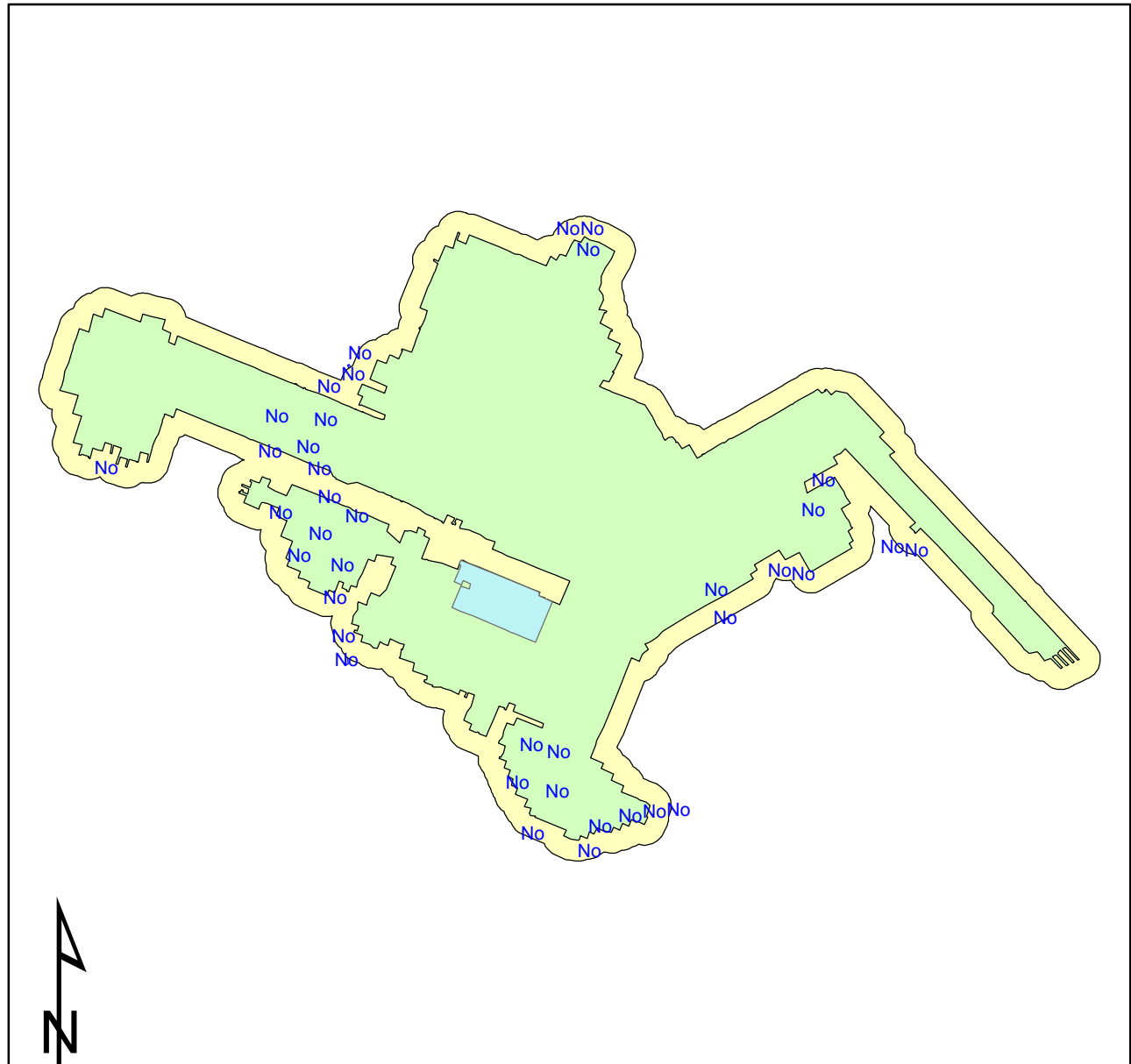


### Map Key

- Overburden Contour
- Pillar Recovery
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

## 4 West Mine Mining Areas, 200-ft Buffer and Structures



0 0.15 0.3 0.6 Miles







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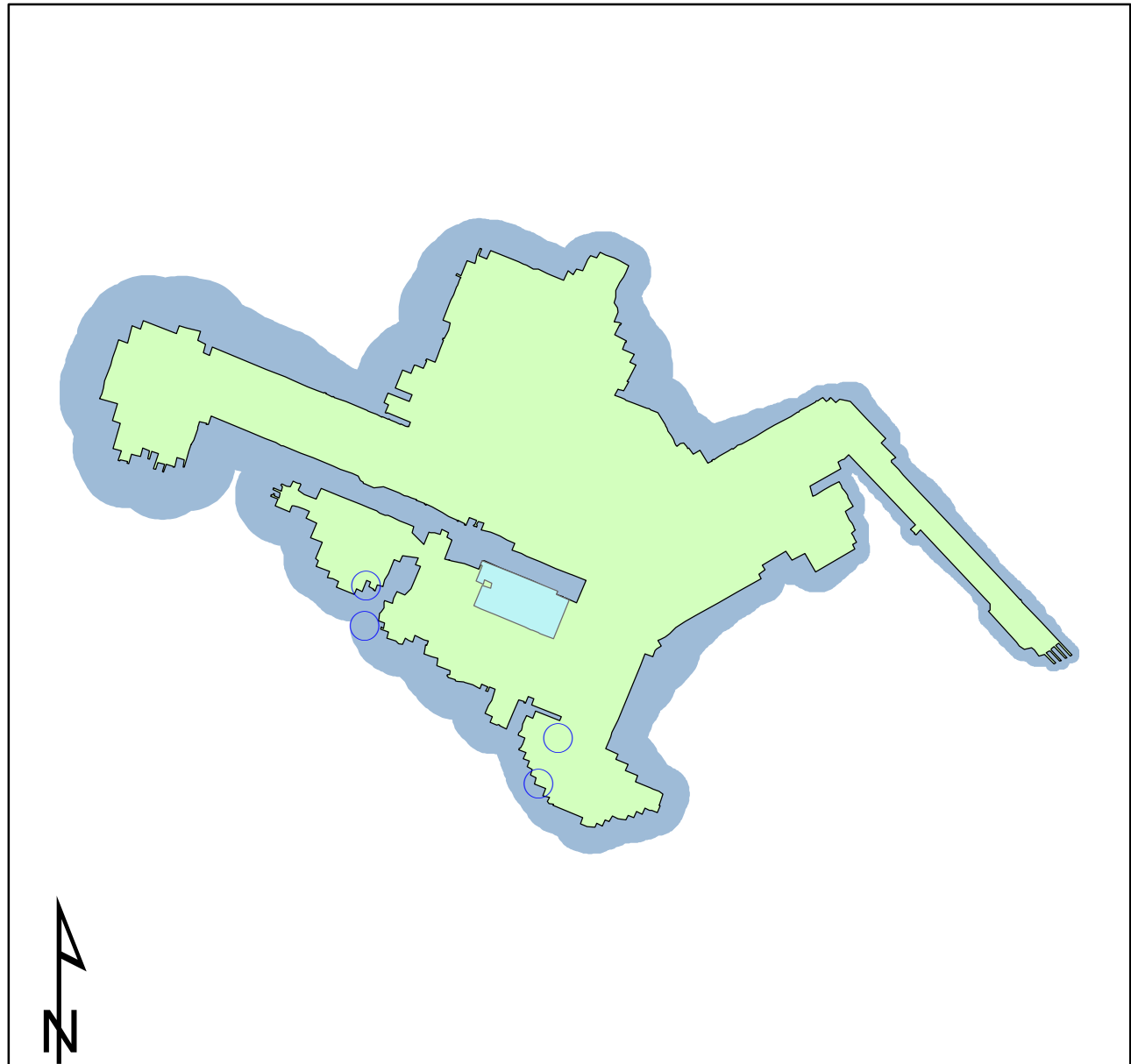


### Map Key

-  Pillar Recovery
-  Room-and-Pillar
-  200-ft Buffer
-  No=Structures with no reported effects

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

## 4 West Mine Mining Areas, Watersources and RPZ



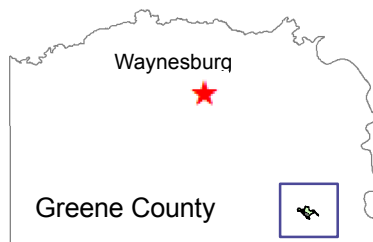
0 0.15 0.3 0.6 Miles







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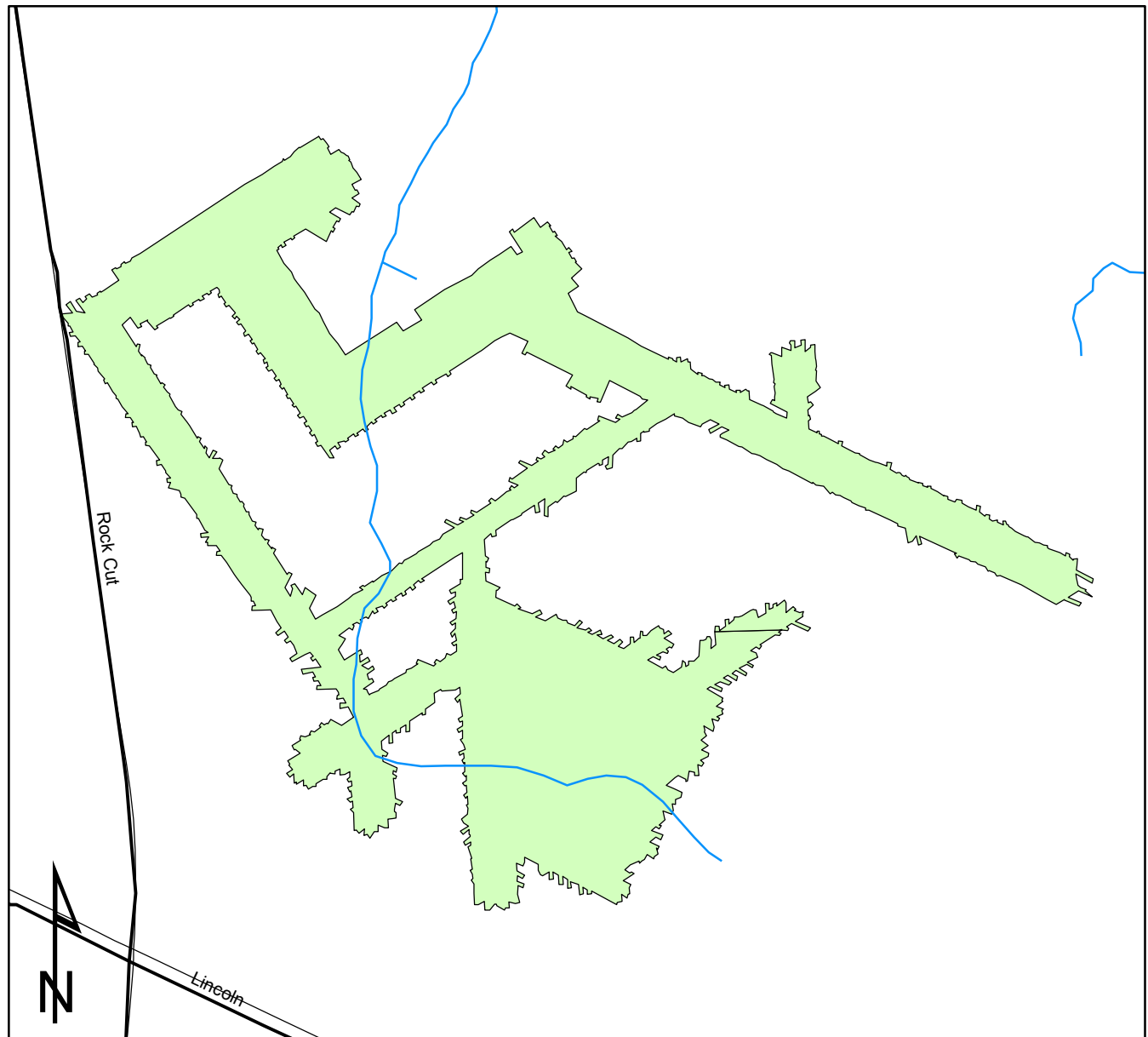
### Map Key

-  *Watersources with no reported effects*
-  Pillar Recovery
-  Room-and-Pillar
-  RPZ

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Agustus Mine

## Mining Areas, Major Roads and Streams



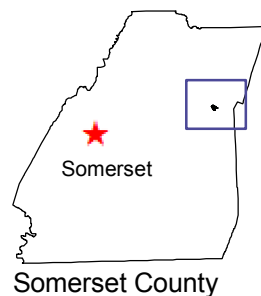
0 0.05 0.1 0.2 Miles



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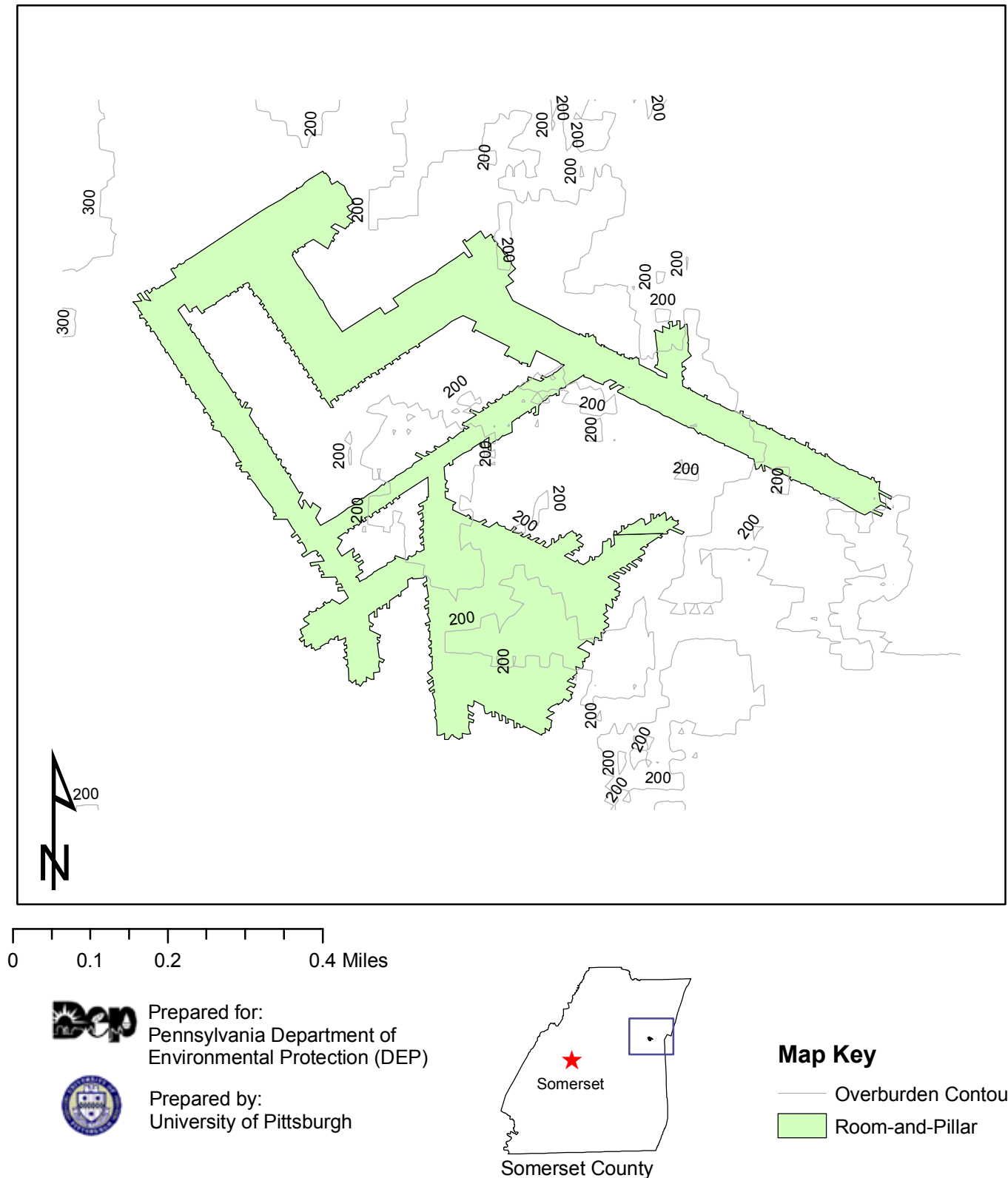
### Map Key

- Highways
- Streams
- State Roads
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Agustus Mine

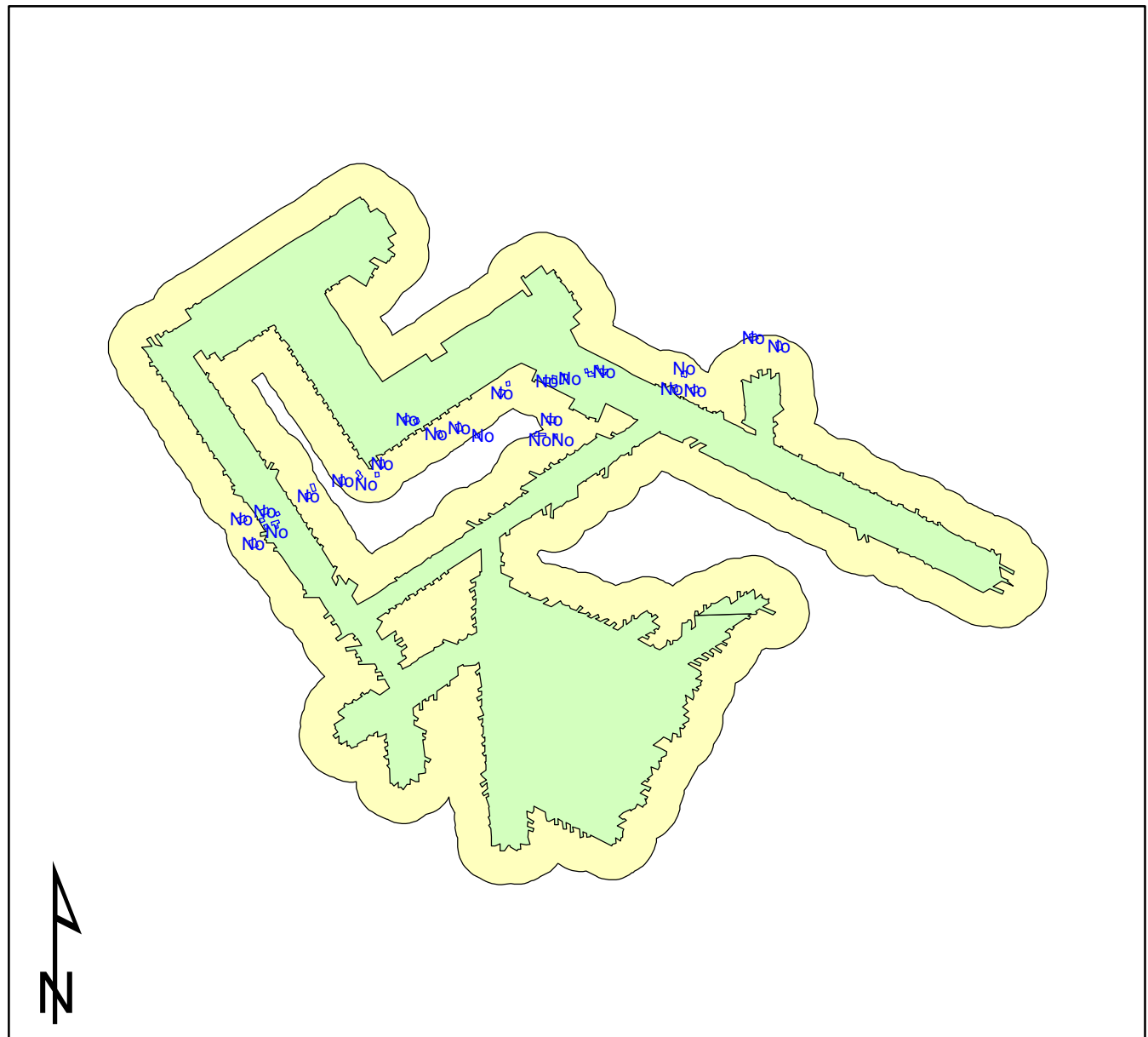
## Mining Areas and Overburden Contours



Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Agustus Mine

## Mining Areas, 200-ft Buffer and Structures



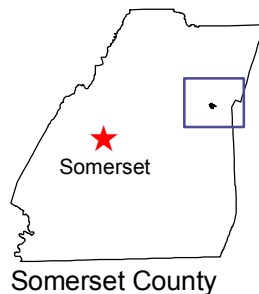
0 0.1 0.2 0.4 Miles



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### Map Key

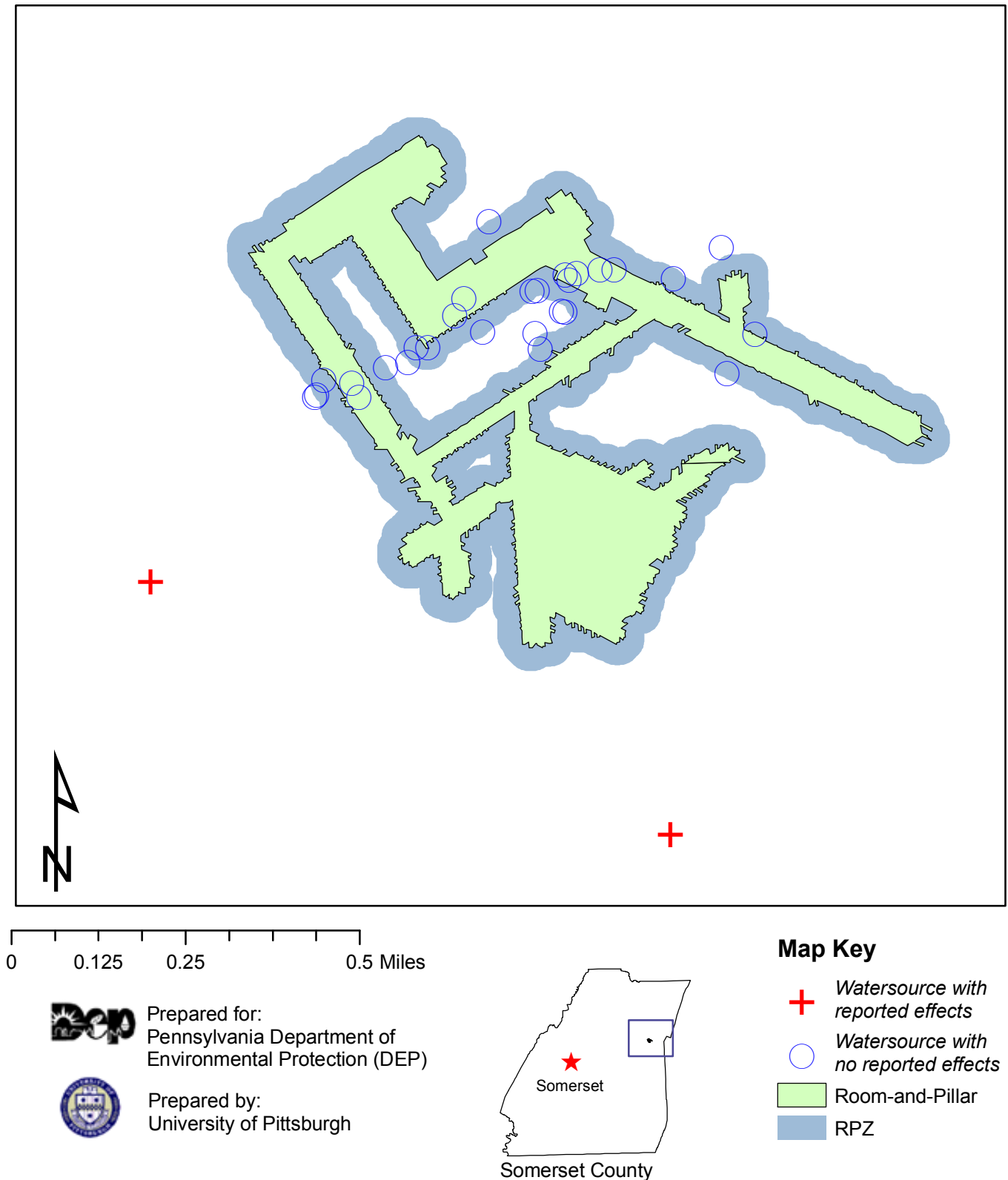
- No=Structures with no reported effects
- Room-and-Pillar
- 200-ft Buffer



Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Agustus Mine

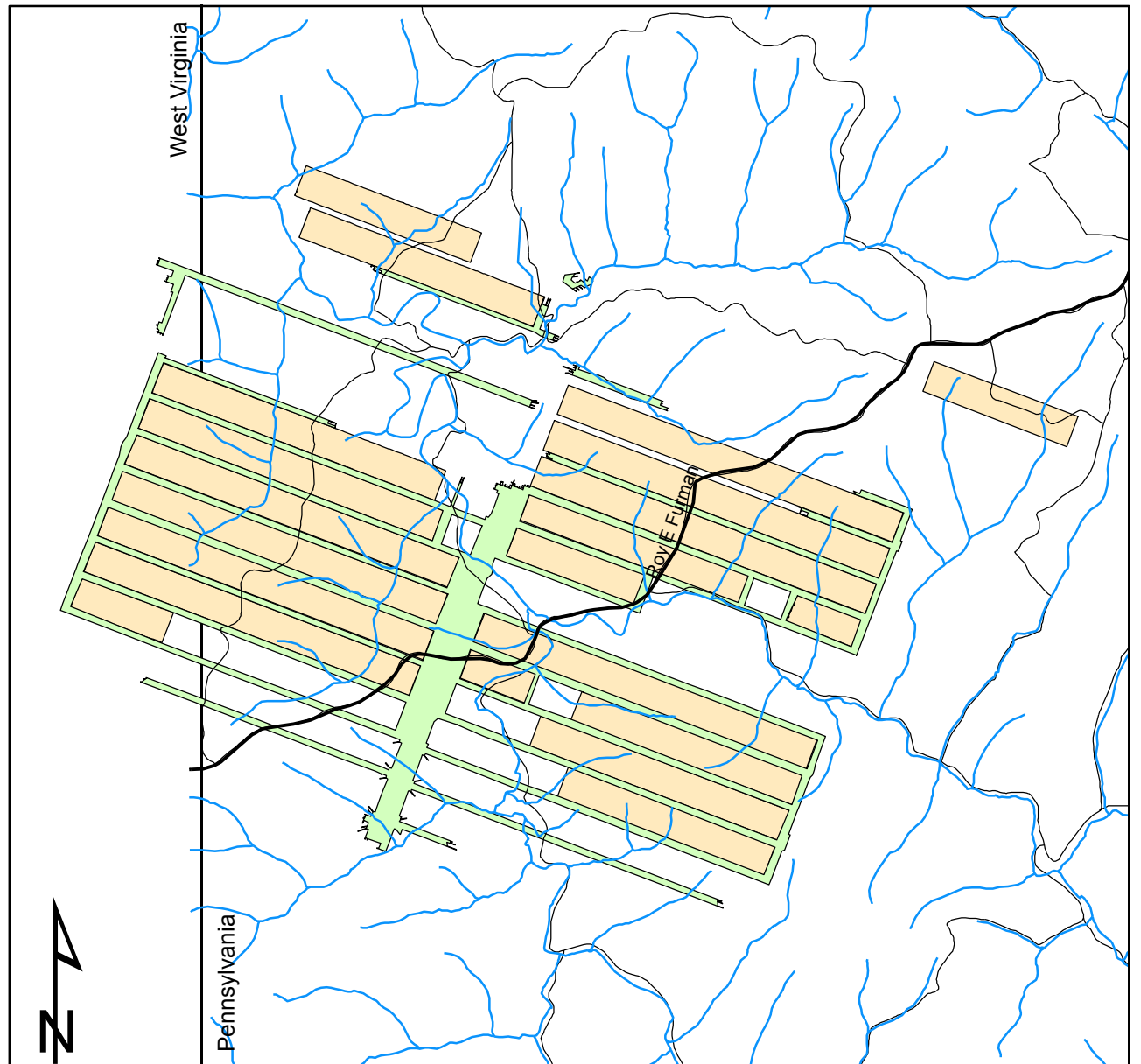
## Mining Areas, Watersources and RPZ



Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Bailey Mine

## Mining Areas, Major Roads and Streams



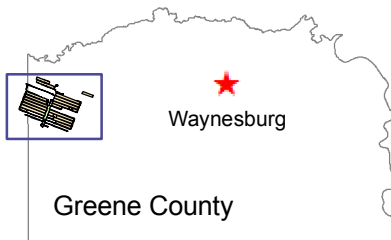
0 0.5 1 2 Miles



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### Map Key

- Highways
- Streams
- State Roads
- Room-and-Pillar
- Longwall Panel

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Bailey Mine Mining Areas and Overburden Contours



0 0.5 1 2 Miles



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Waynesburg

Greene County

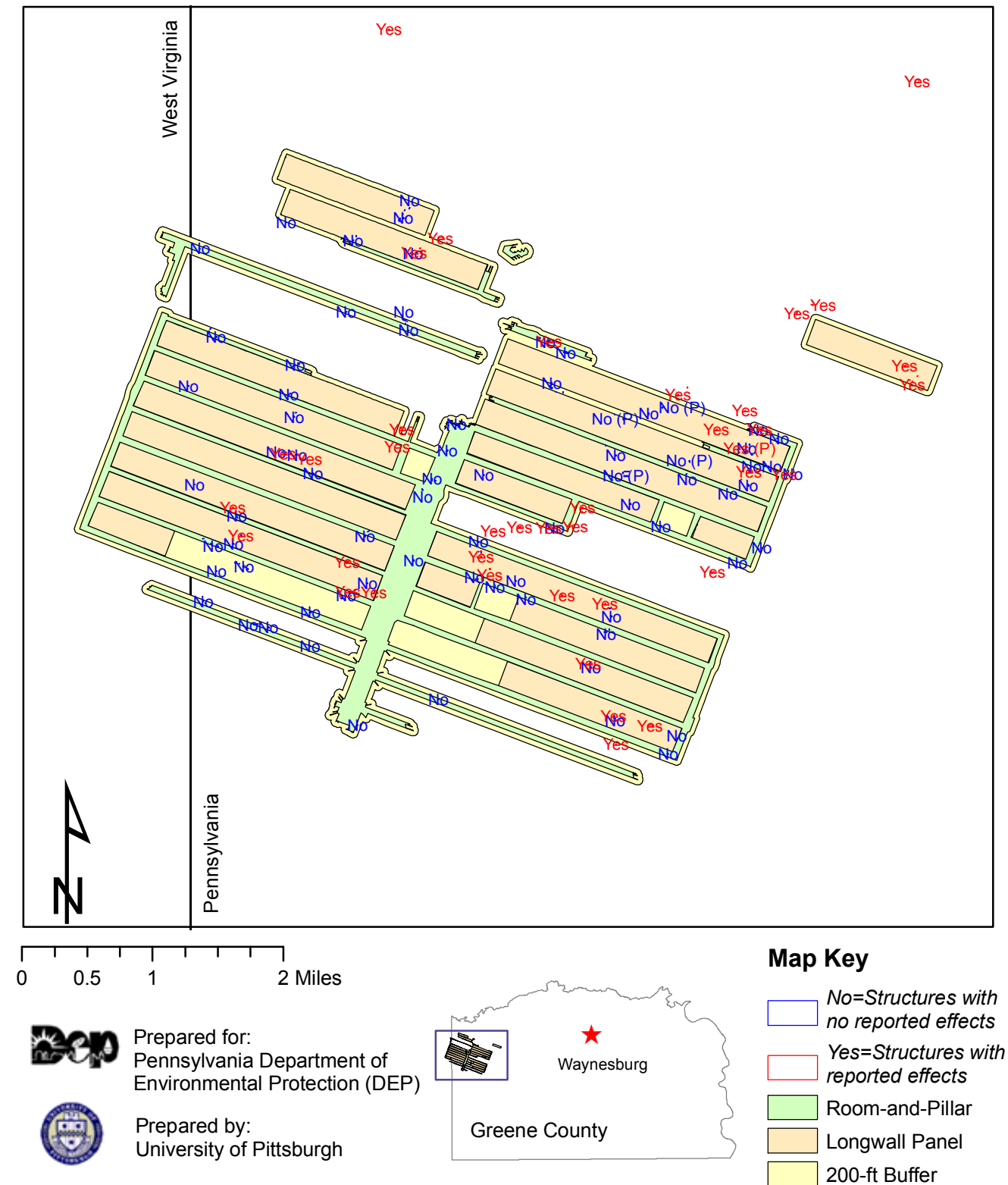
## Map Key

- Overburden Contour
- Room-and-Pillar
- Longwall Panel

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Bailey Mine

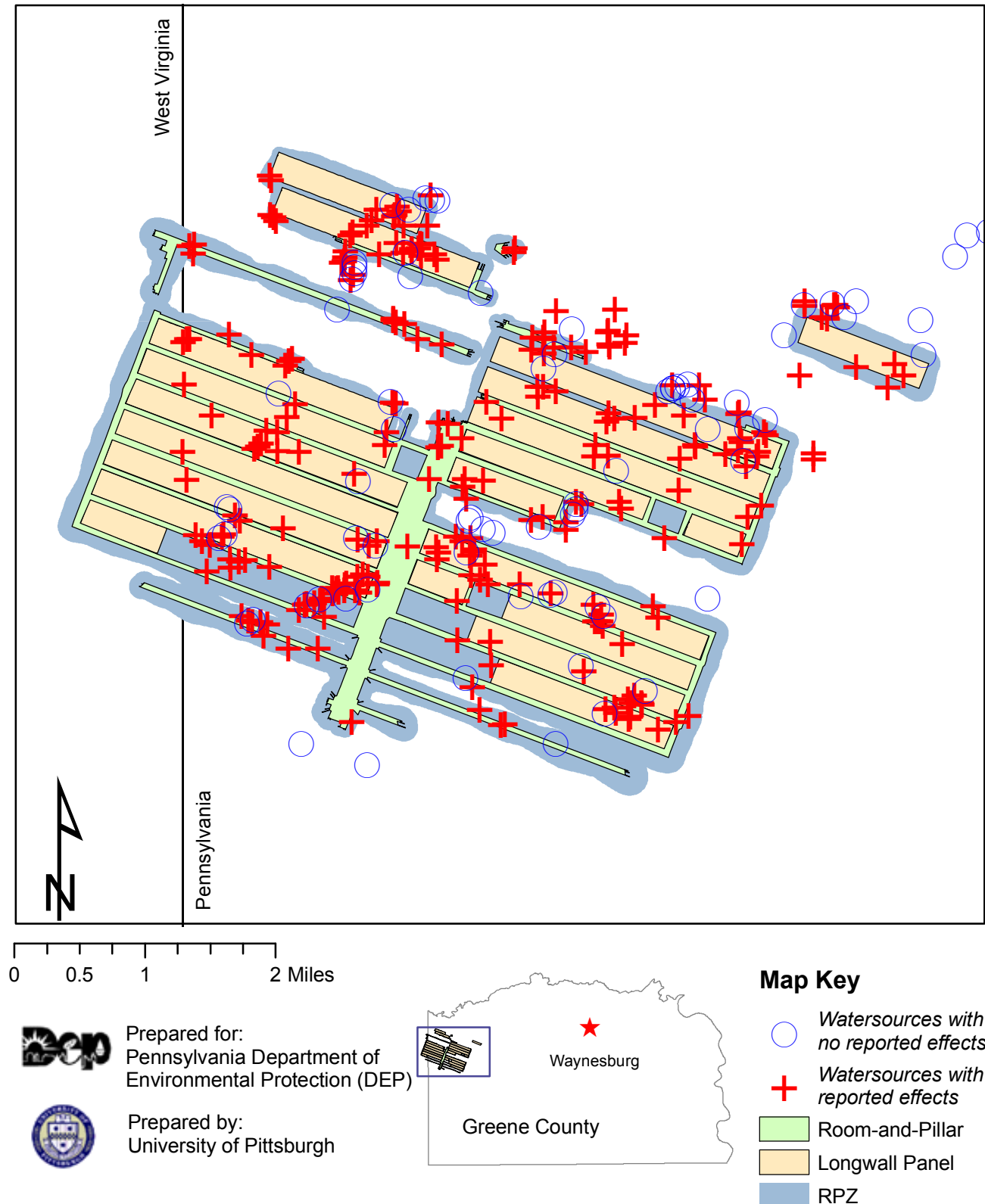
## Mining Areas, 200-ft Buffer and Structures



Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

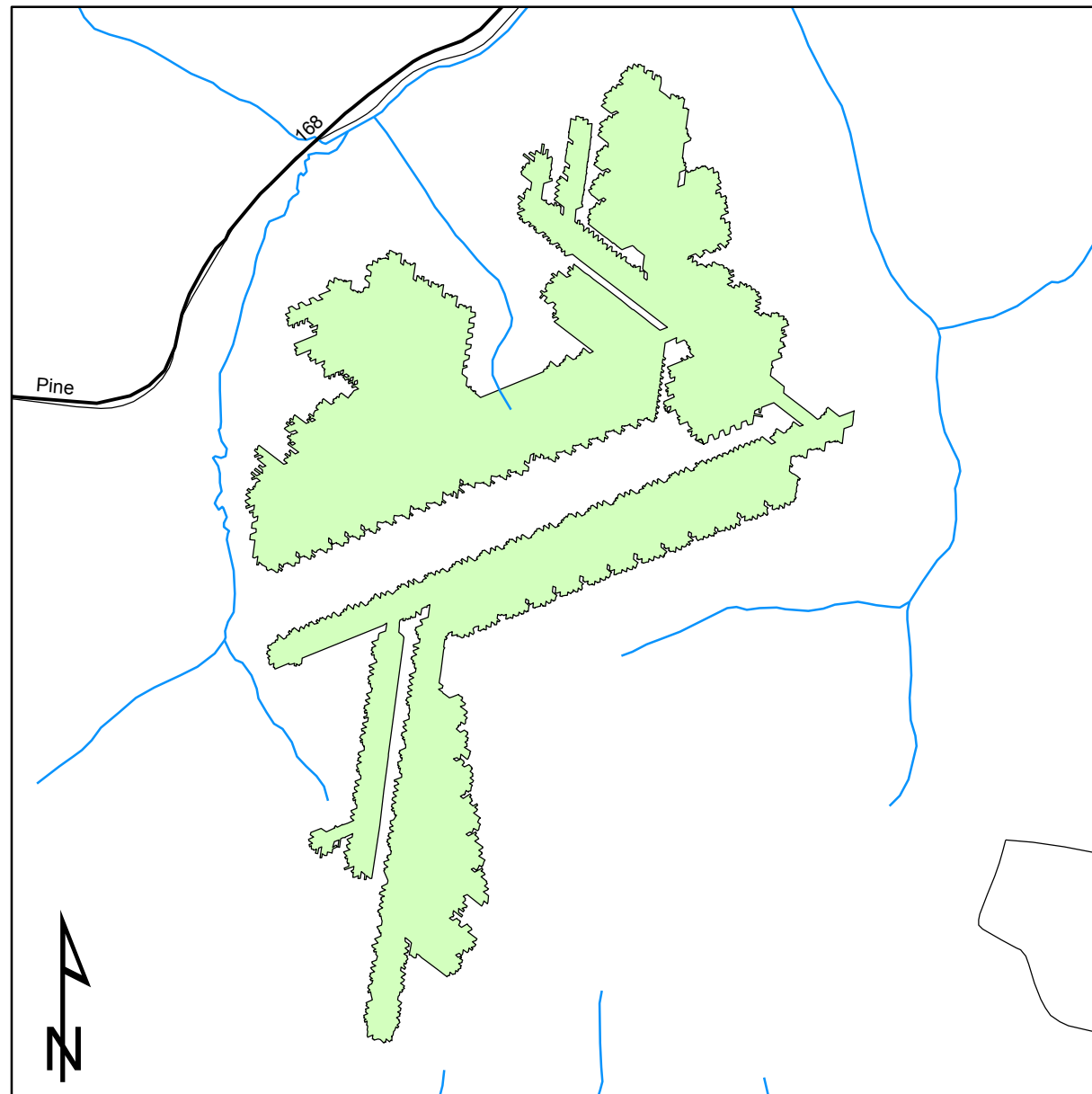
# Bailey Mine

## Mining Areas, Watersources and RPZ



Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Beaver Valley Mine Mining Areas, Major Roads and Streams



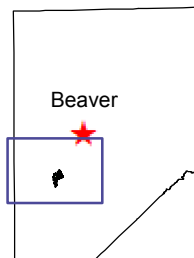
0 0.2 0.4 0.8 Miles



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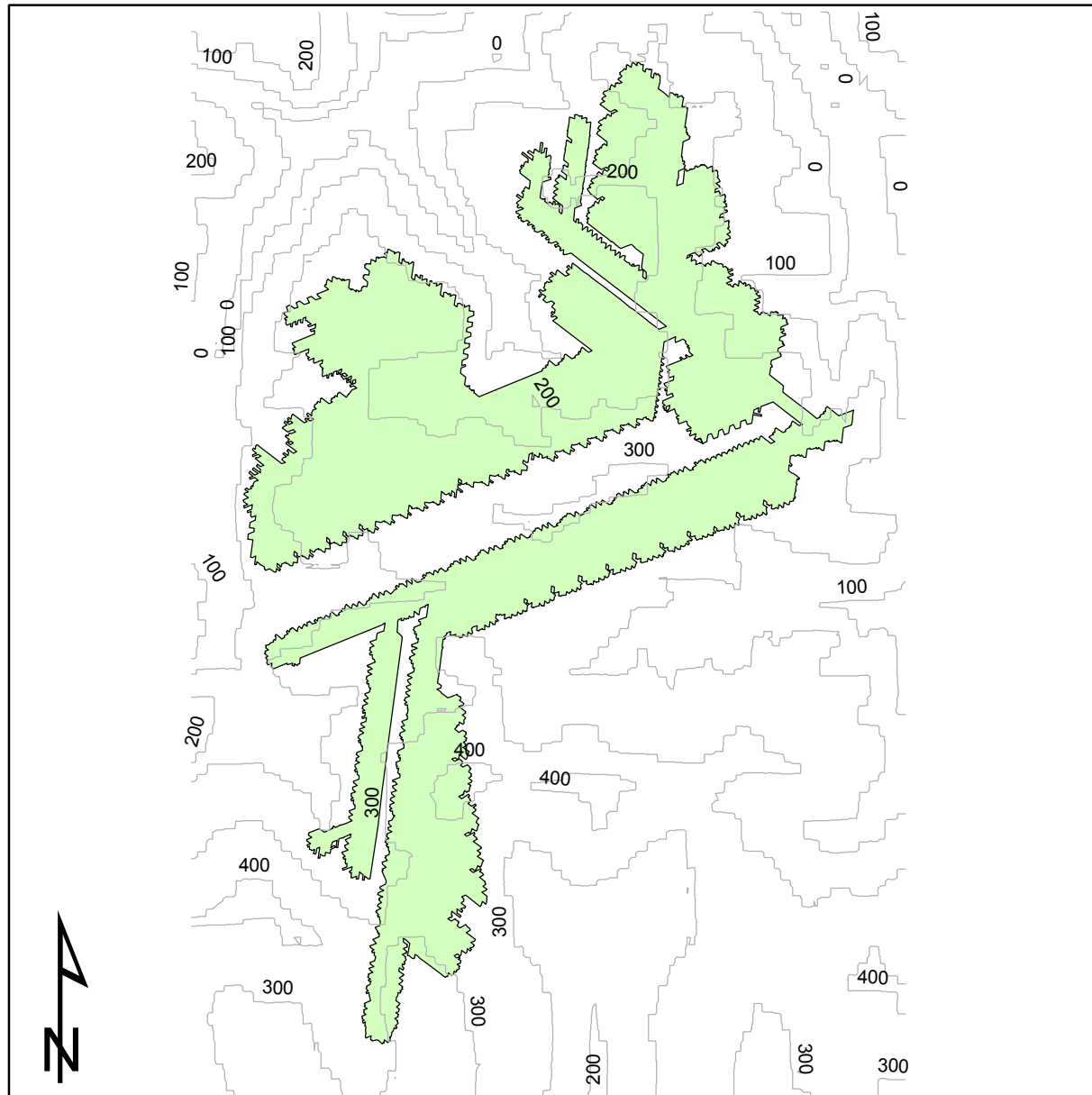
Beaver County

## Map Key

- Highways
- Streams
- State Roads
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Beaver Valley Mine Mining Areas and Overburden Contours



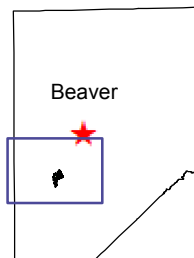
0 0.2 0.4 0.8 Miles



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Beaver County

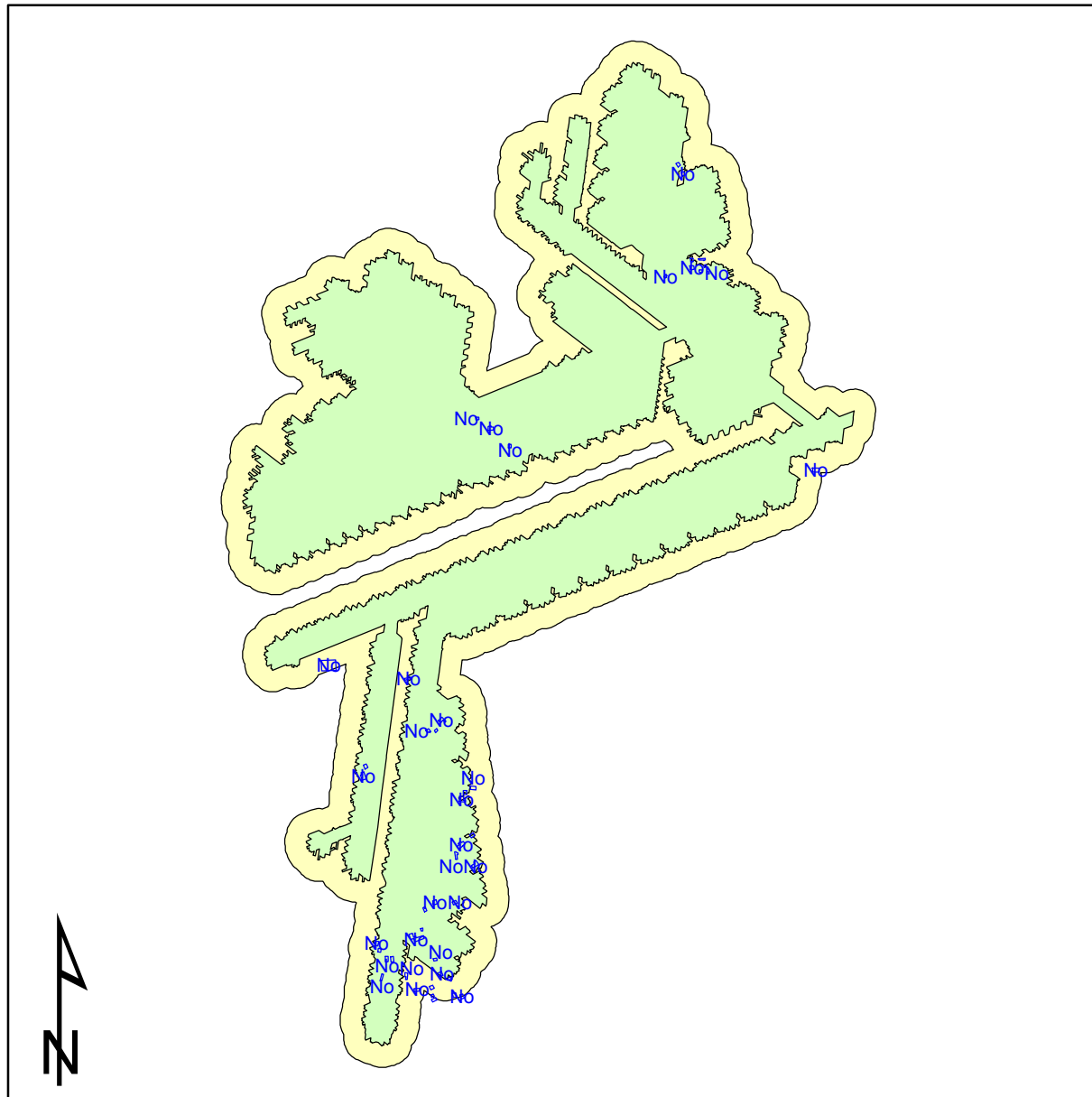
## Map Key

- Overburden Contour
- Room-and-Pillar



Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Beaver Valley Mine Mining Areas, 200-ft Buffer and Structures



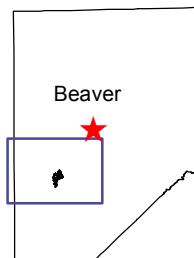
0 0.2 0.4 0.8 Miles



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Beaver County

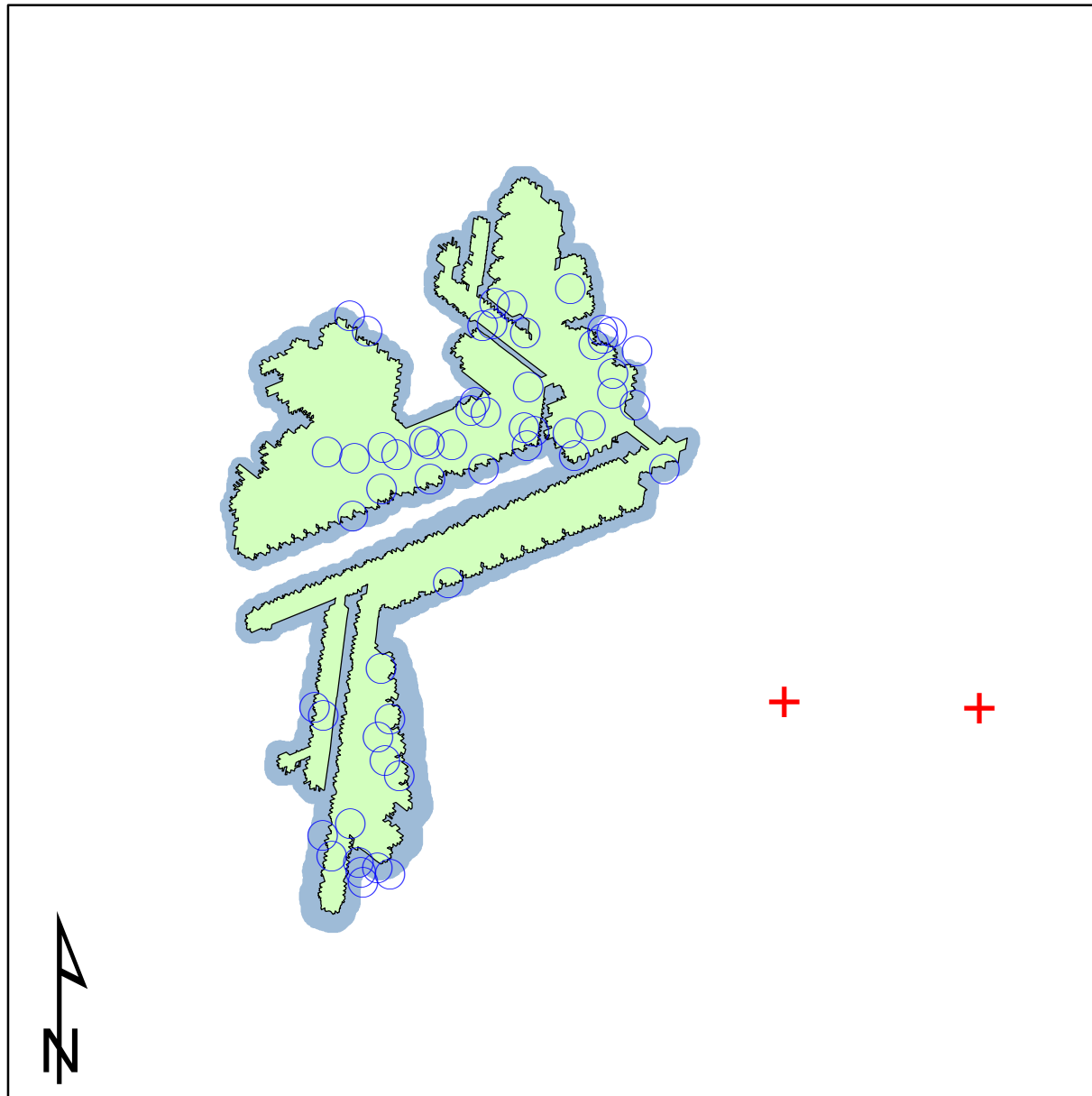
## Map Key

- No=Structures with  
no reported affects
- Room-and-Pillar
- 200-ft Buffer



Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Beaver Valley Mine Mining Areas, Watersources and RPZ



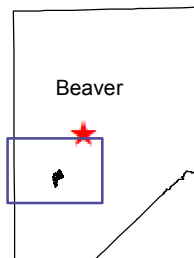
0 0.25 0.5 1 Miles



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Beaver County

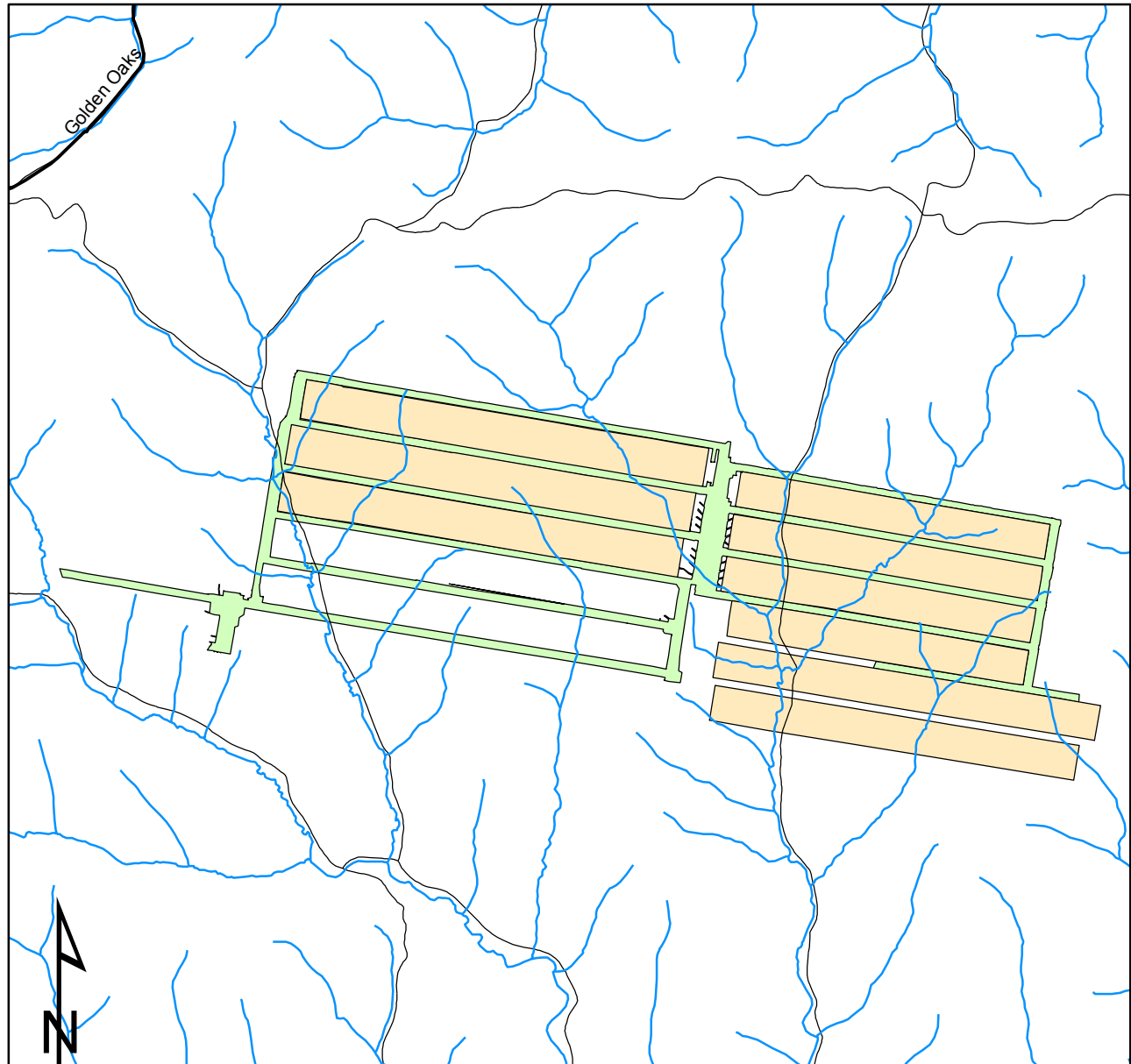
## Map Key

- Watersources with reported effects
- Watersources with no reported effects
- Room-and-Pillar
- RPZ

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Blacksville No.2 Mine

## Mining Areas, Major Roads and Streams



0 0.5 1 2 Miles



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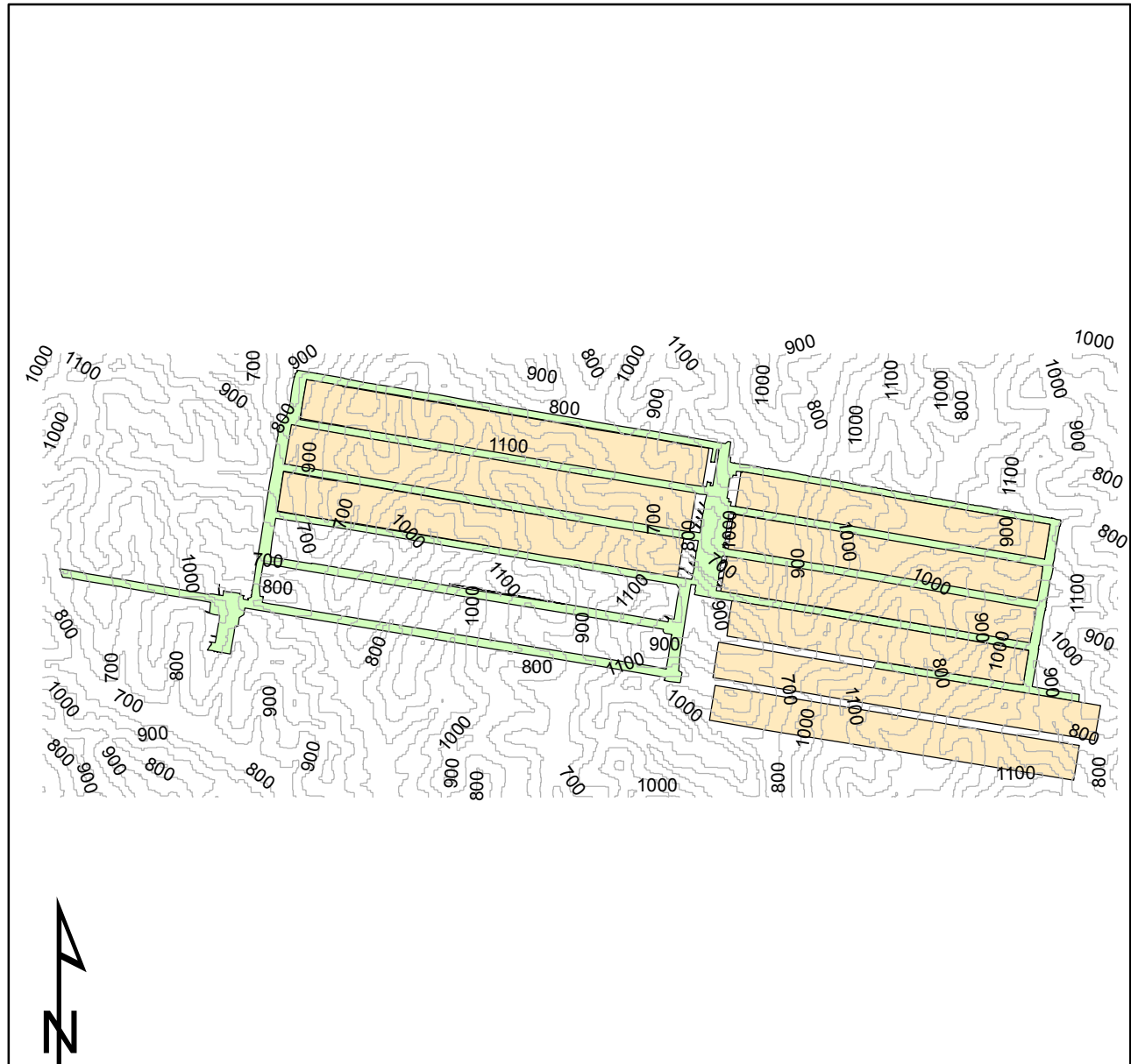
Greene County

### Map Key

- Highways
- Streams
- State Roads
- Longwall Panel
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Blacksville No.2 Mine Mining Areas and Overburden Contours



0 0.5 1 2 Miles



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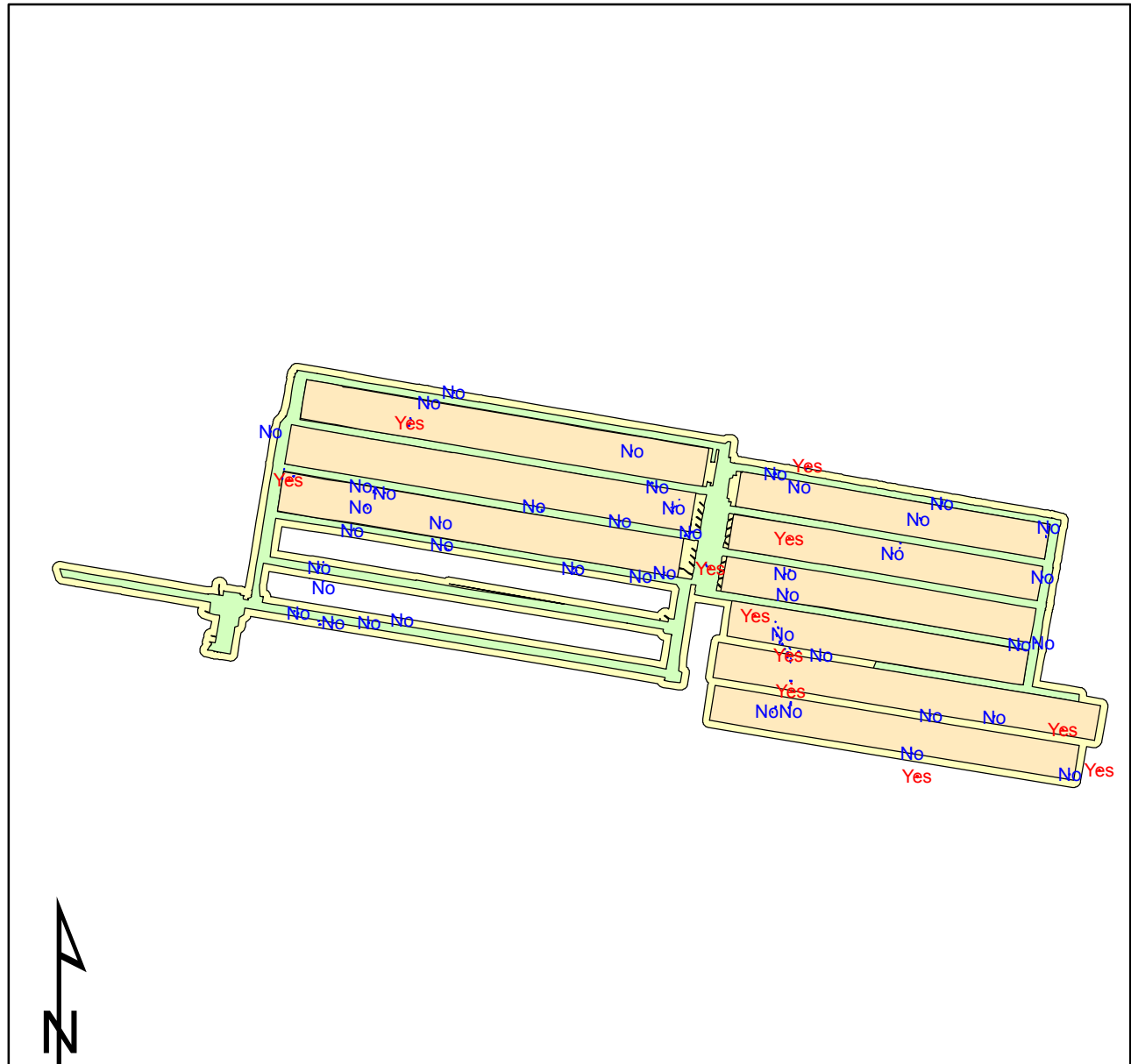
Greene County

## Map Key

- Overburden Contour
- Orange box Longwall Panel
- Green outline Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Blacksville No.2 Mine Mining Areas, 200-ft Buffer and Structures



0 0.5 1 2 Miles



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Environmental Protection (DEP)



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University of Pittsburgh



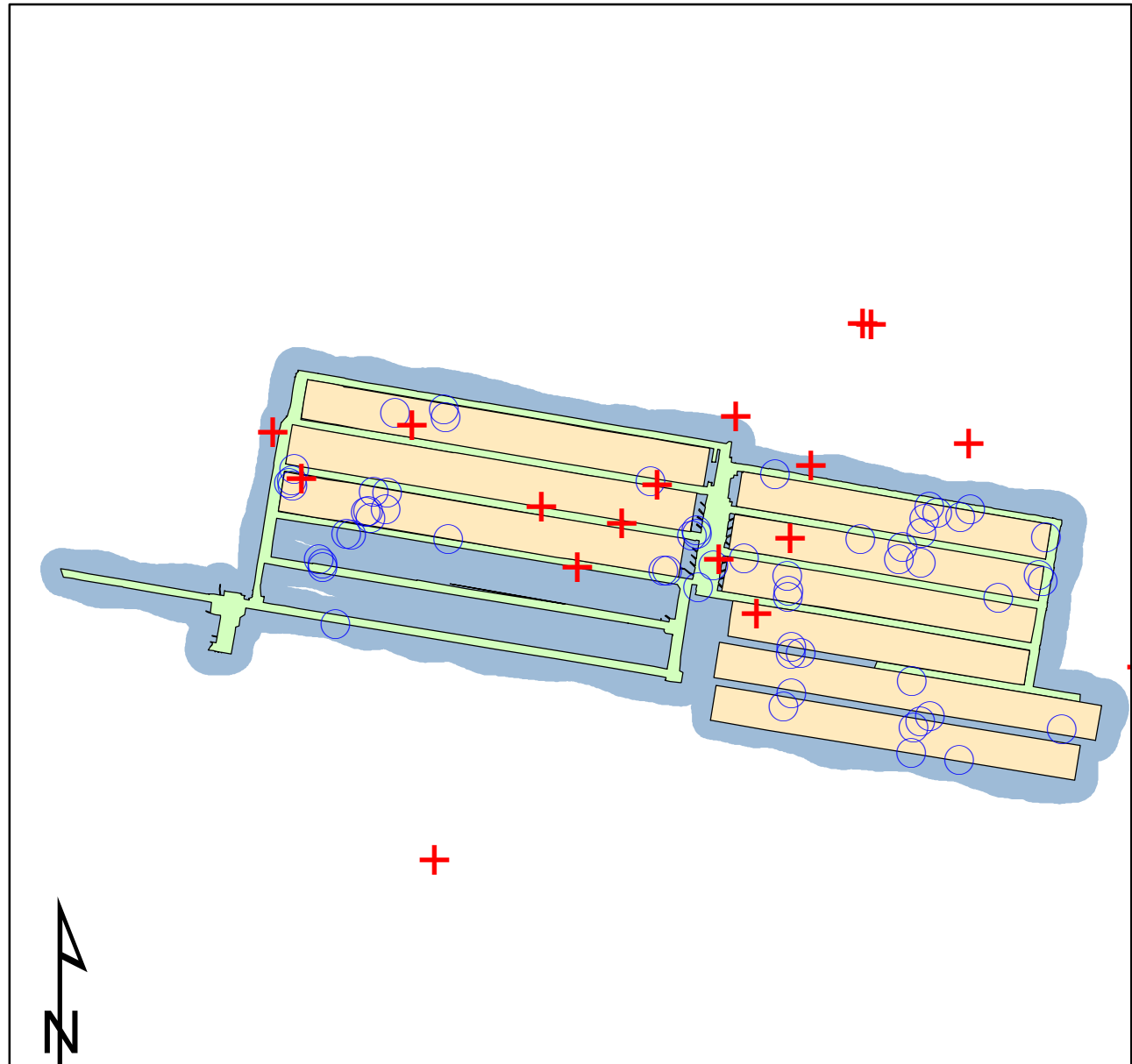
Greene County

## Map Key

- Yes=Structures with reported effects
- No=Structures with no reported effects
- Longwall Panel
- Room-and-Pillar
- 200-ft Buffer

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Blacksville No.2 Mine Mining Areas, Watersources and RPZ



0 0.5 1 2 Miles



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Greene County

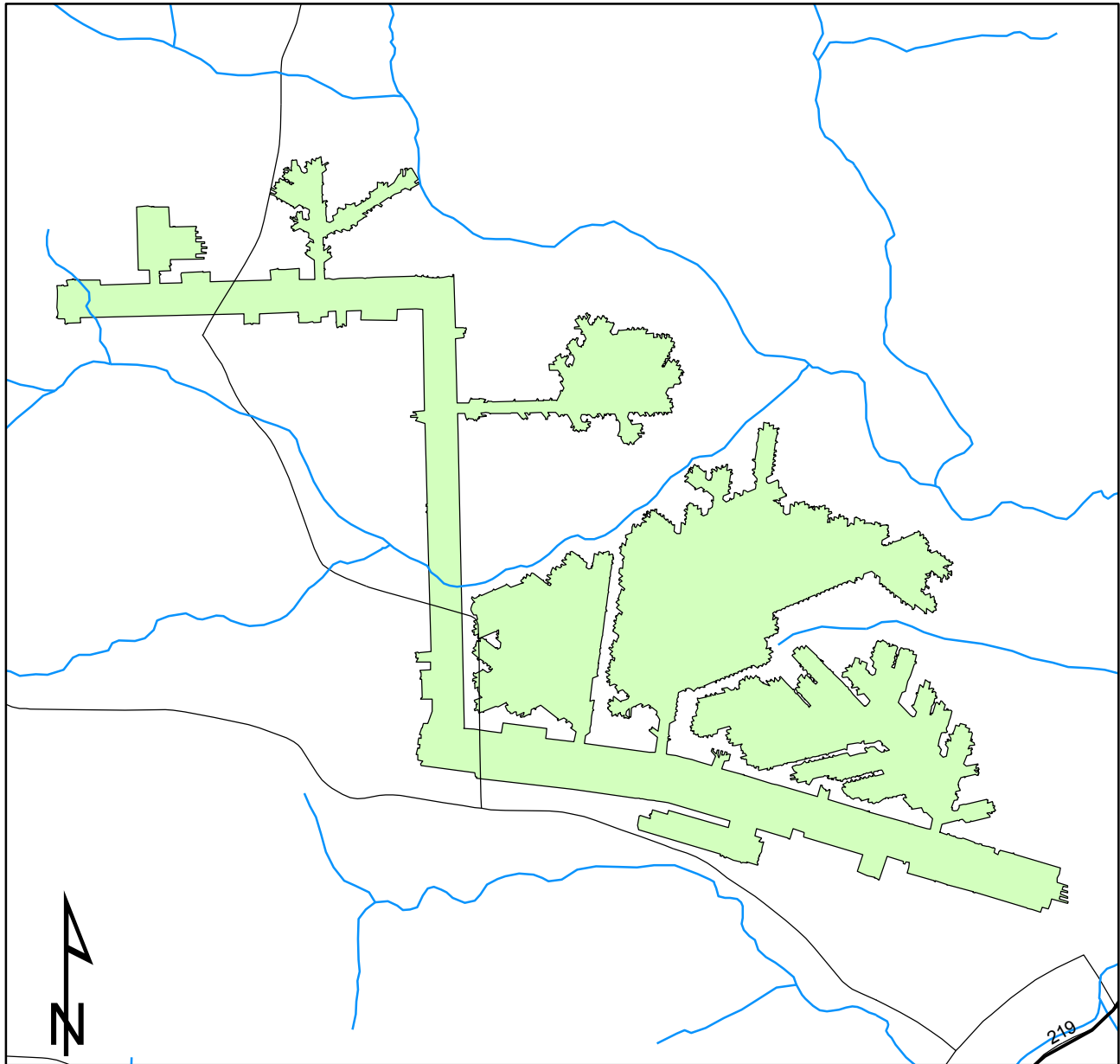
## Map Key

- Watersources with reported effects
- Watersources with no reported effects
- Longwall Panel
- Room-and-Pillar
- RPZ

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Cherry Tree Mine

## Mining Areas, Major Roads and Streams



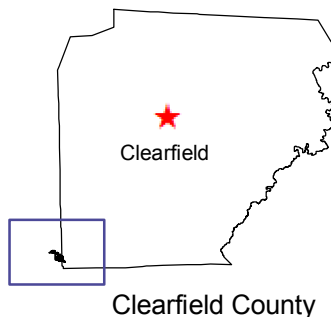
0 0.2 0.4 0.8 Miles



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Clearfield County

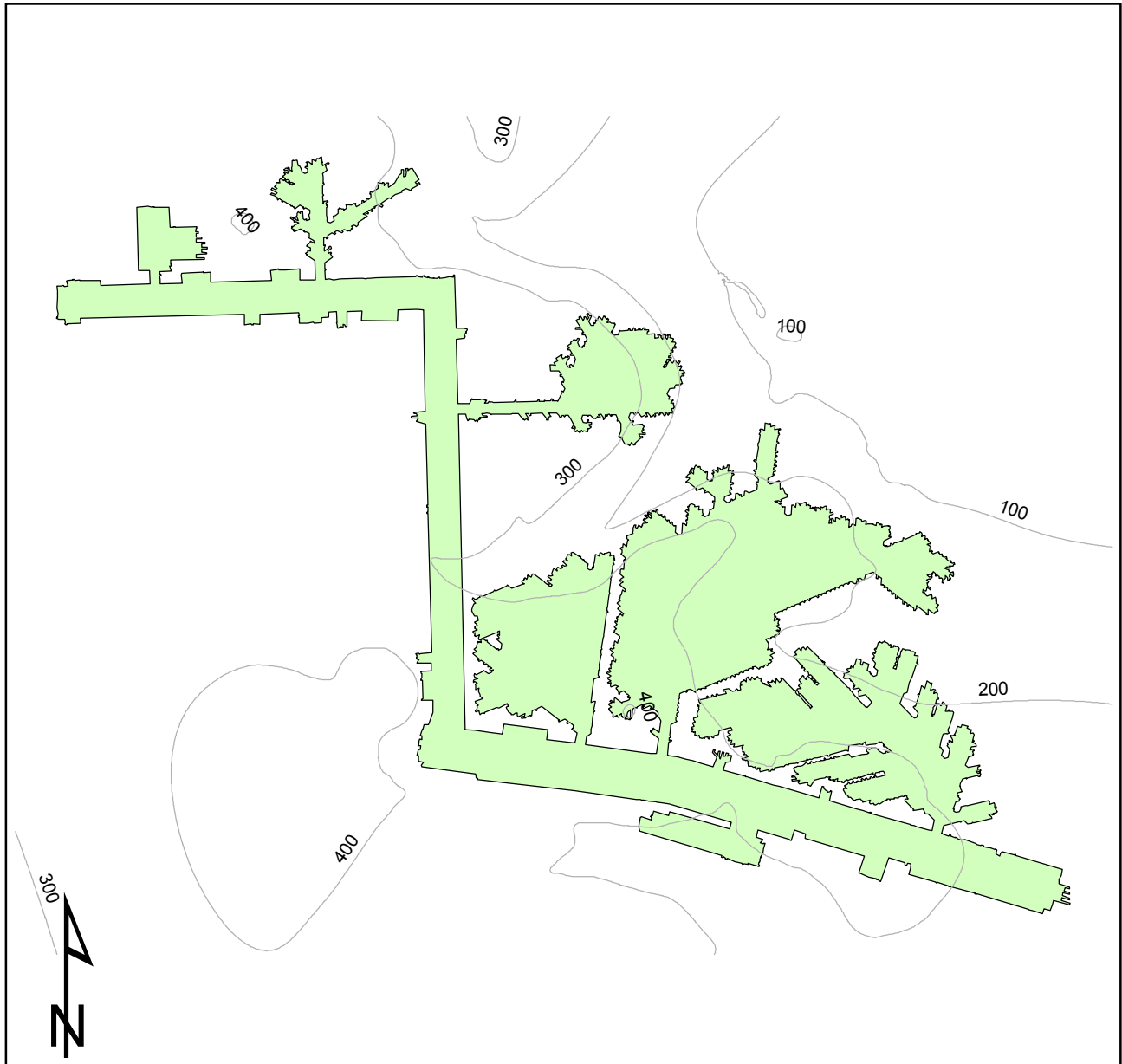
### Map Key

- Highways
- Streams
- State Roads
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Cherry Tree Mine

## Mining Areas and Overburden Contours



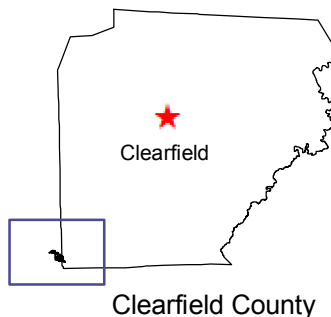
0 0.2 0.4 0.8 Miles



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Prepared by:  
University of Pittsburgh



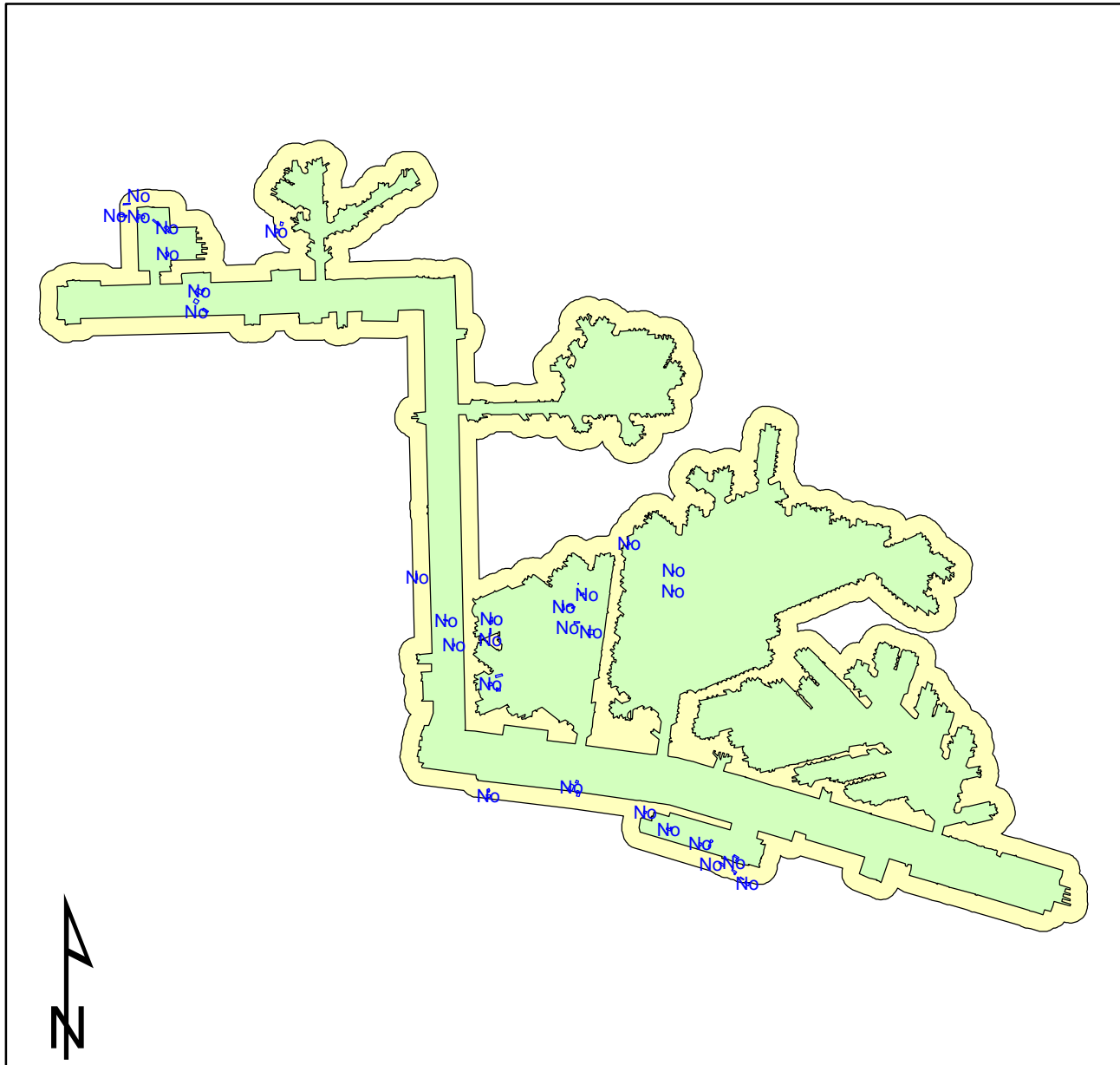
Clearfield County

### Map Key

- Overburden Contour
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Cherry Tree Mine Mining Areas, 200-ft and Structures



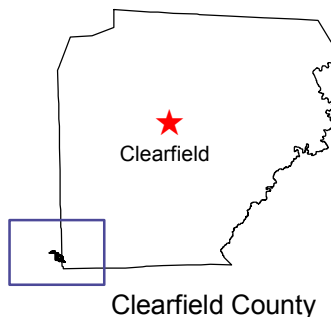
0 0.2 0.4 0.8 Miles



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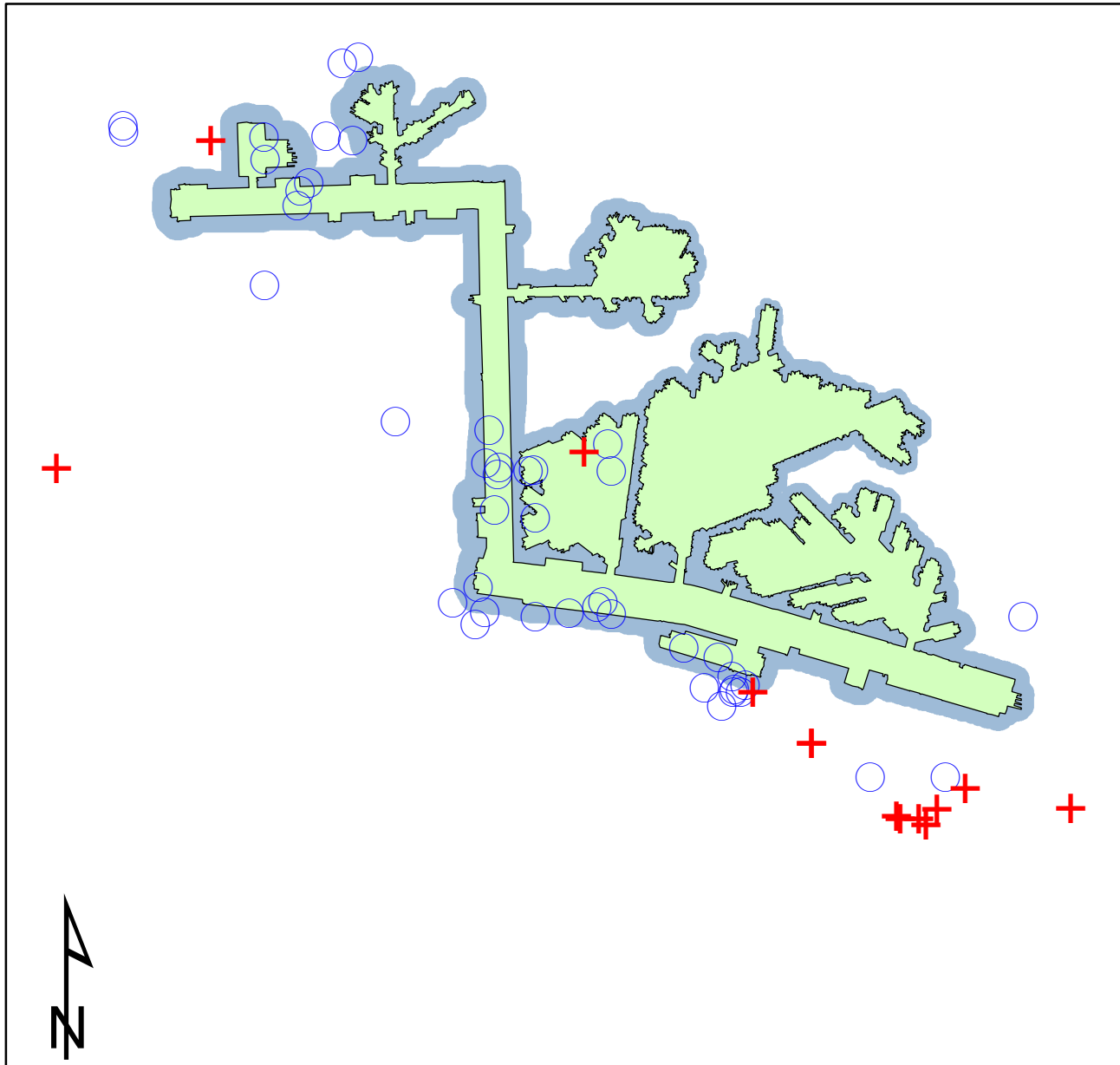
## Map Key

- No=Structures with no reported effects
- Room-and-Pillar
- 200-ft Buffer



Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Cherry Tree Mine Mining Areas, Watersources and RPZ



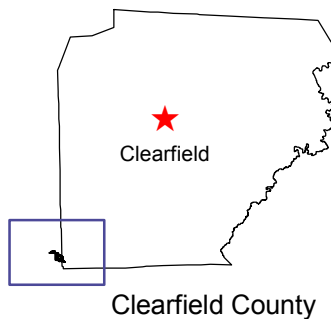
0 0.25 0.5 1 Miles



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Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh

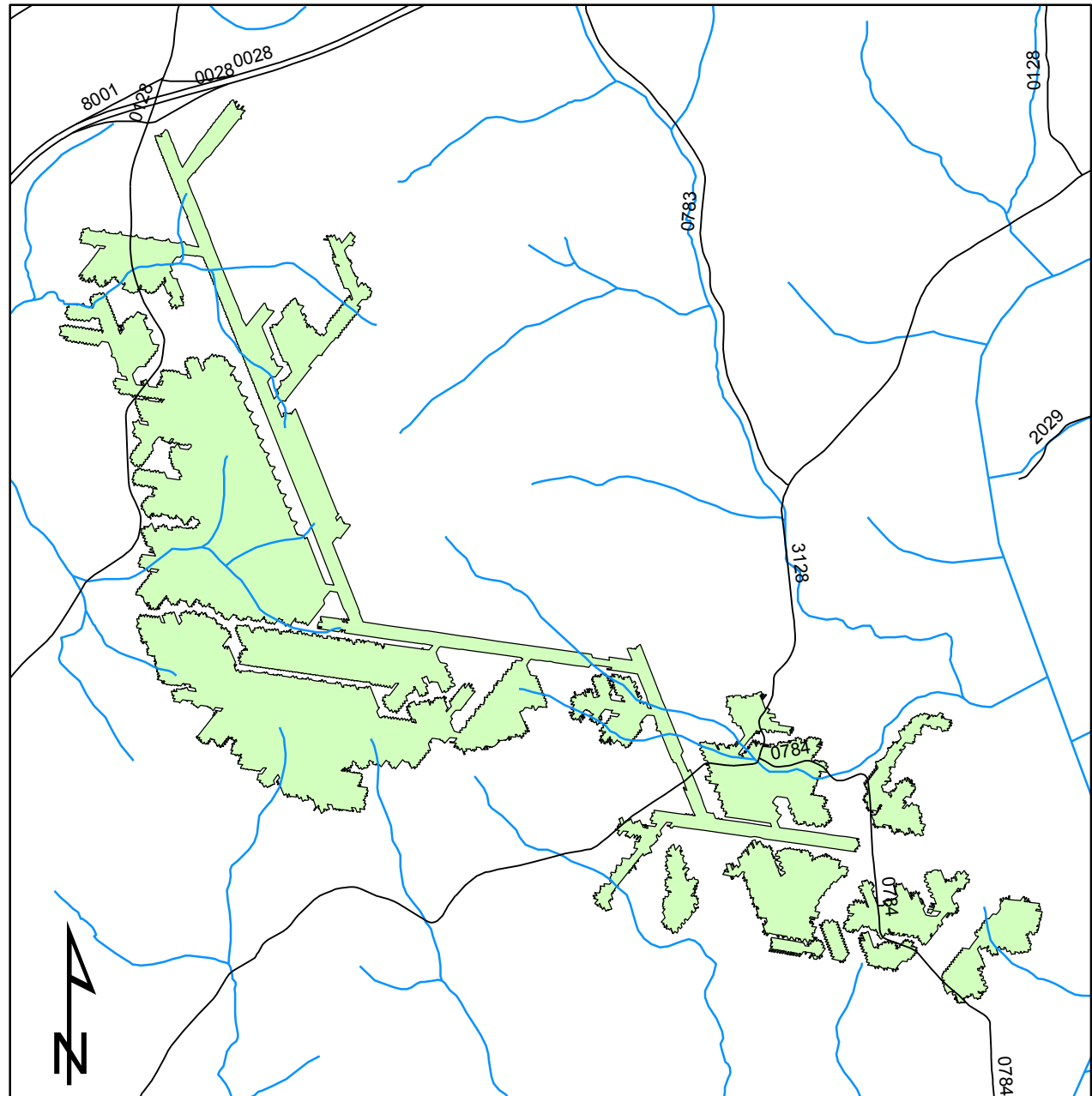


## Map Key

- Watersources with reported effects
- Watersources with no reported effects
- Room-and-Pillar
- RPZ

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Clementine No.1 Mine Mining Area, Major Roads and Streams



0 0.4 0.8 1.6 Miles



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Prepared by:  
University of Pittsburgh



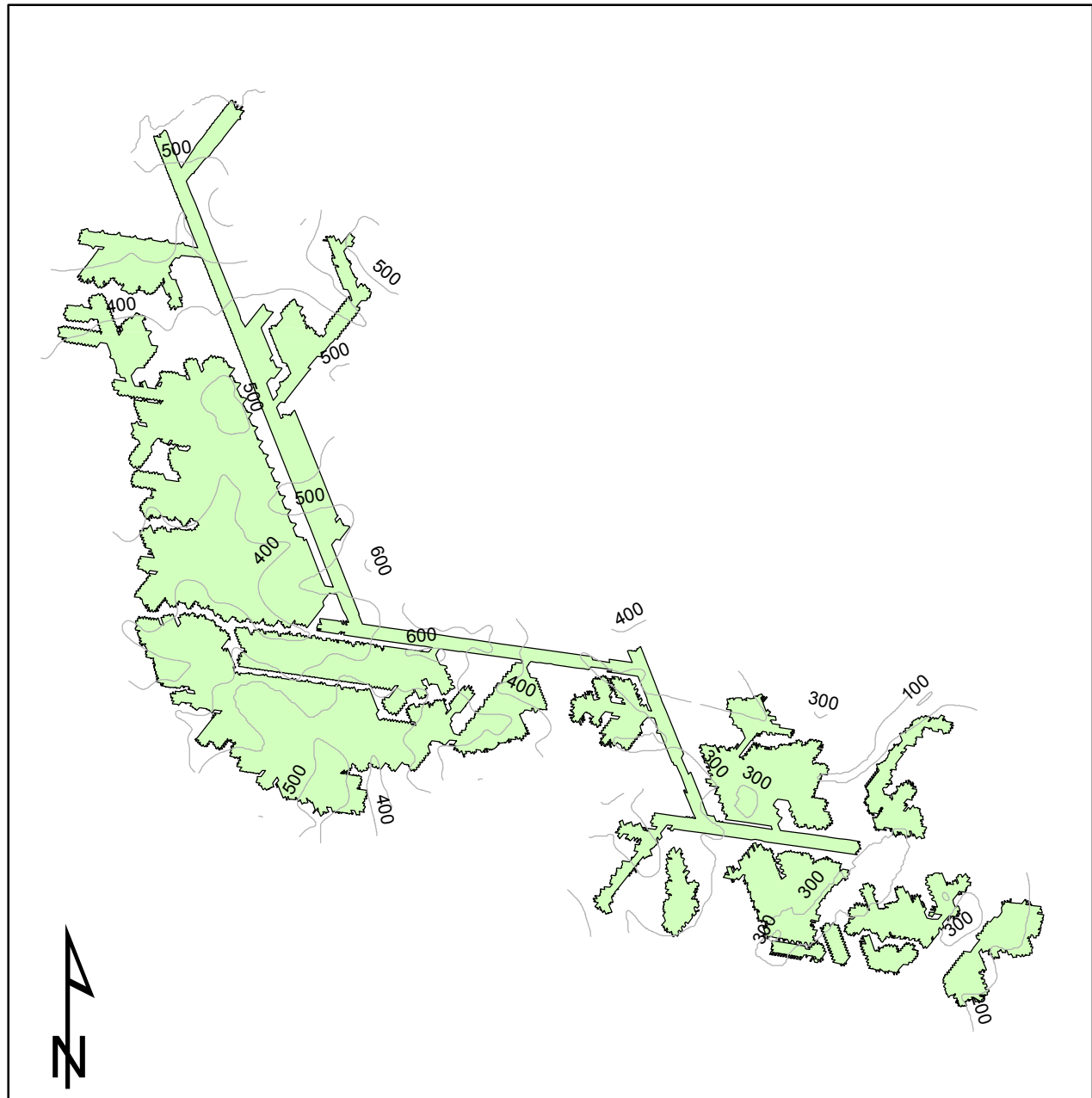
Armstrong County

## Map Key

- Highways
- Streams
- State Roads
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Clementine No.1 Mine Mining Areas and Overburden Contours



0 0.4 0.8 1.6 Miles



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Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



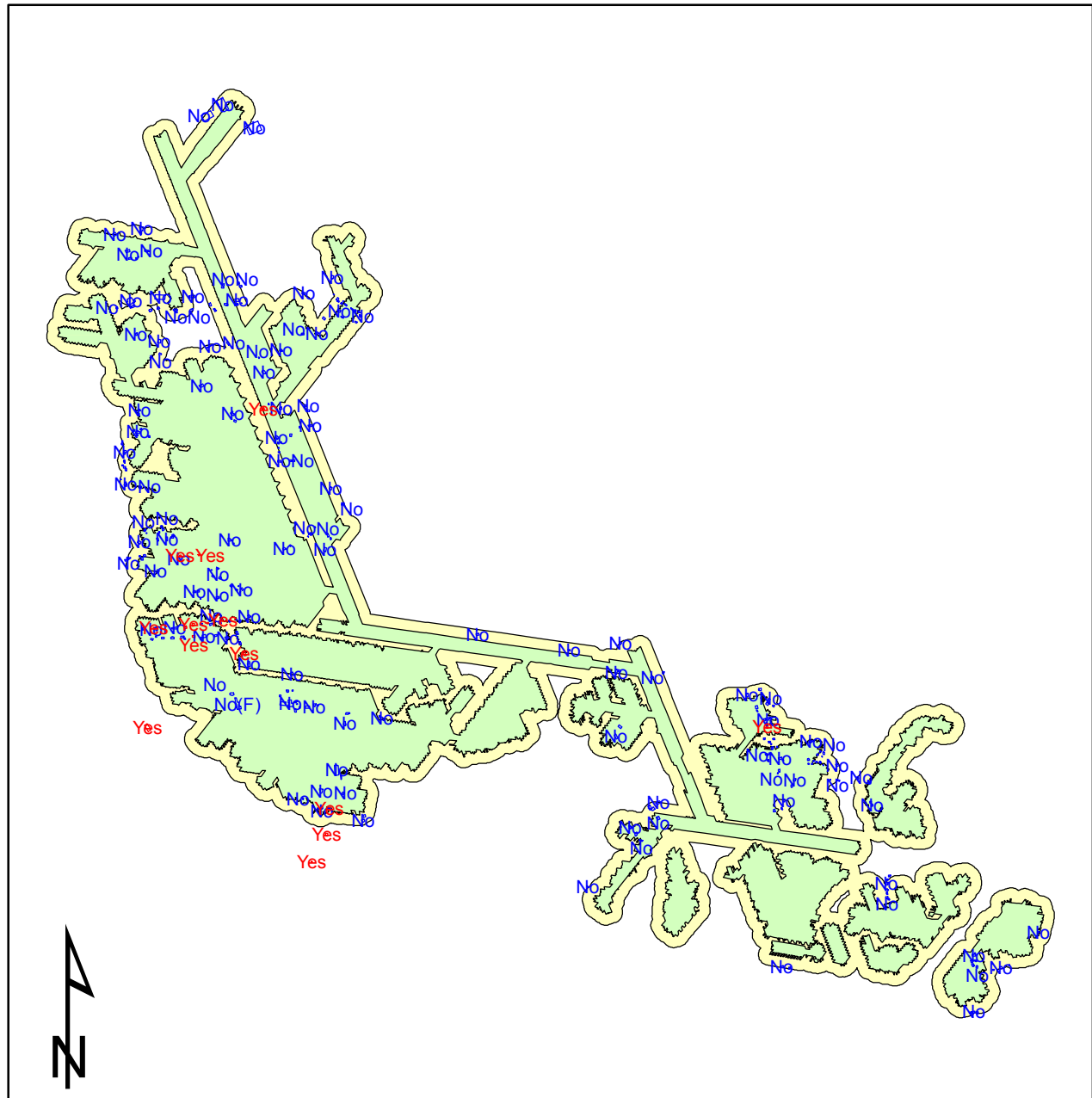
Armstrong County

## Map Key

- Overburden Contour
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Clementine No.1 Mine Mining Areas, 200-ft Buffer and Structures



0 0.35 0.7 1.4 Miles



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Prepared by:  
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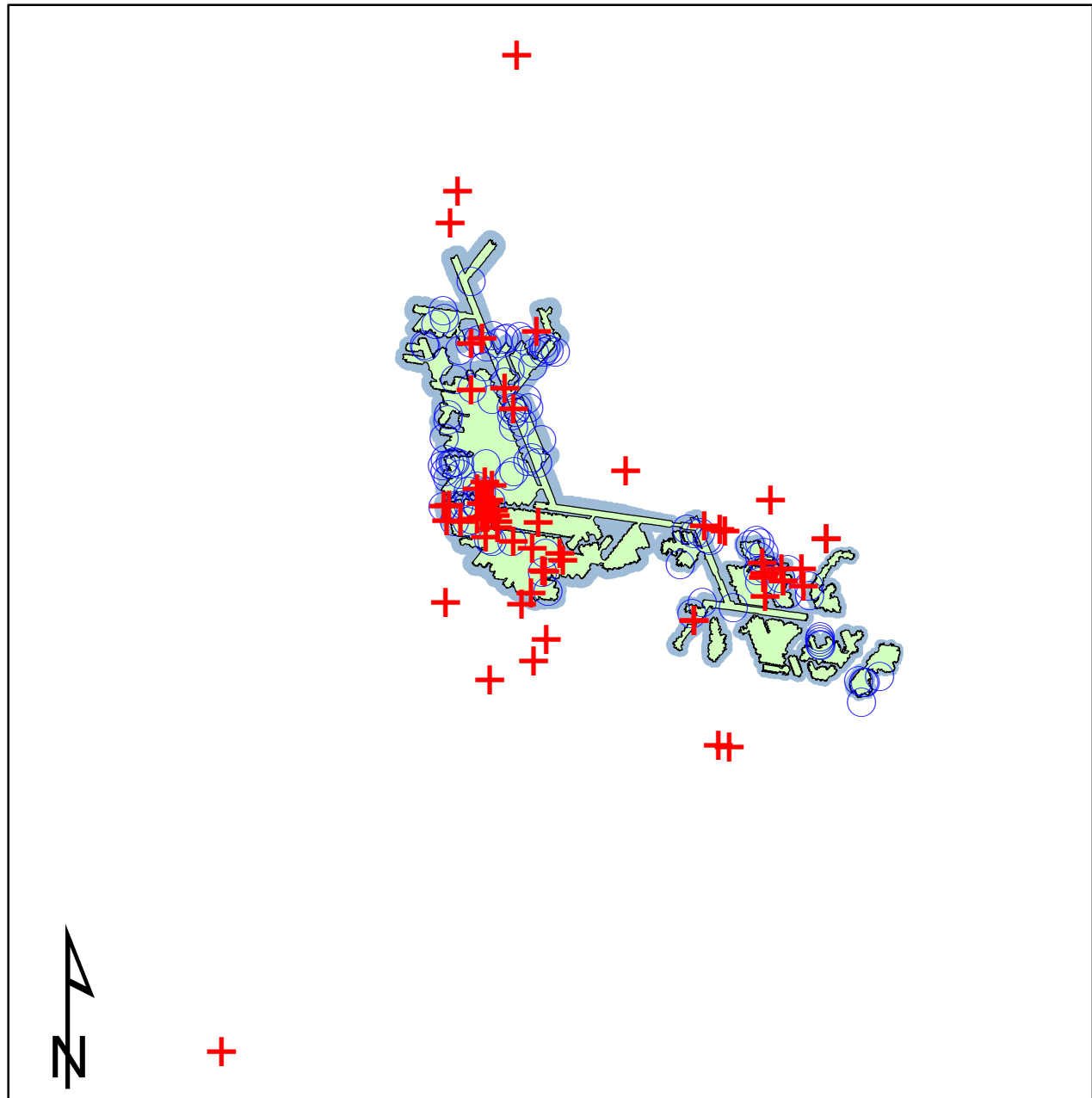
Armstrong County

## Map Key

- Yes=Structures with reported effects
- No=Structures with no reported effects
- Room-and-Pillar
- 200-ft Buffer

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Clementine No.1 Mine Mining Areas, Watersources and RPZ



0 0.5 1 2 Miles



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Prepared by:  
University of Pittsburgh



Armstrong County

## Map Key



*Watersources with  
reported effects*



*Watersources with  
no reported effects*



Room-and-Pillar

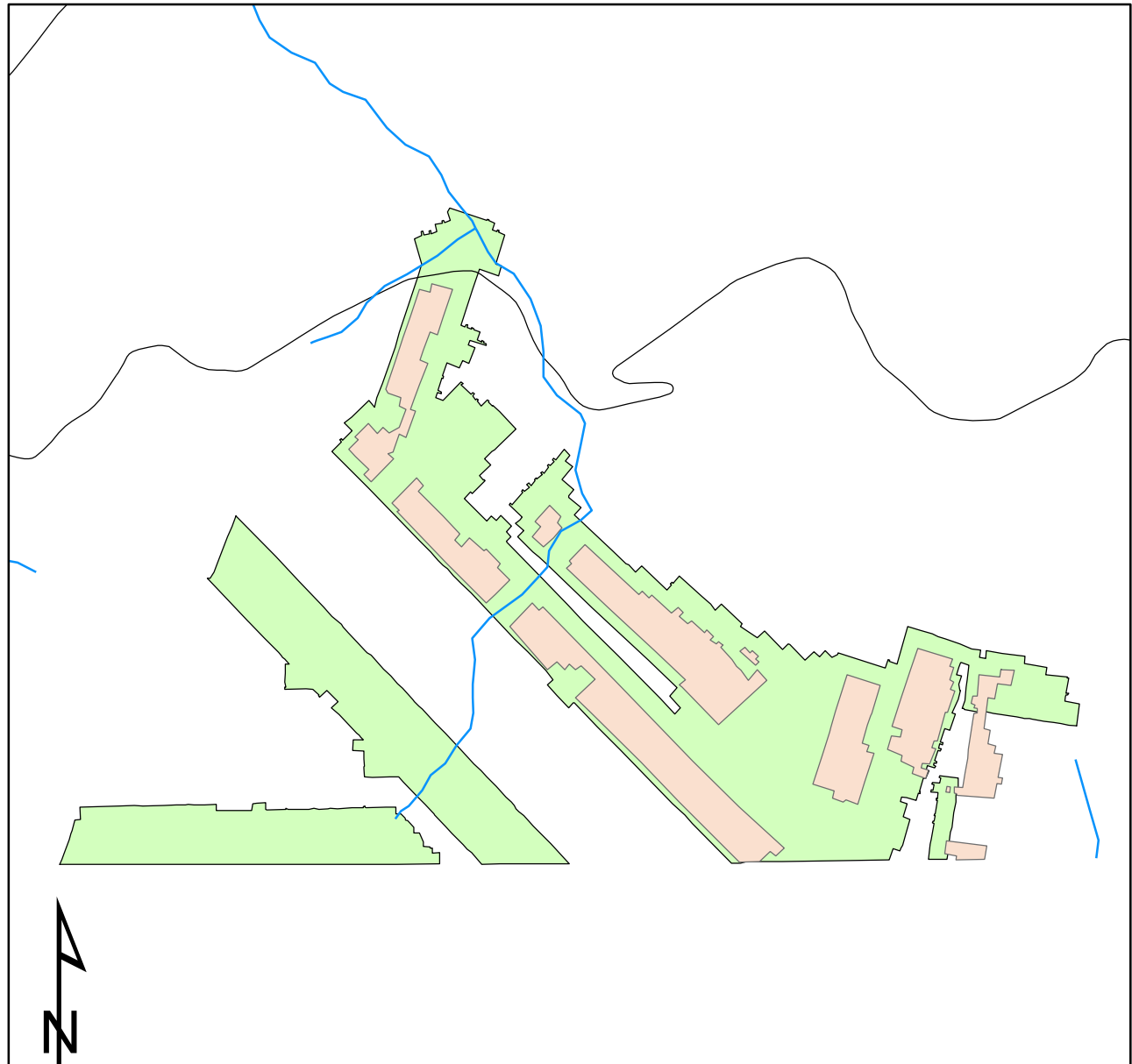


RPZ

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Crawdad No.1 Mine

## Mining Areas, Major Roads and Streams



0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh

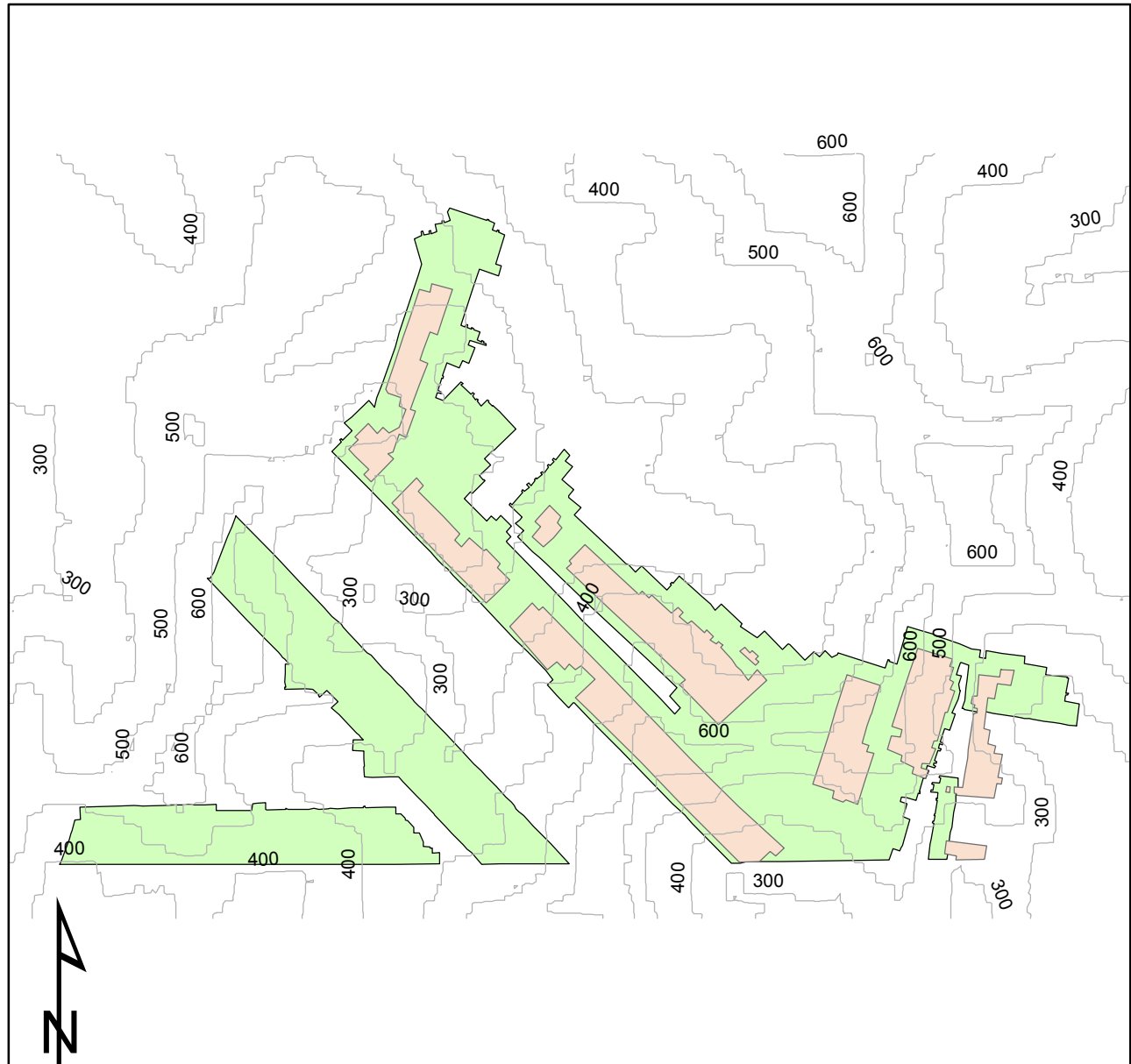


### Map Key

- Highways
- Streams
- State Roads
- Pillar Recovery
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Crawdad No.1 Mine Mining Areas and Overburden Contours



0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



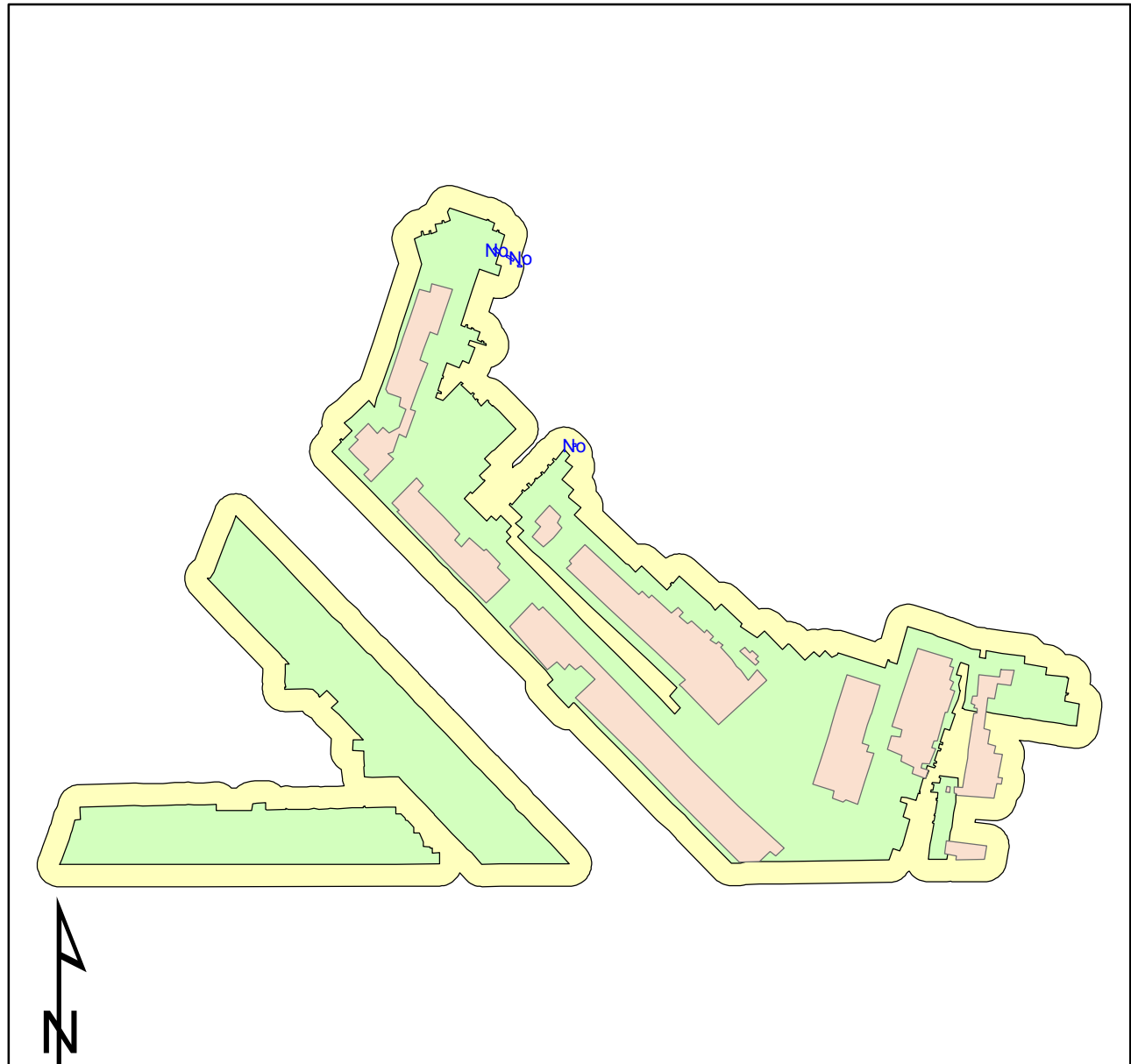
## Map Key

- Overburden Contour
- Orange-shaded area: Pillar Recovery
- Green-shaded area: Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Crawdad No.1 Mine

## Mining Areas, 200-ft Buffer and Structures



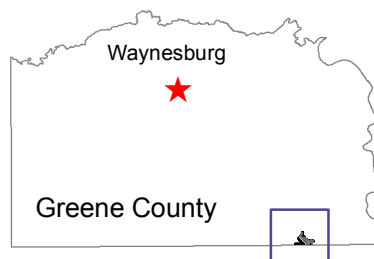
0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



### Map Key

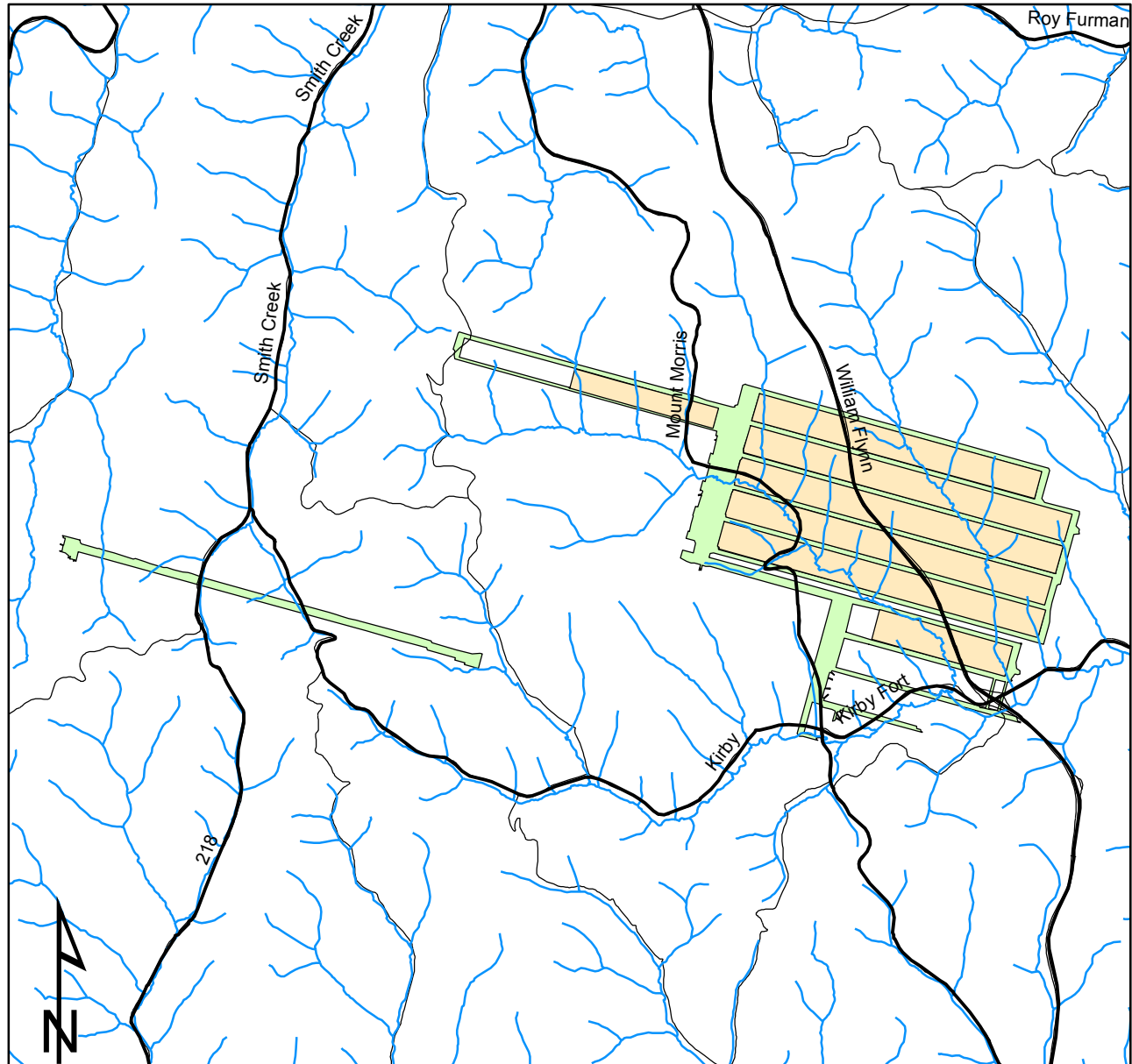
- No=Structures with no reported effects
- Pillar Recovery
- Room-and-Pillar
- 200-ft Buffer



Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Cumberland Mine

## Mining Areas, Major Roads and Streams



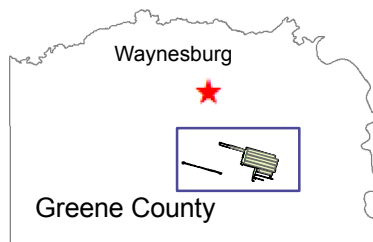
0 0.5 1 2 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



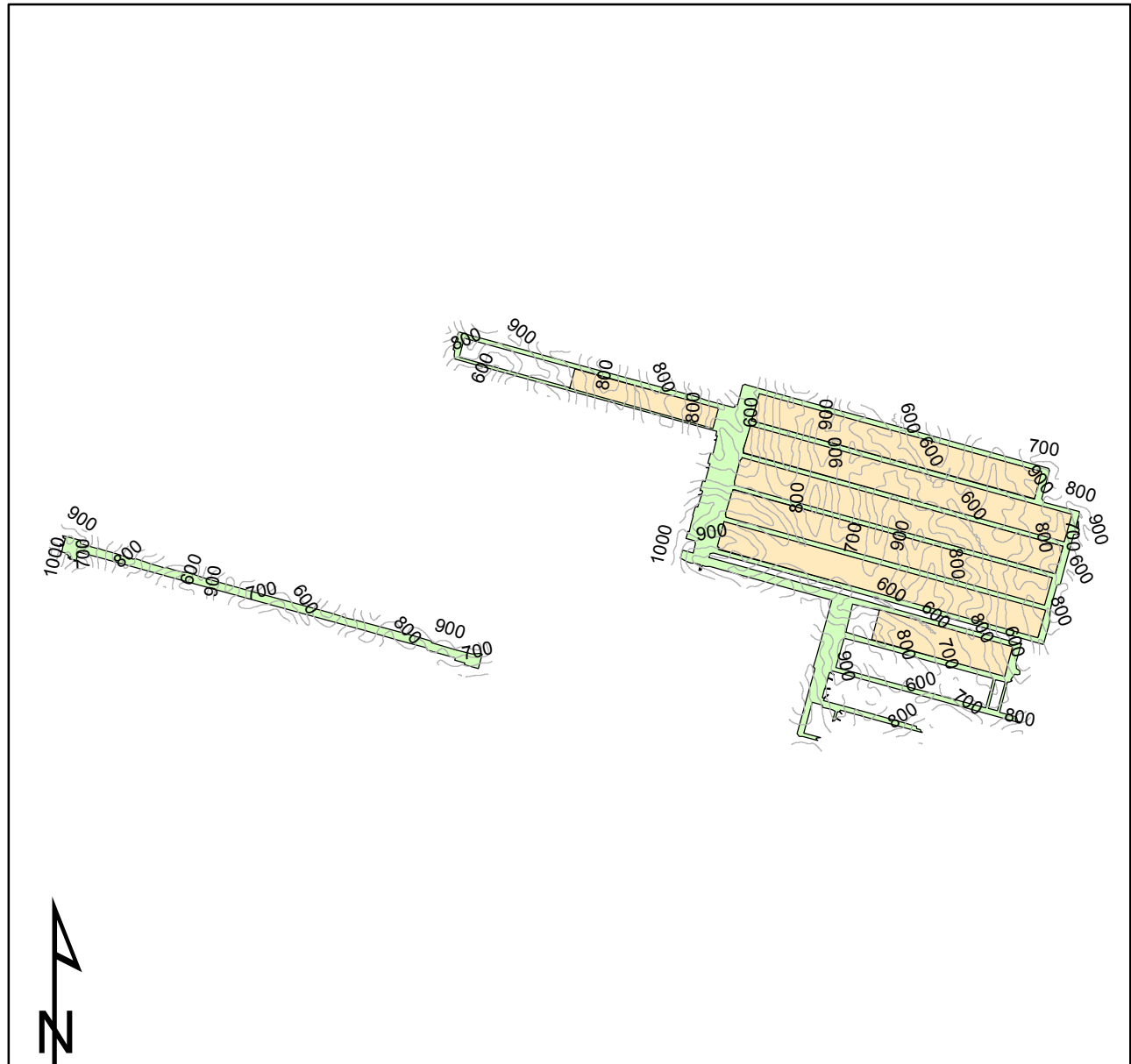
### Map Key

- Highways
- Streams
- State Roads
- Orange Box Longwall Panel
- Green Box Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Cumberland Mine

## Mining Areas and Overburden Contours



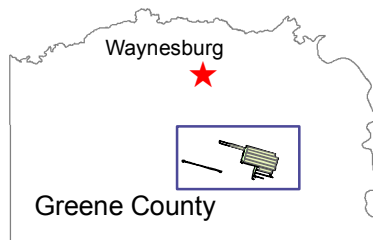
0 0.5 1 2 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



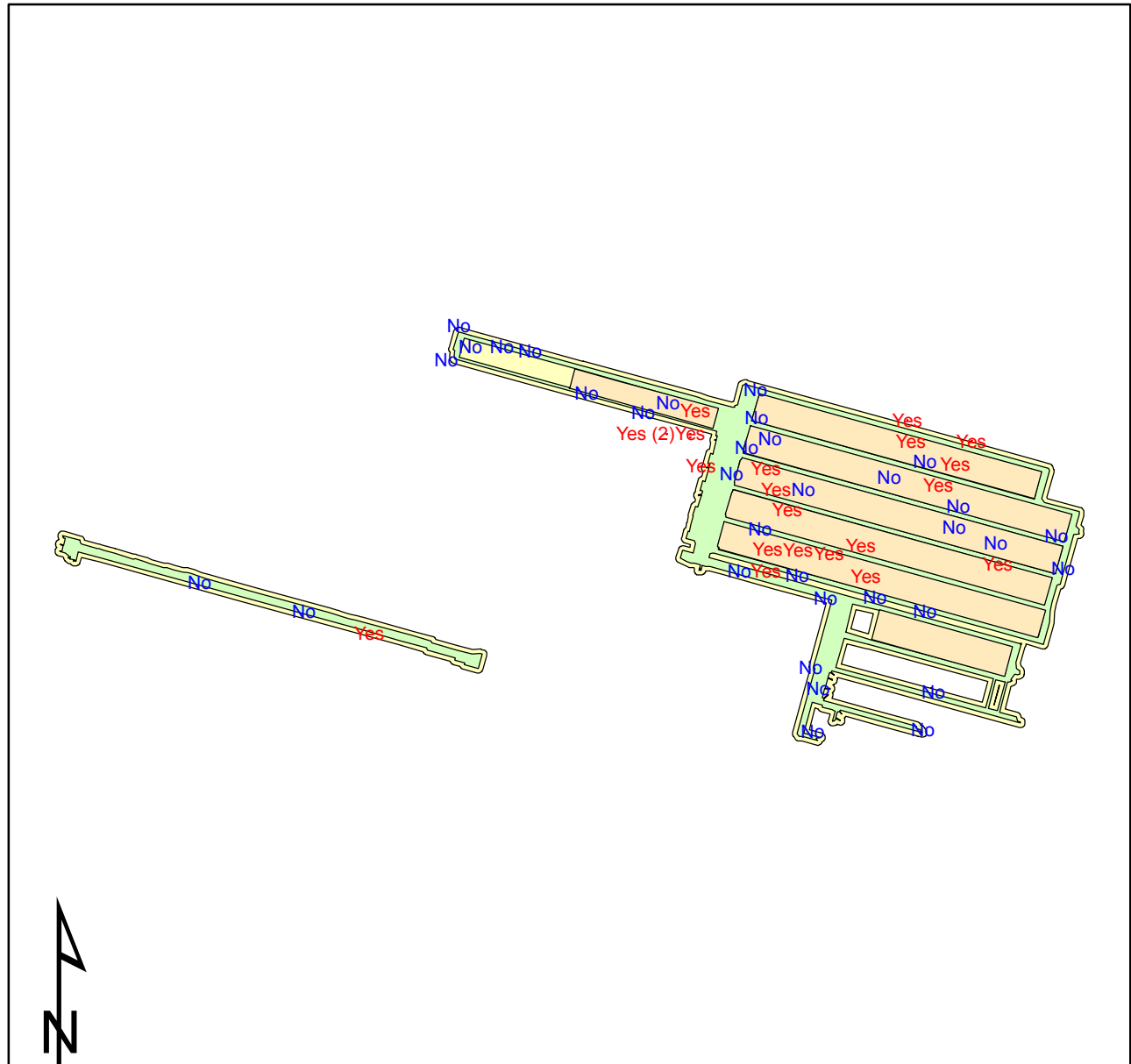
### Map Key

- Overburden Contour
- Longwall Panel
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Cumberland Mine

## Mining Areas, 200-ft Buffer and Structures



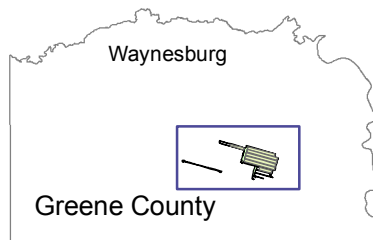
0 0.5 1 2 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh

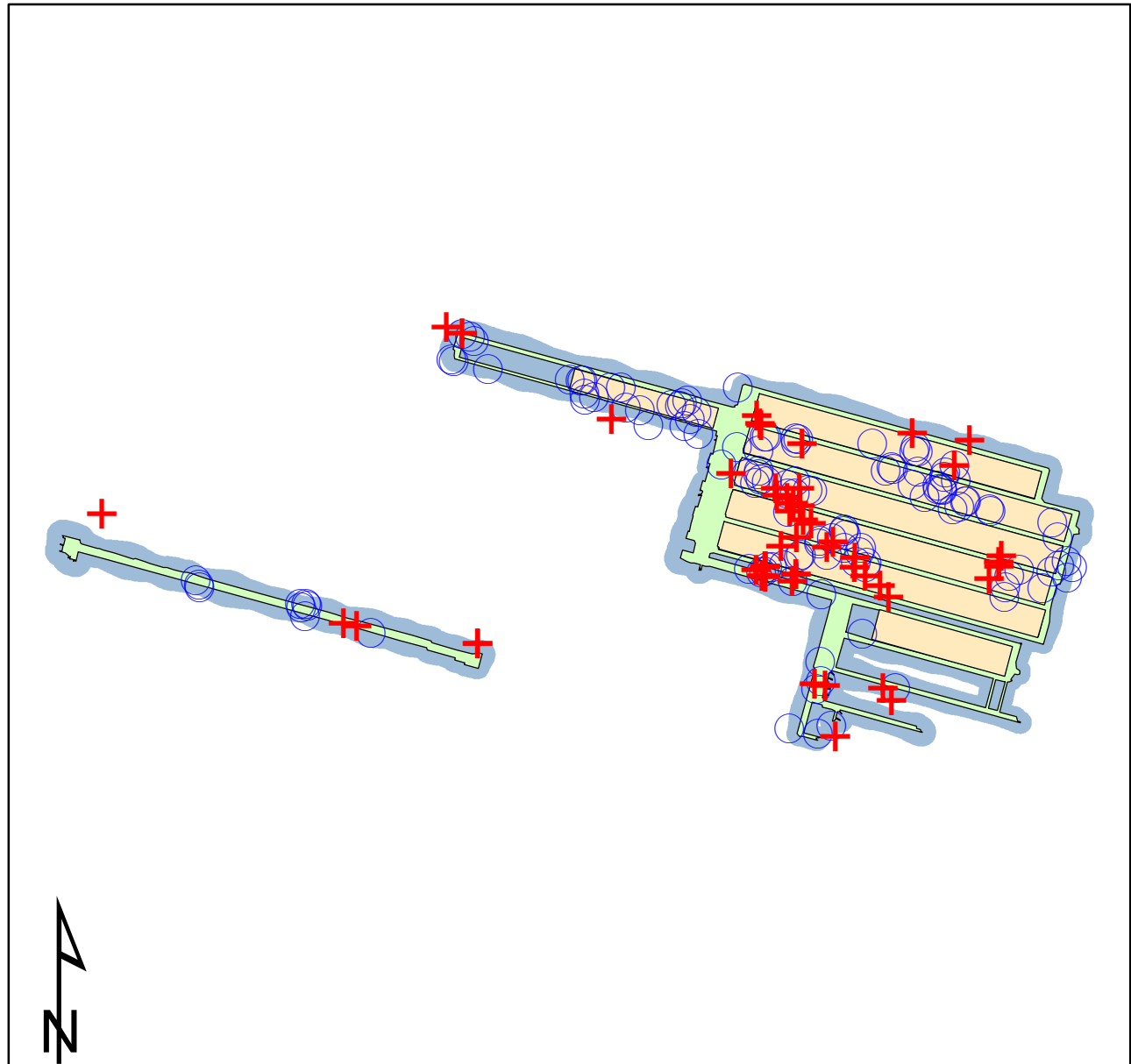


### Map Key

- Yes=Structures with reported effects
- No=Structures with no reported effects
- Longwall Panel
- Room-and-Pillar
- 200-ft Buffer

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Cumberland Mine Mining Areas, Watersources and RPZ



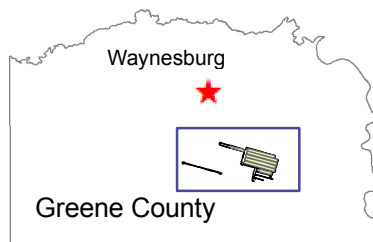
0 0.5 1 2 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



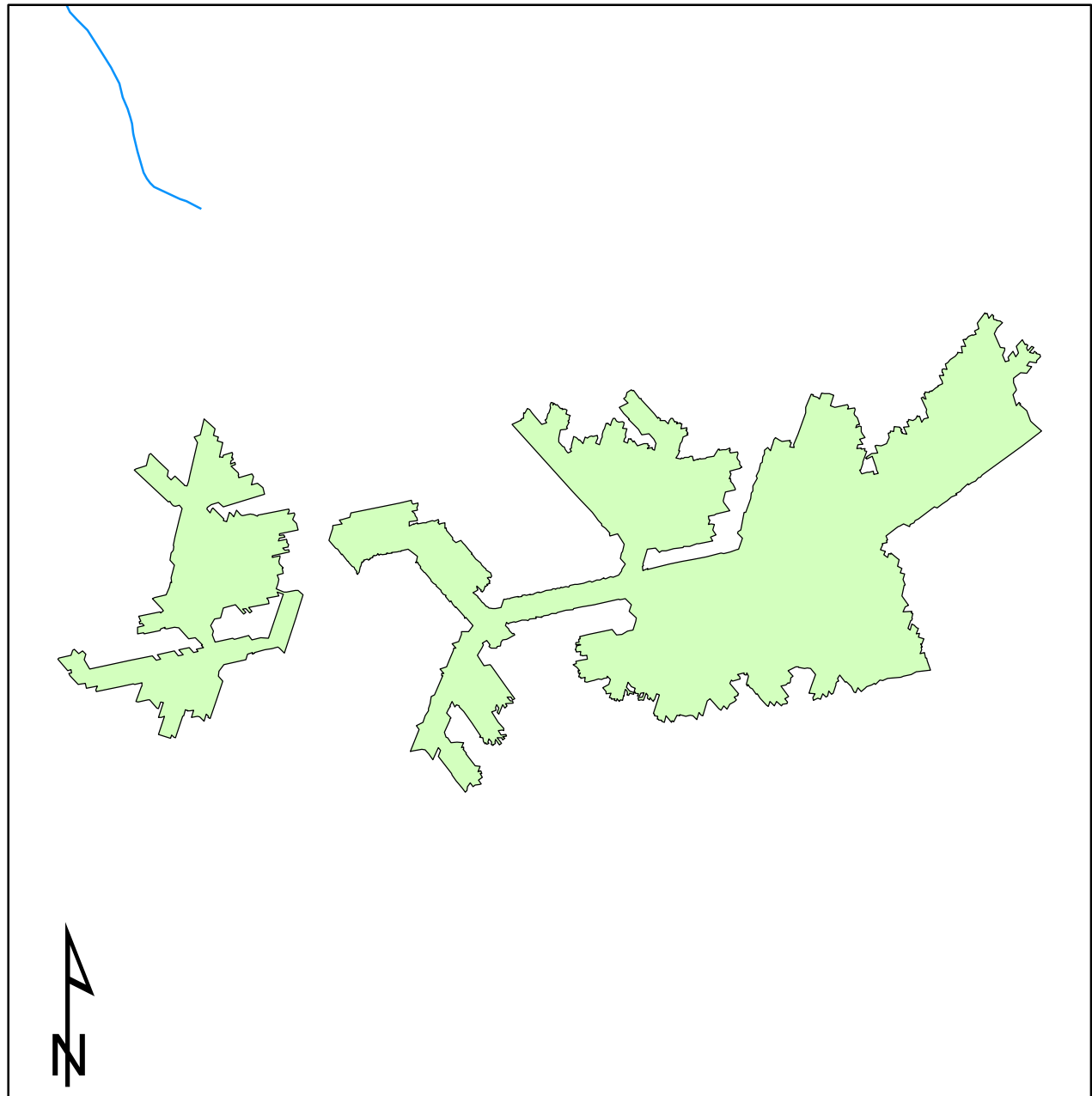
## Map Key

- + *Watersources with reported effects*
- *Watersources with no reported effects*
- Longwall Panel
- Room-and-Pillar
- RPZ


Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.


# Darmac No.2 Mine

## Mining Areas, Major Roads and Streams



0 0.15 0.3 0.6 Miles

 Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)

 Prepared by:  
University of Pittsburgh

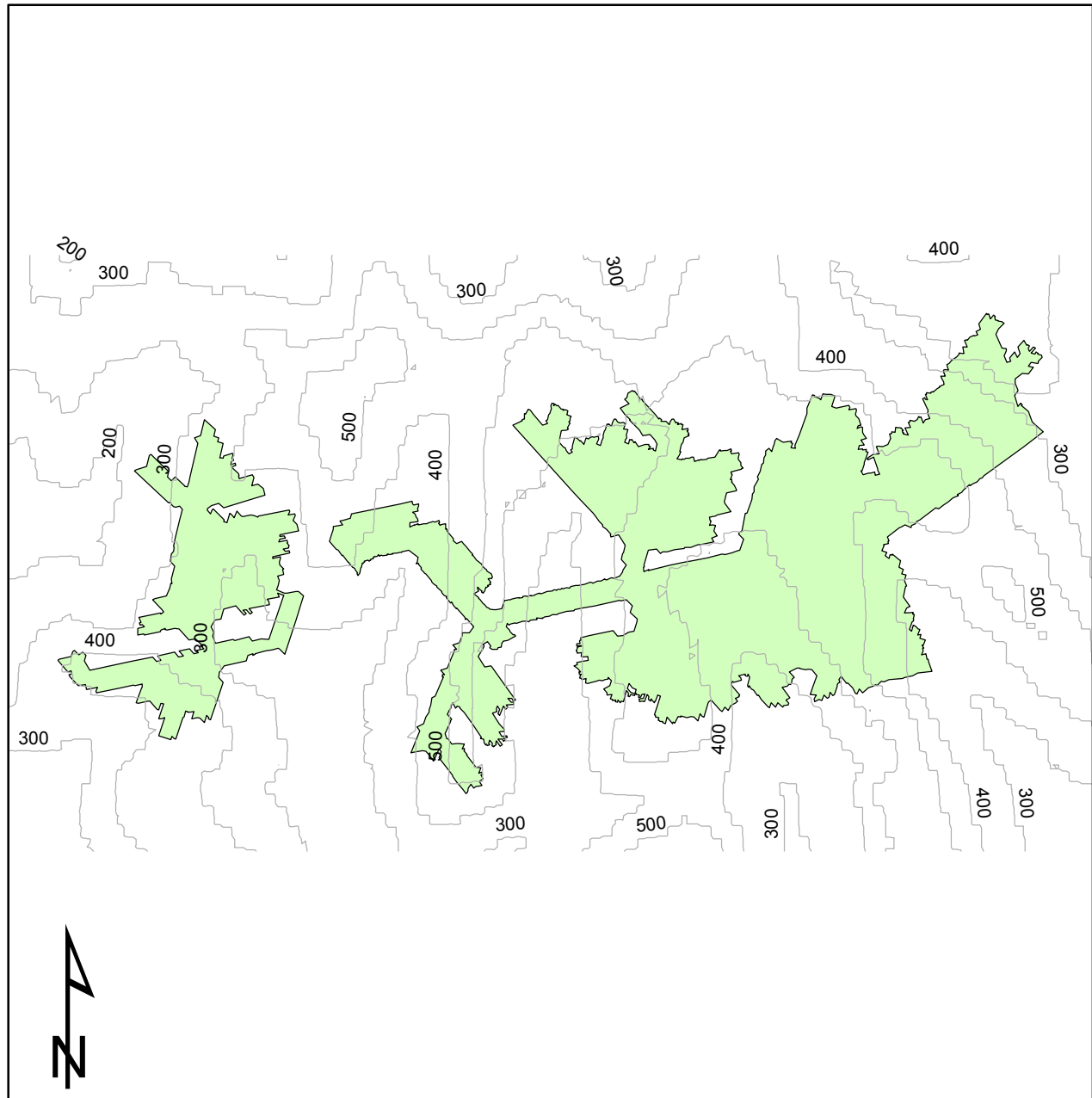


### Map Key

- Highways
- Streams
- State Roads
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Darmac No.2 Mine Mining Areas and Overburden Contours



0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



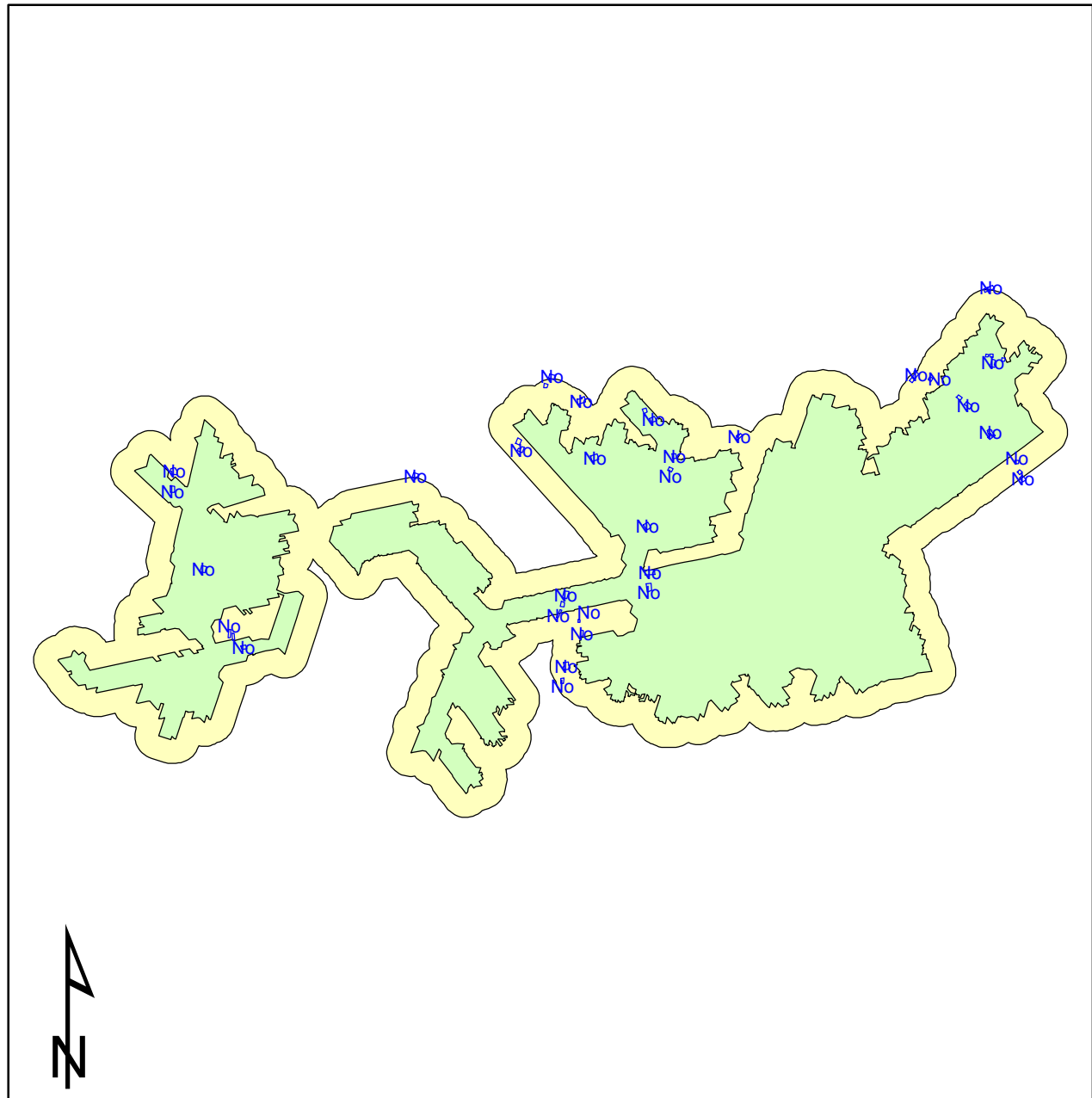
Armstrong County

## Map Key

- Overburden Contour
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Darmac No.2 Mine Mining Areas, 200-ft Buffer and Structures



0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)






Prepared by:  
University of Pittsburgh



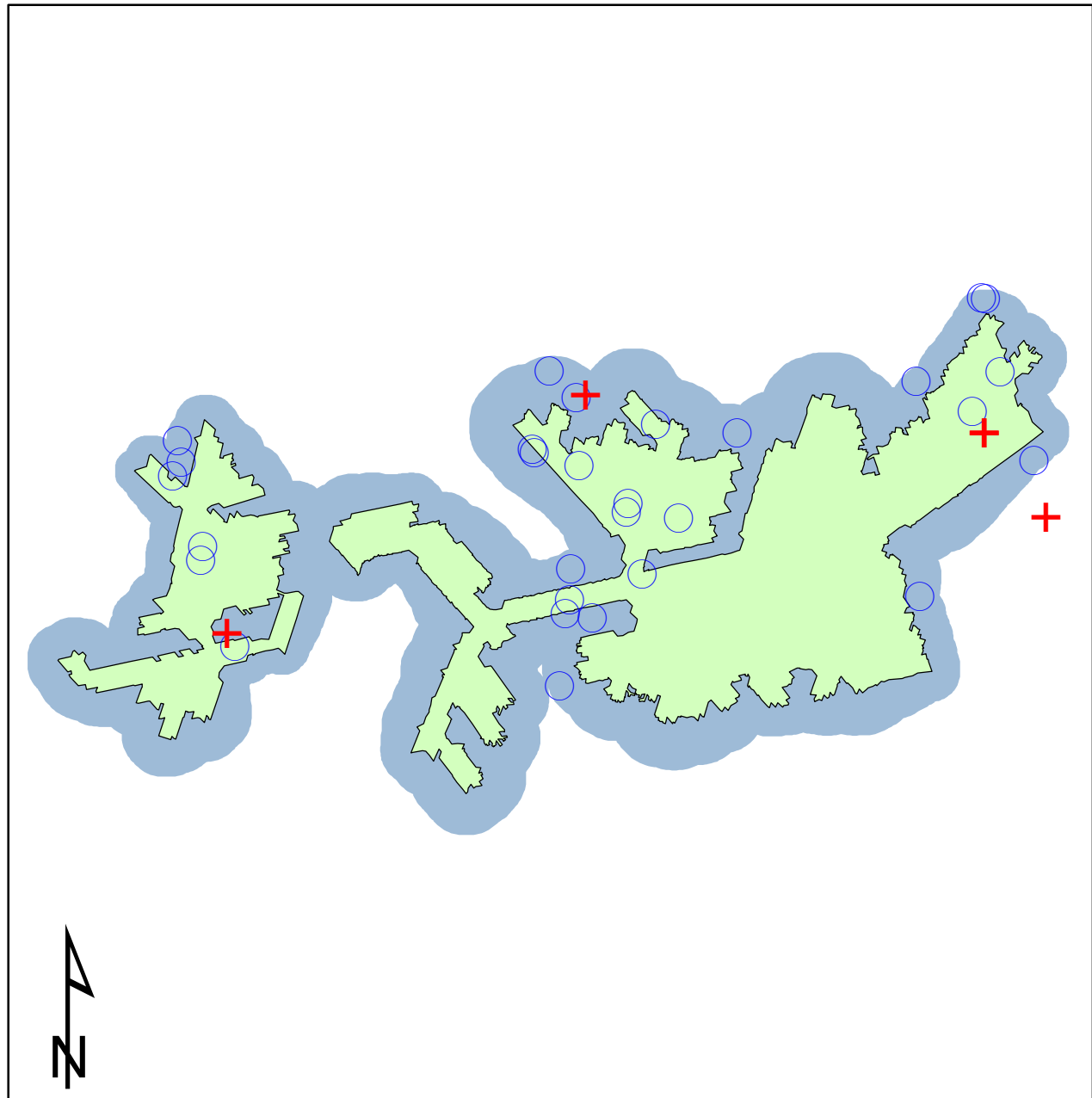
Armstrong County

## Map Key

-  No=Structures with  
no reported effects
-  Room-and-Pillar
-  200-ft Buffer

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Darmac No.2 Mine Mining Areas, Watersources and RPZ



0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)







Prepared by:  
University of Pittsburgh



Armstrong County

## Map Key

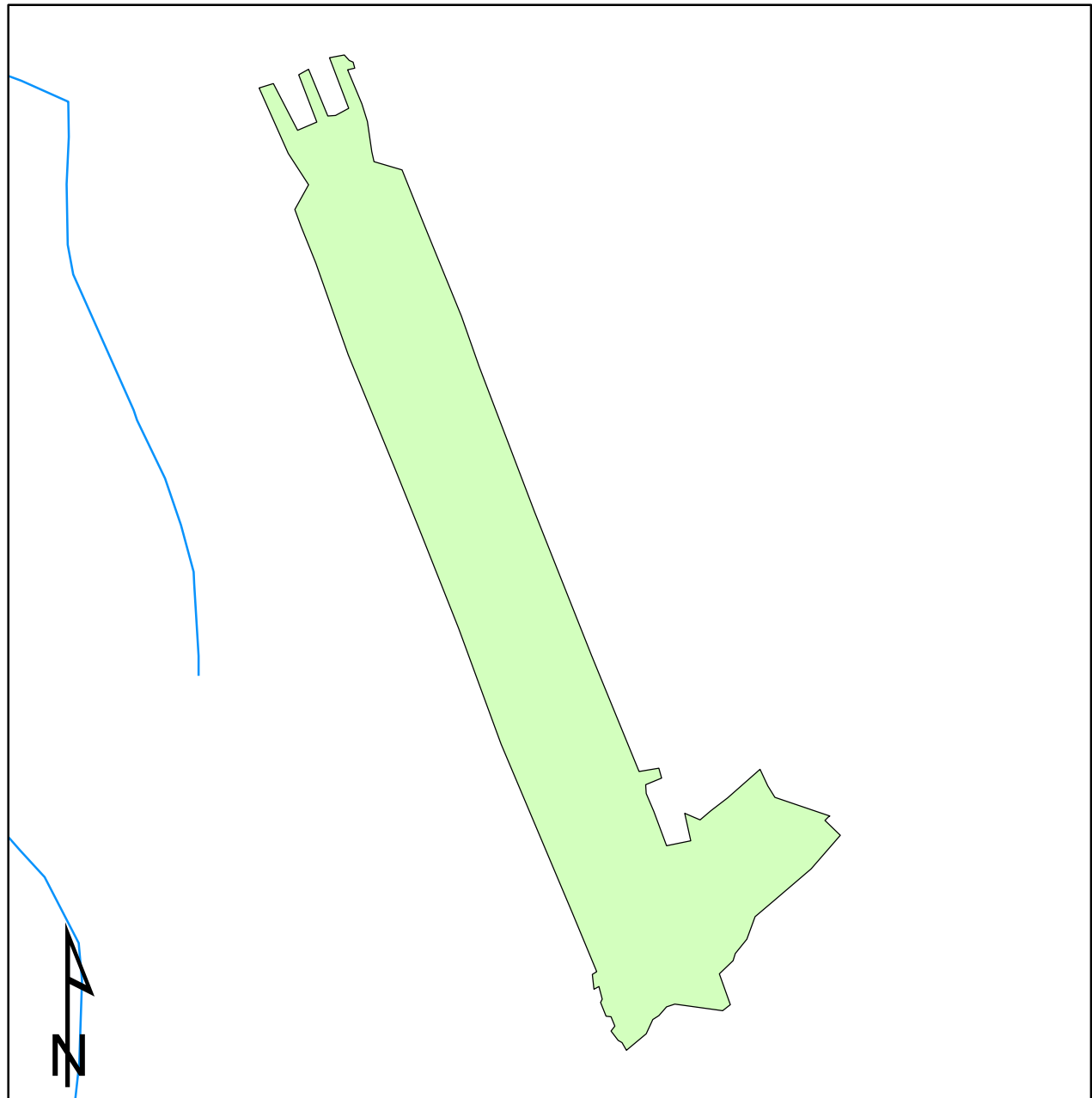
-  *Watersources with reported effects*
-  *Watersources with no reported effects*
-  Room-and-Pillar
-  RPZ



Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Darmac No.3 Mine

## Mining Areas, Major Roads and Streams



0 0.035 0.07 0.14 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



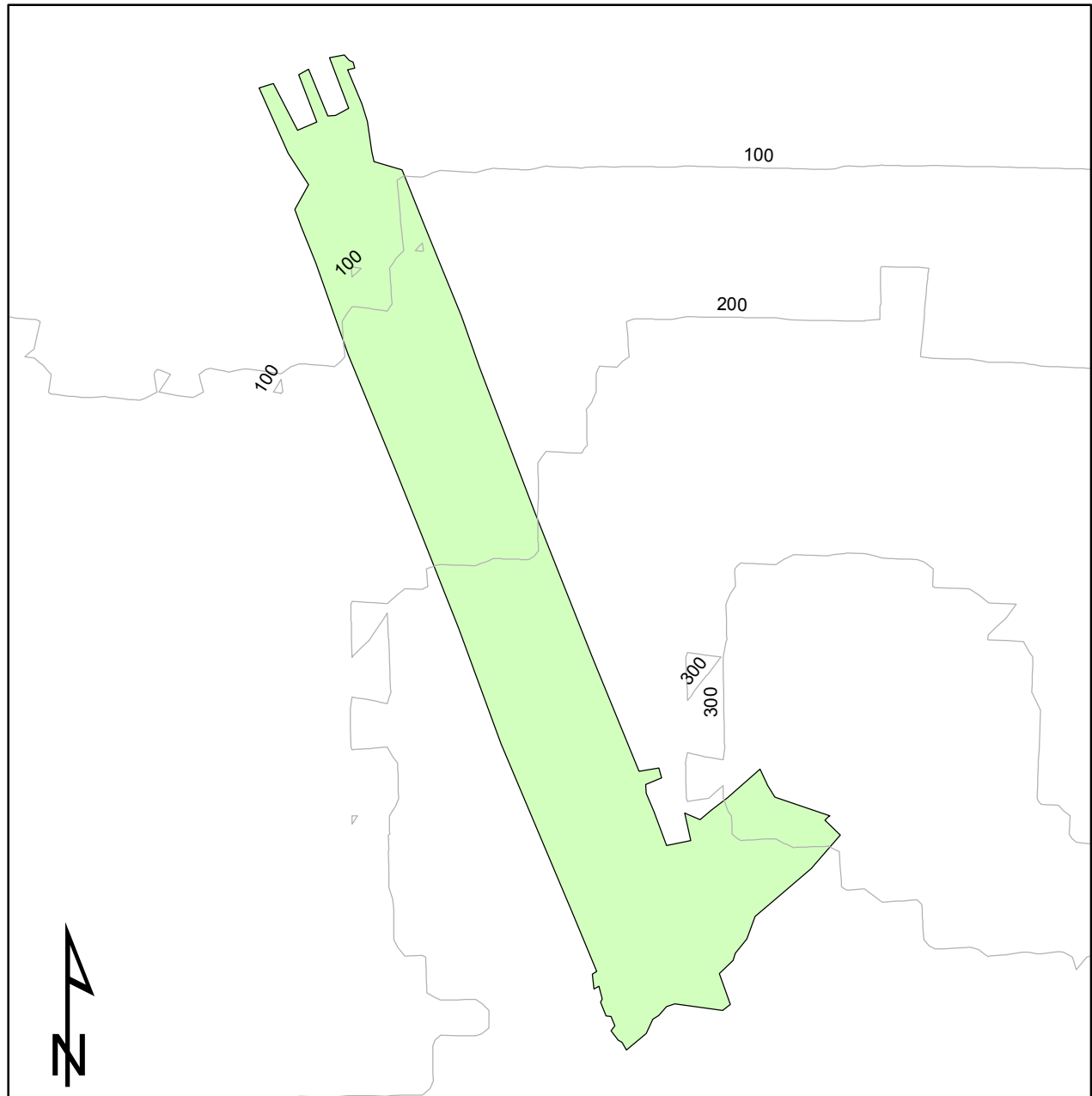
Armstrong County

### Map Key

- Highways
- Streams
- State Roads
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Darmac No.3 Mine Mining Areas and Overburden Contours



0 0.035 0.07 0.14 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



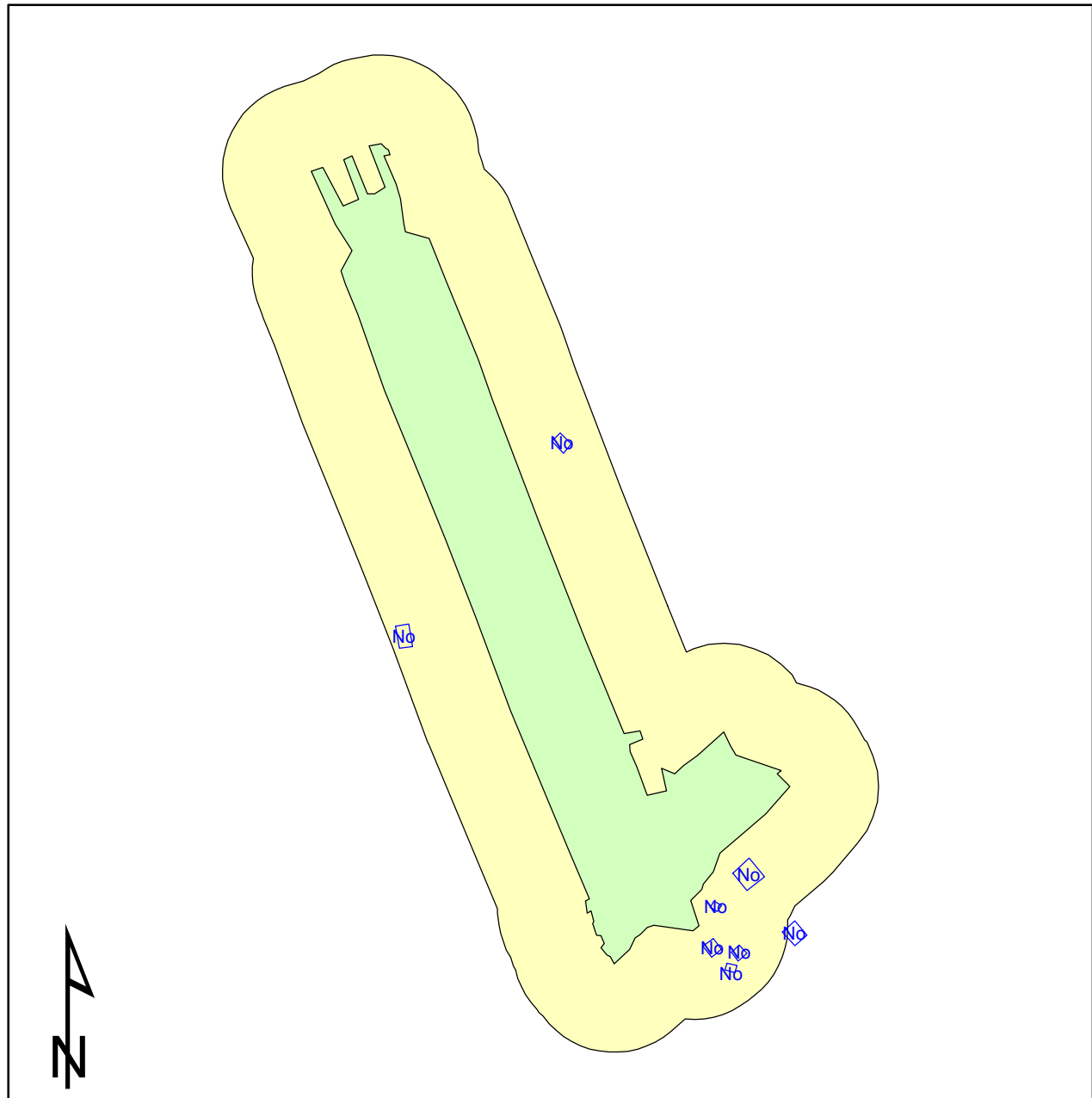
Armstrong County

## Map Key

- Overburden Contour
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Darmac No.3 Mine Mining Areas, 200-ft Buffer and Structures



0 0.045 0.09 0.18 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Armstrong County

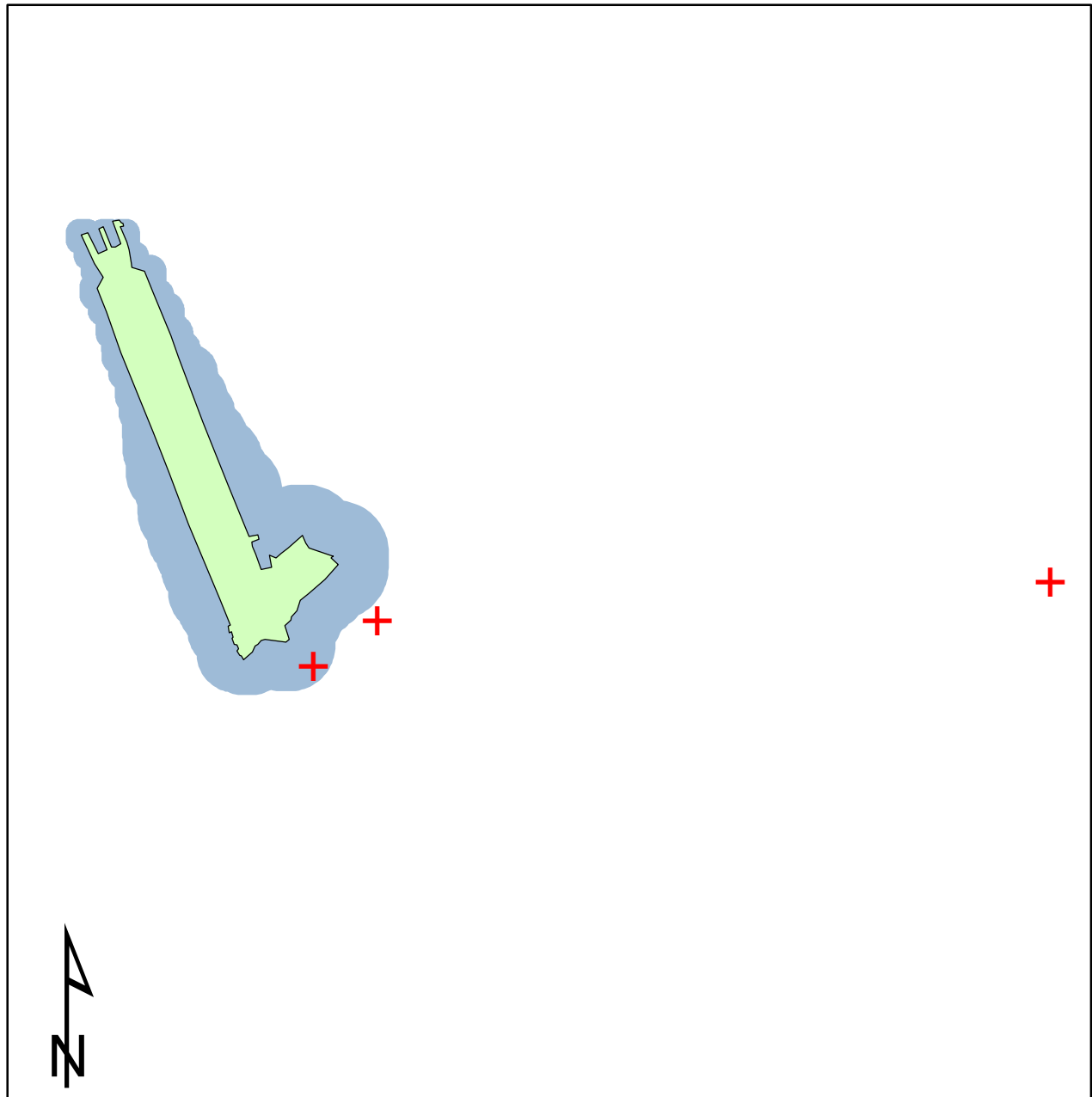
## Map Key

- No=Structures with no reported effects
- Room-and-Pillar
- 200-ft Buffer

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Darmac No.3 Mine

## Mining Areas, Watersources and RPZ



0 0.05 0.1 0.2 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Armstrong County

### Map Key



*Watersources with  
reported effects*



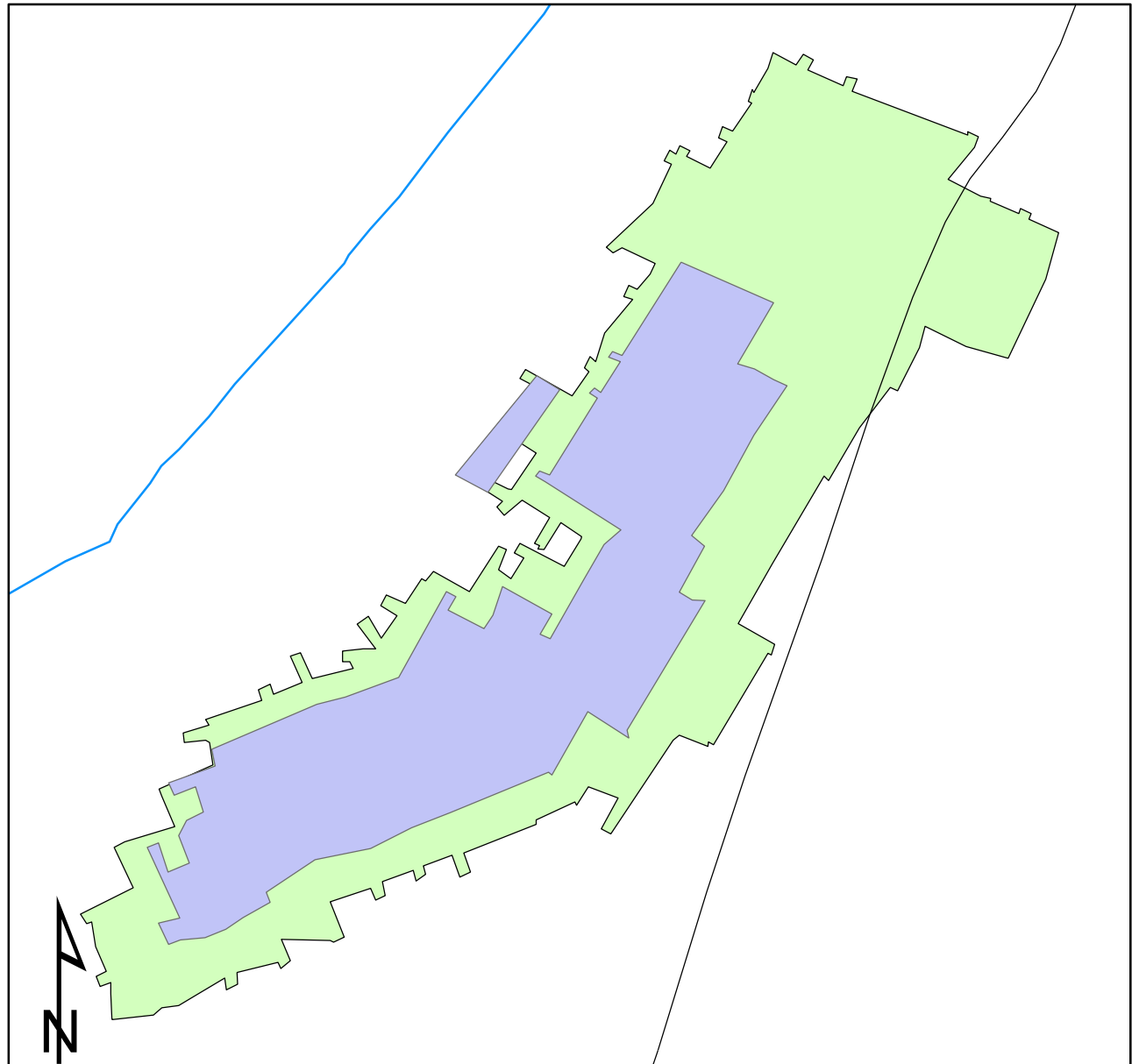
Room-and-Pillar



RPZ

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Dooley Run Mine Mining Areas, Major Roads and Streams



0 0.03 0.06 0.12 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh

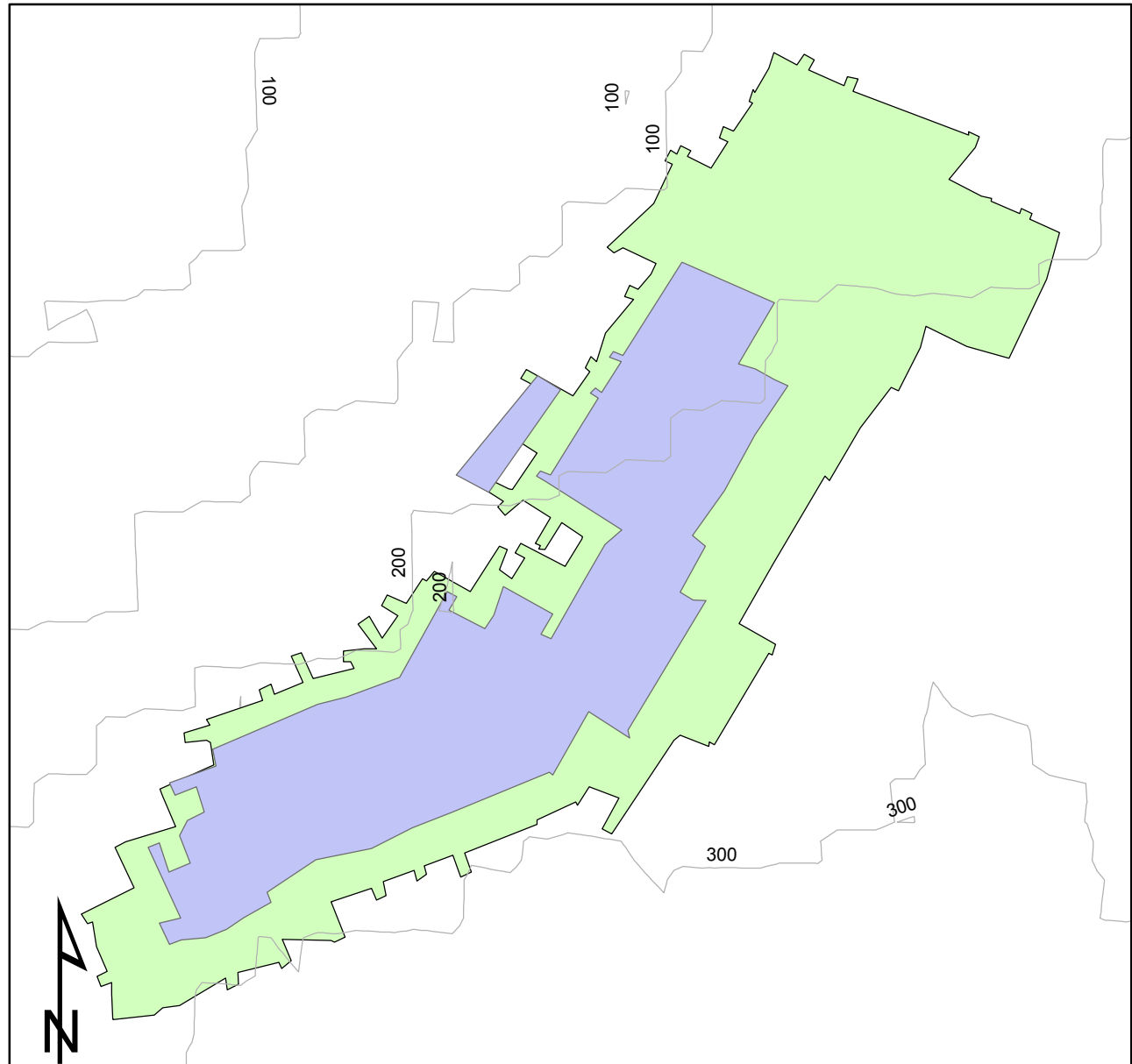


## Map Key

- Highways
- Streams
- State Roads
- Pillar Recovery
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Dooley Run Mine Mining Areas and Overburden Contours



0 0.03 0.06 0.12 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh

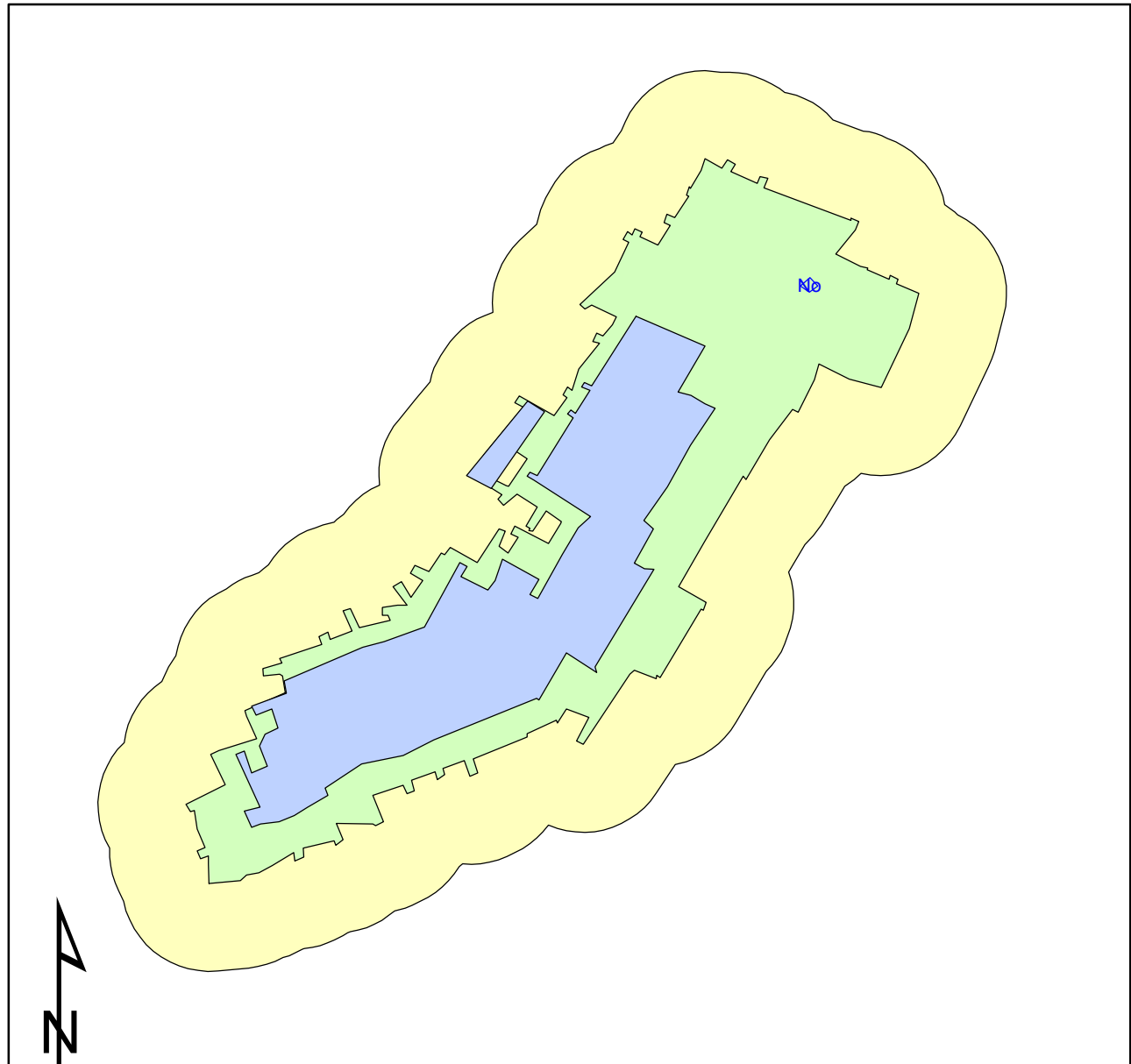


## Map Key

- Overburden Contour
- Pillar Recovery
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Dooley Run Mine Mining Areas, 200-ft Buffer and Structures



0 0.045 0.09 0.18 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



## Map Key

- No=Structures with  
no reported effects
- Pillar Recovery
- Room-and-Pillar
- 200-ft Buffer