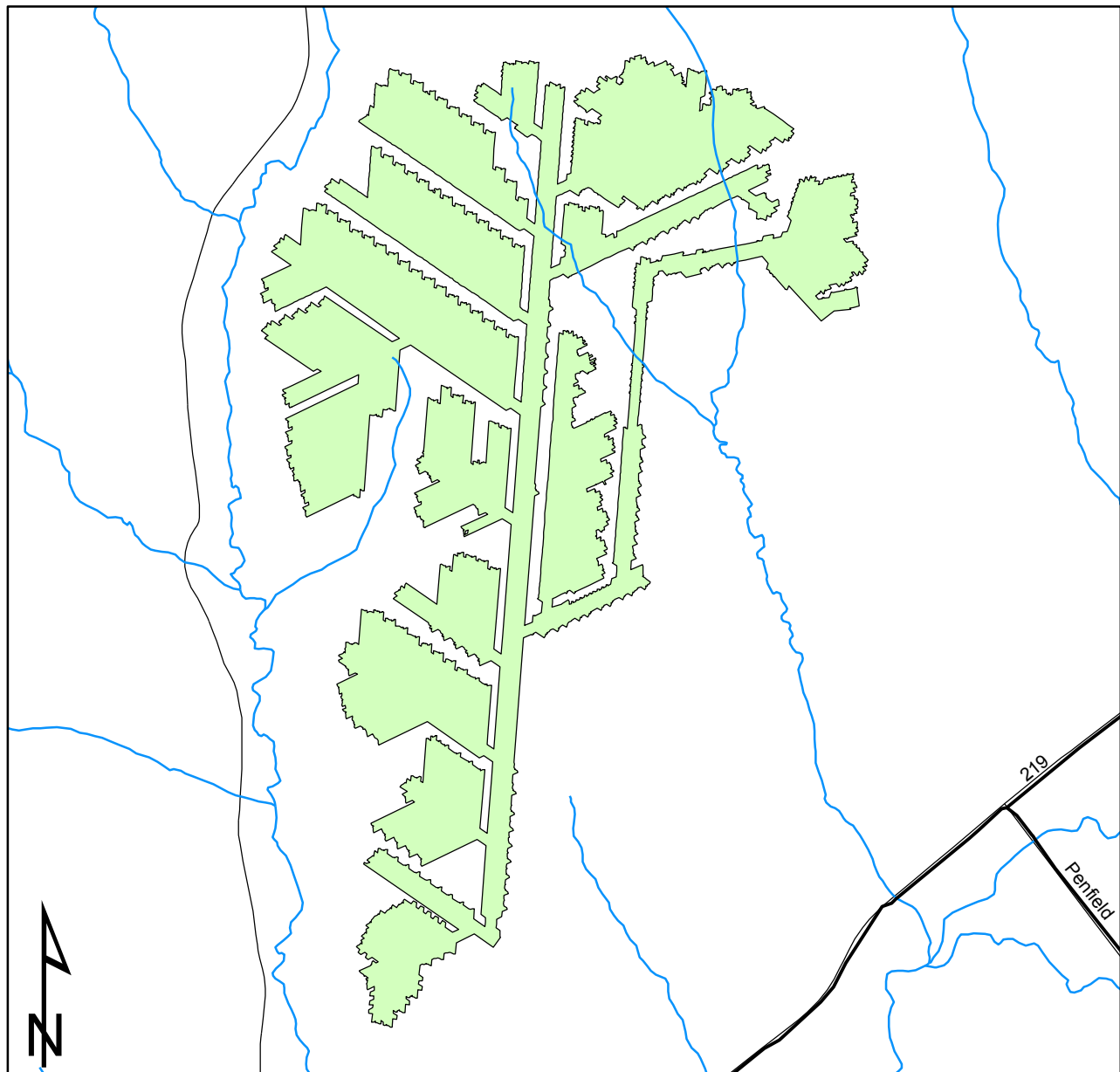


Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Little Toby Mine

## Mining Areas, Major Roads and Streams



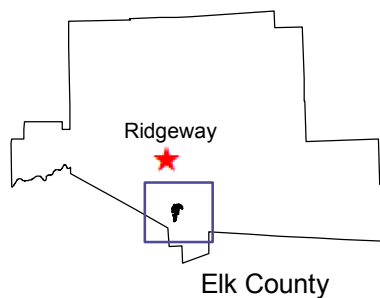
0 0.2 0.4 0.8 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh

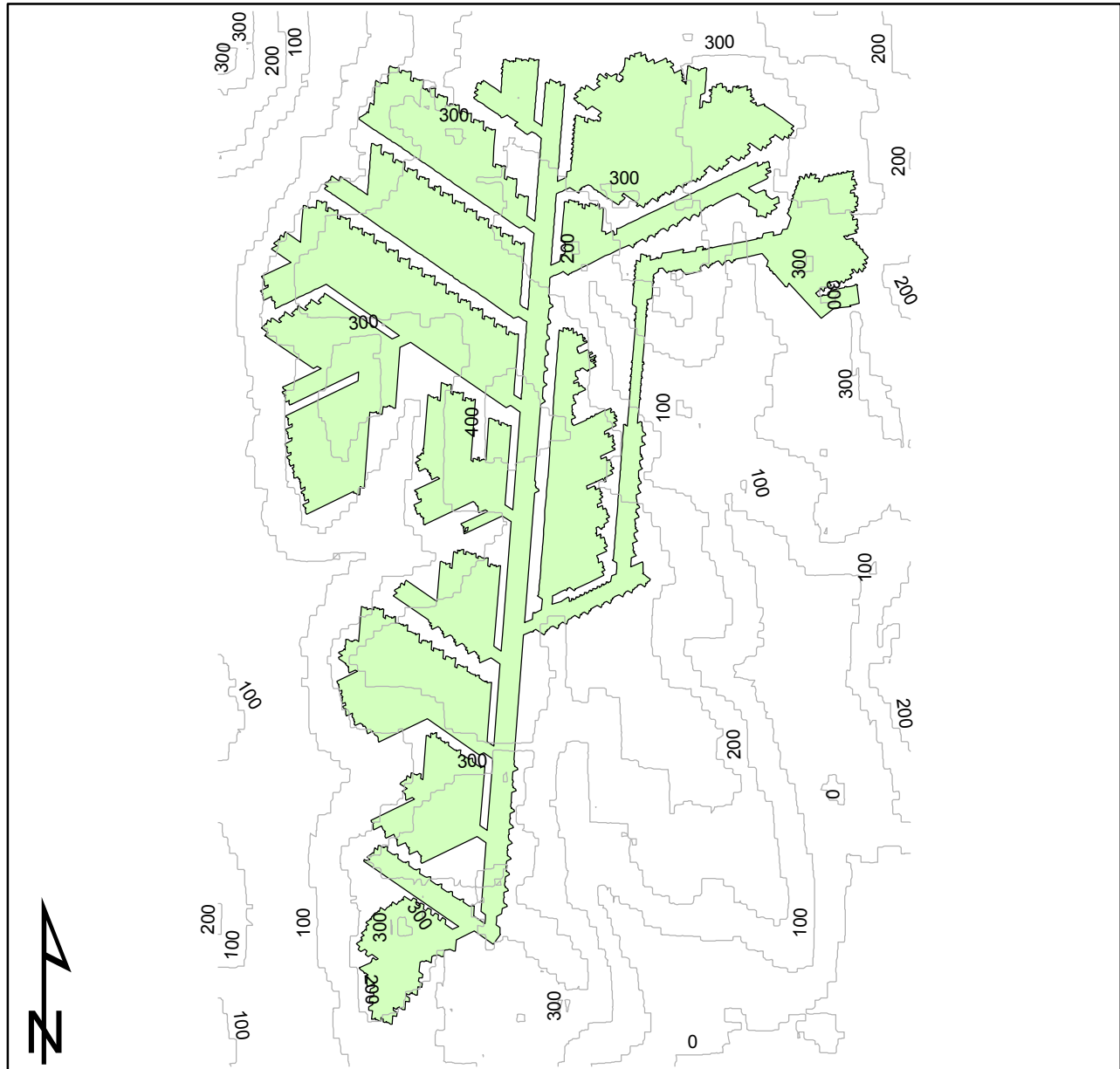


### Map Key

- 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.

# Little Toby Mine Mining Areas and Overburden Contours



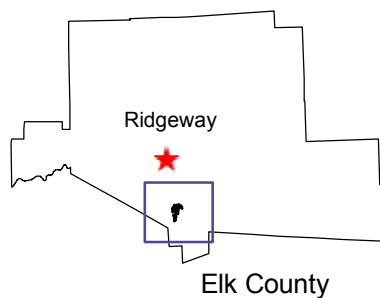
0 0.2 0.4 0.8 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



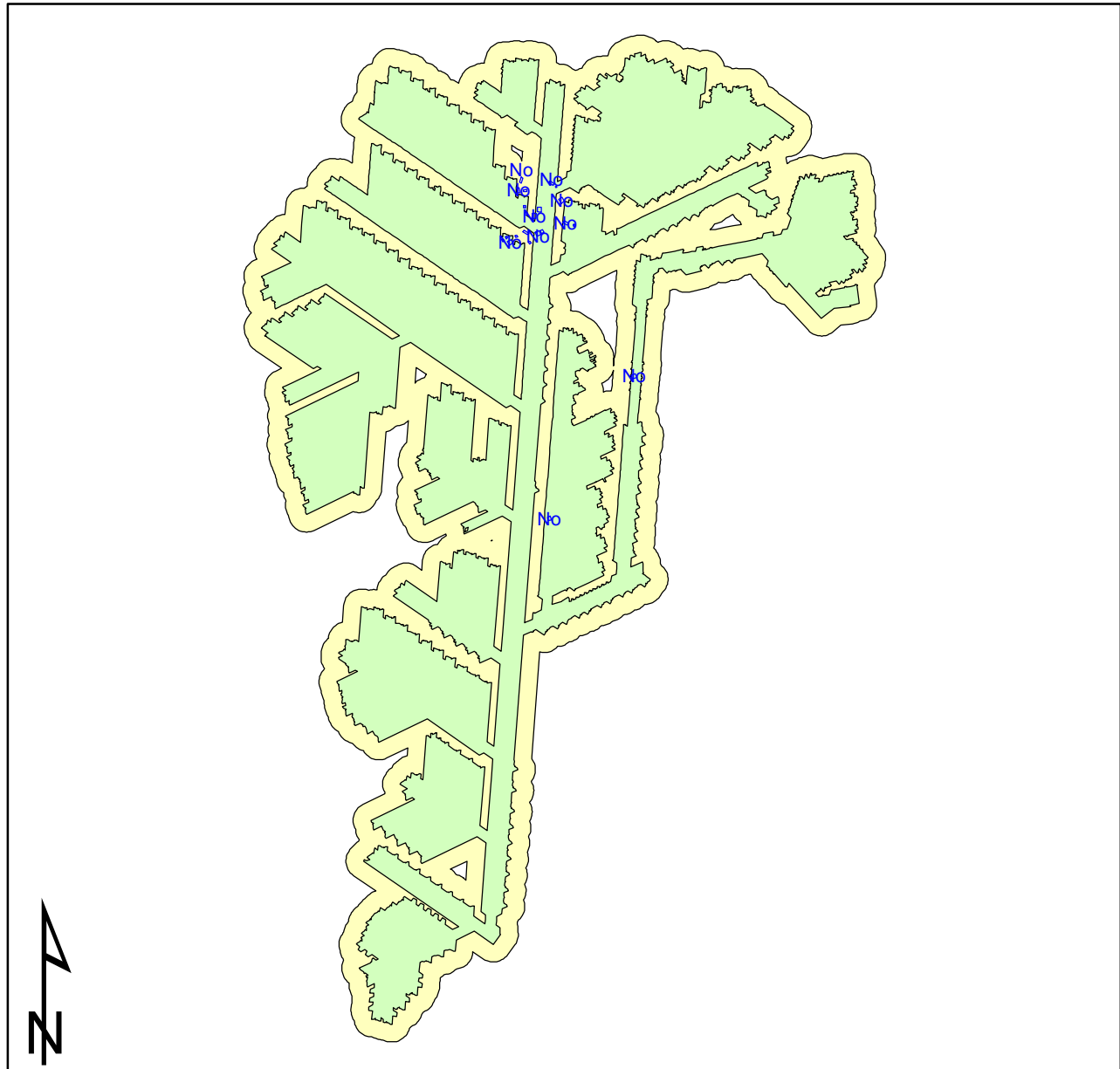
## Map Key

- 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.

# Little Toby Mine

## Mining Areas, 200-ft Buffer and Structures



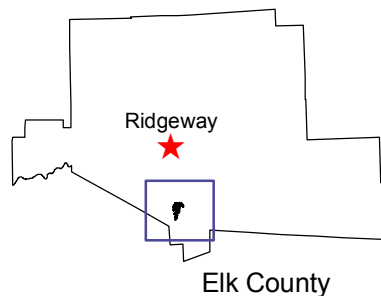
0 0.2 0.4 0.8 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh

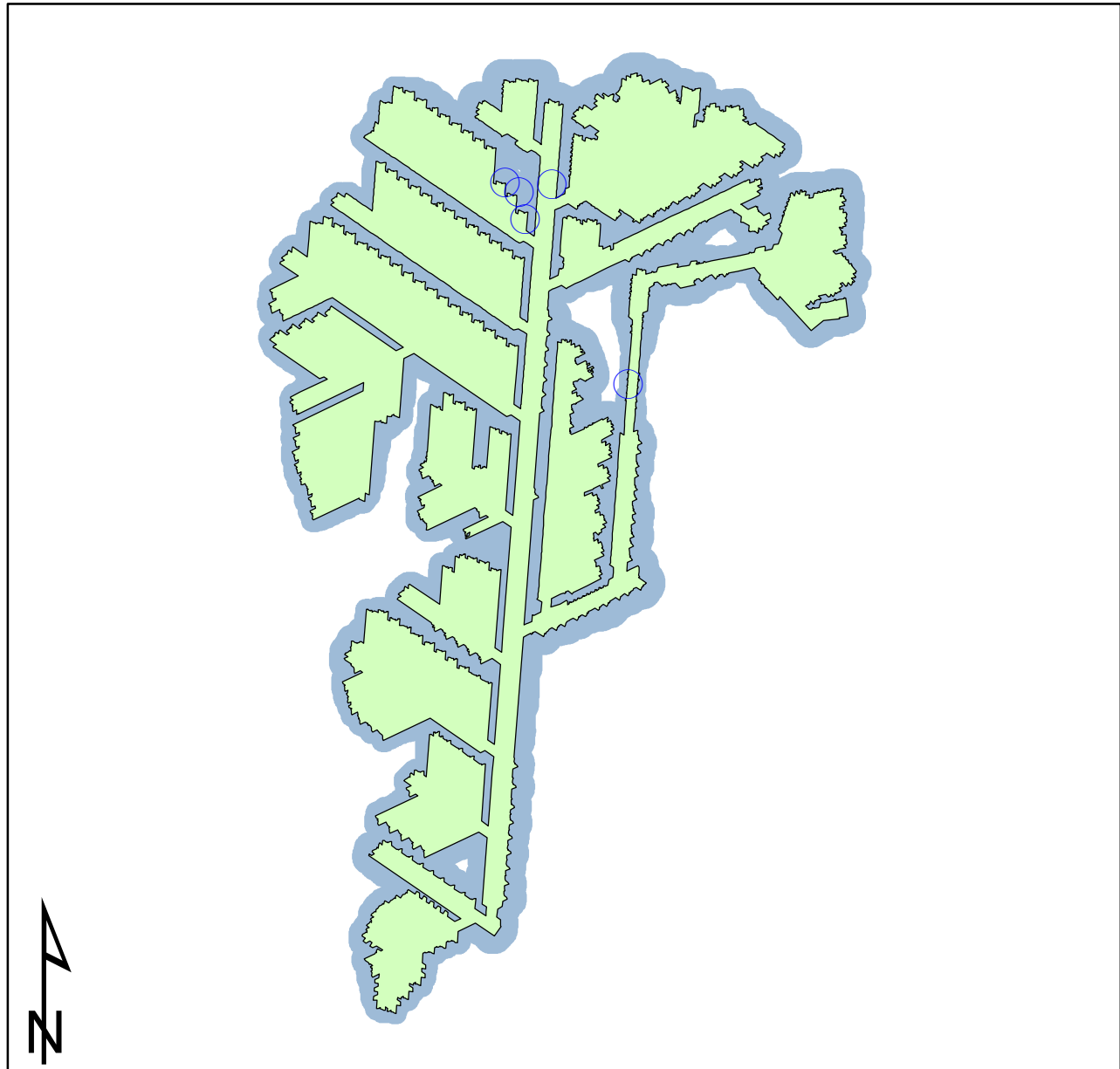


### Map Key

- 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.

# Little Toby Mine Mining Areas, Watersources and RPZ

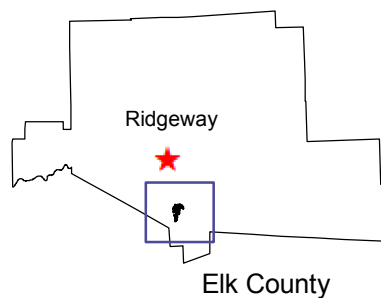


0 0.2 0.4 0.8 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)

Prepared by:  
University of Pittsburgh



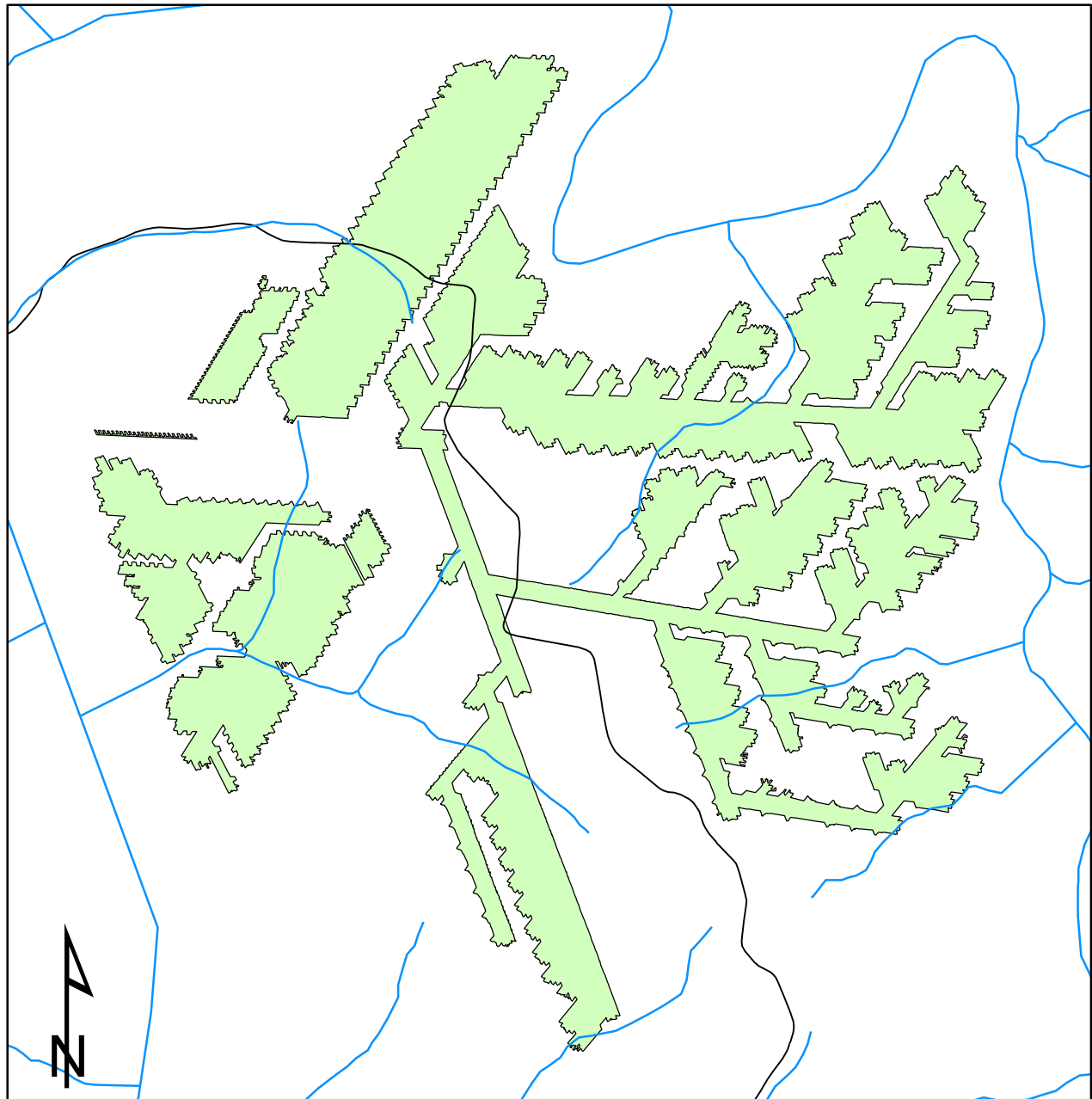
## Map Key

- 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.

# Logansport Mine

## Mining Areas, Major Roads and Streams



0 0.25 0.5 1 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Kittanning

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.

# Logansport Mine

## Mining Areas and Overburden Contours



0 0.25 0.5 1 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Kittanning

Armstrong County

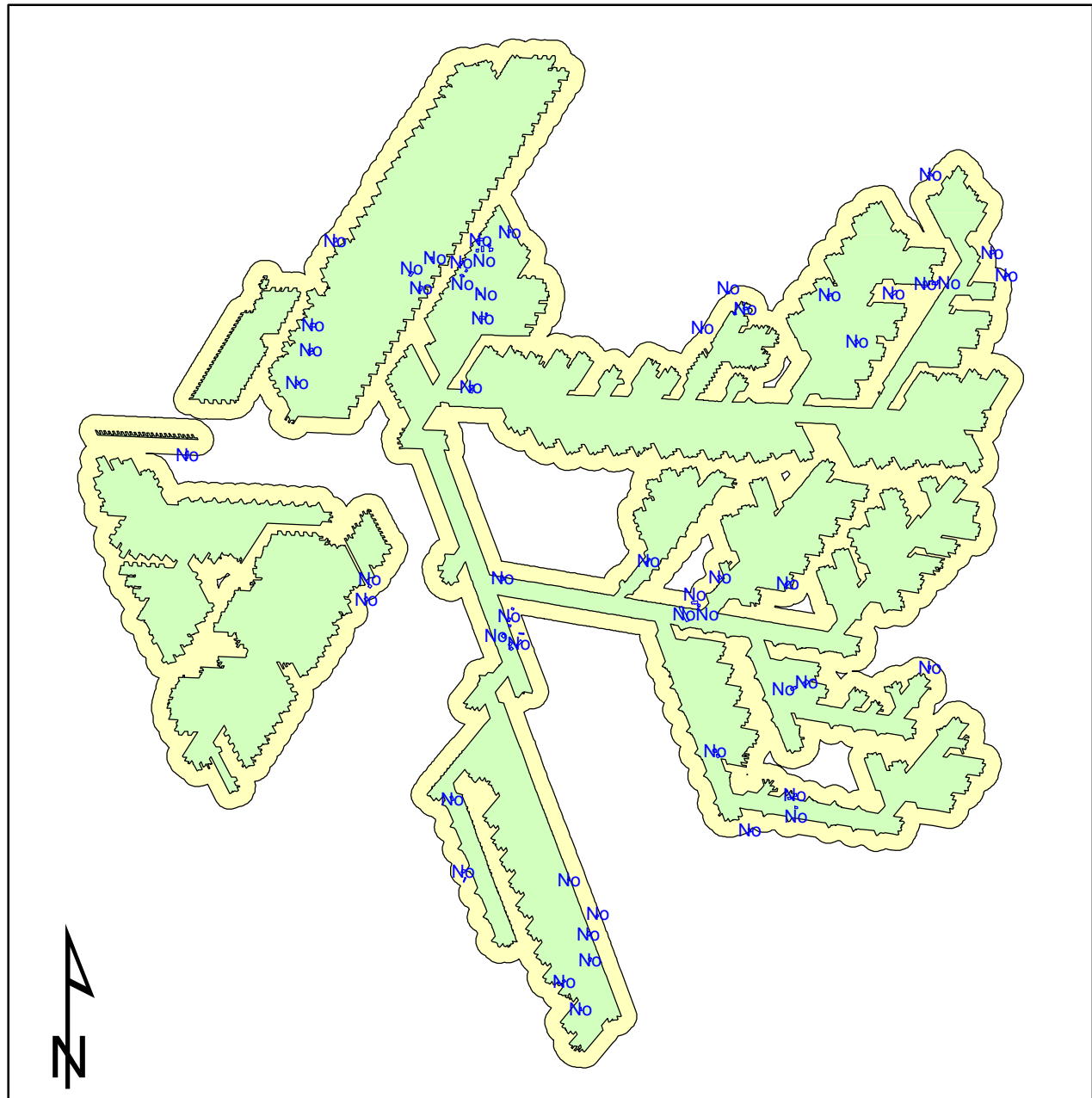
### Map Key

- 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.

# Logansport Mine

## Mining Areas, 200-ft Buffer and Structures



0 0.25 0.5 1 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)






Prepared by:  
University of Pittsburgh



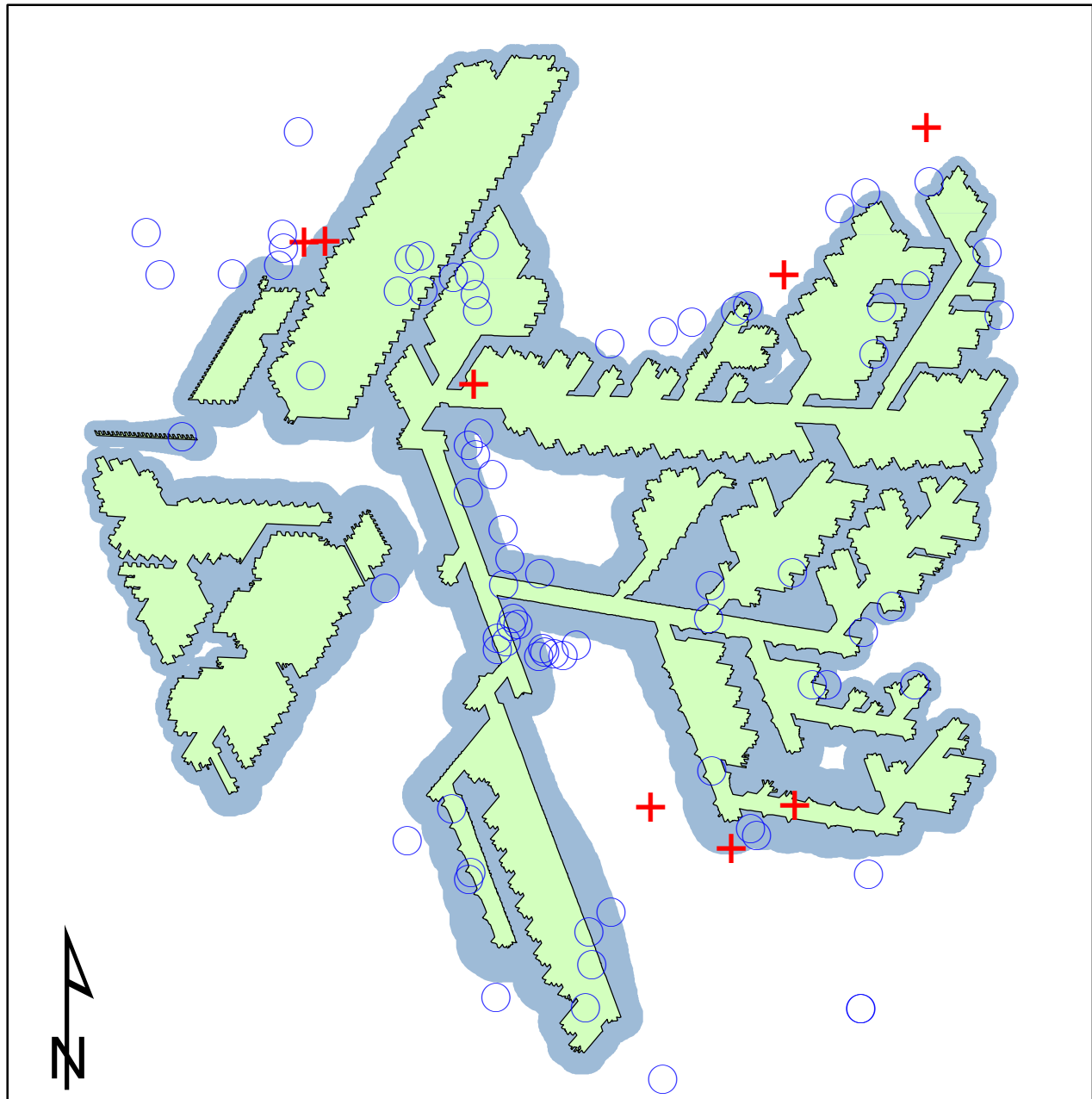
Armstrong County

### 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.

# Logansport Mine Mining Areas, Watersources and RPZ



0 0.25 0.5 1 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)







Prepared by:  
University of Pittsburgh



Armstrong County

## Map Key

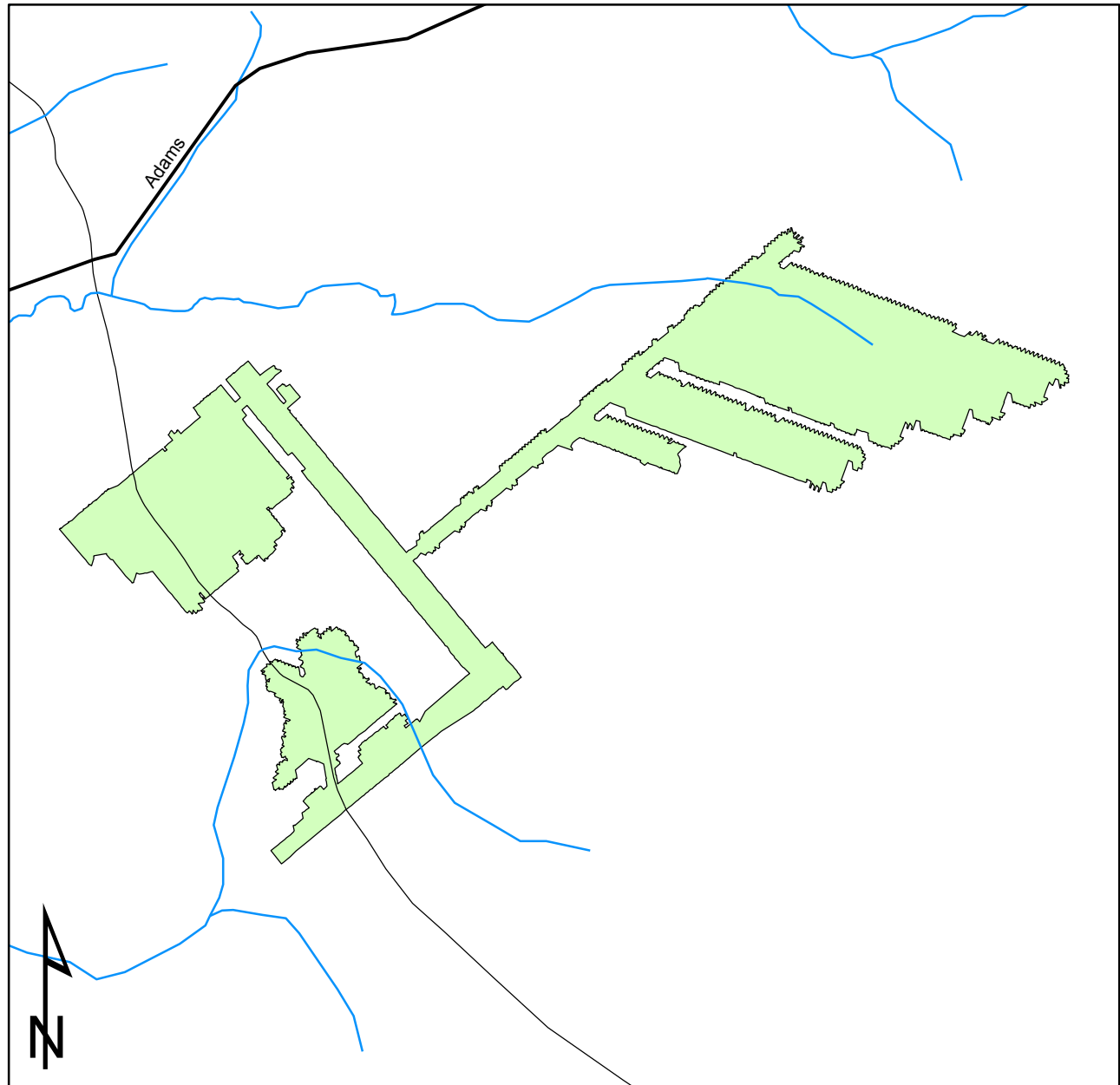
-  *Watersources with no reported effects*
-  *Watersources with reported effects*
-  Room-and-Pillar
-  RPZ



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.

# Madison Mine

## Mining Areas, Major Roads and Streams



0 0.25 0.5 1 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Cambria County

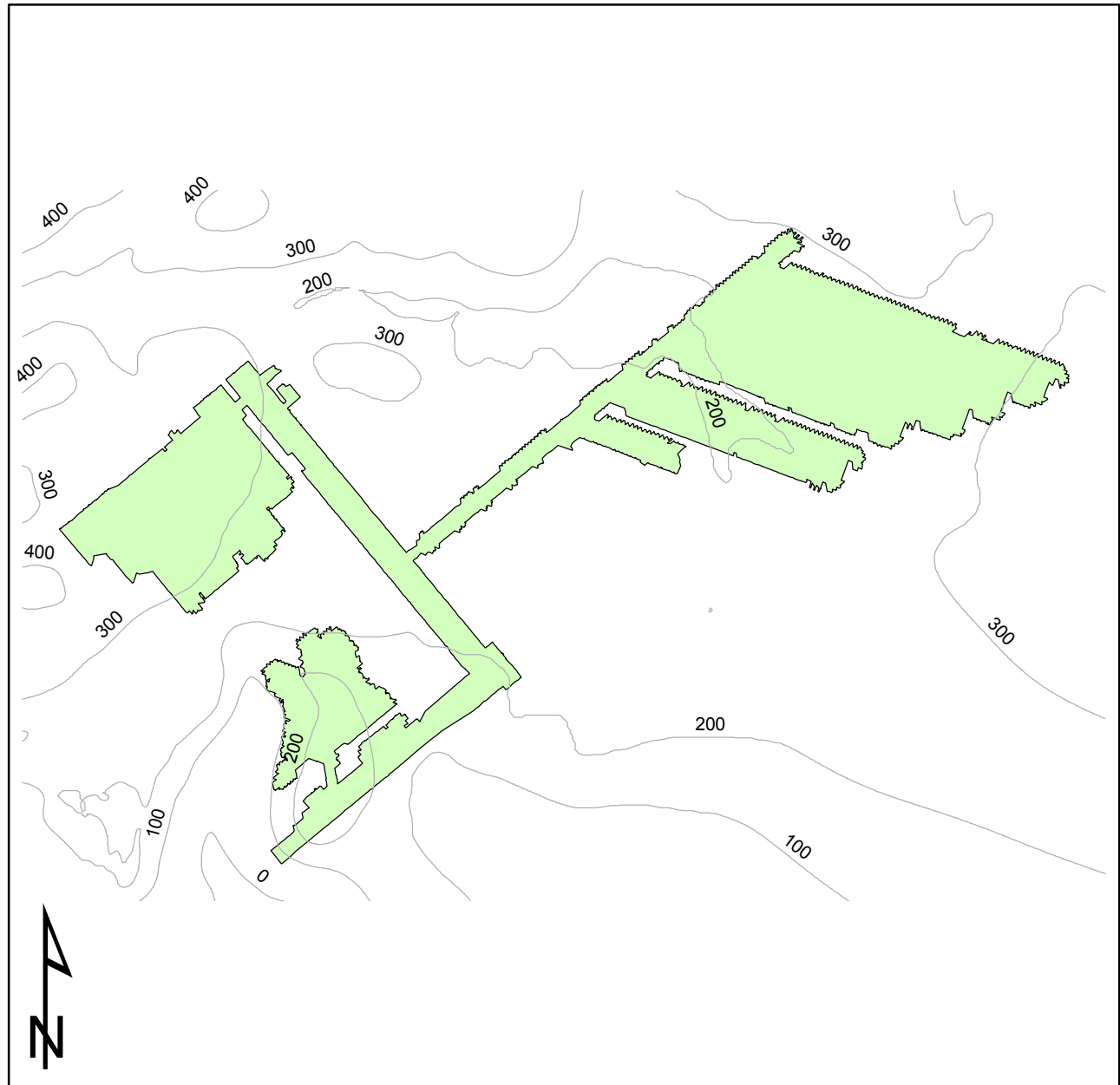
### Map Key

- 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.

# Madison Mine

## Mining Areas and Overburden Contours



0 0.25 0.5 1 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Cambria County

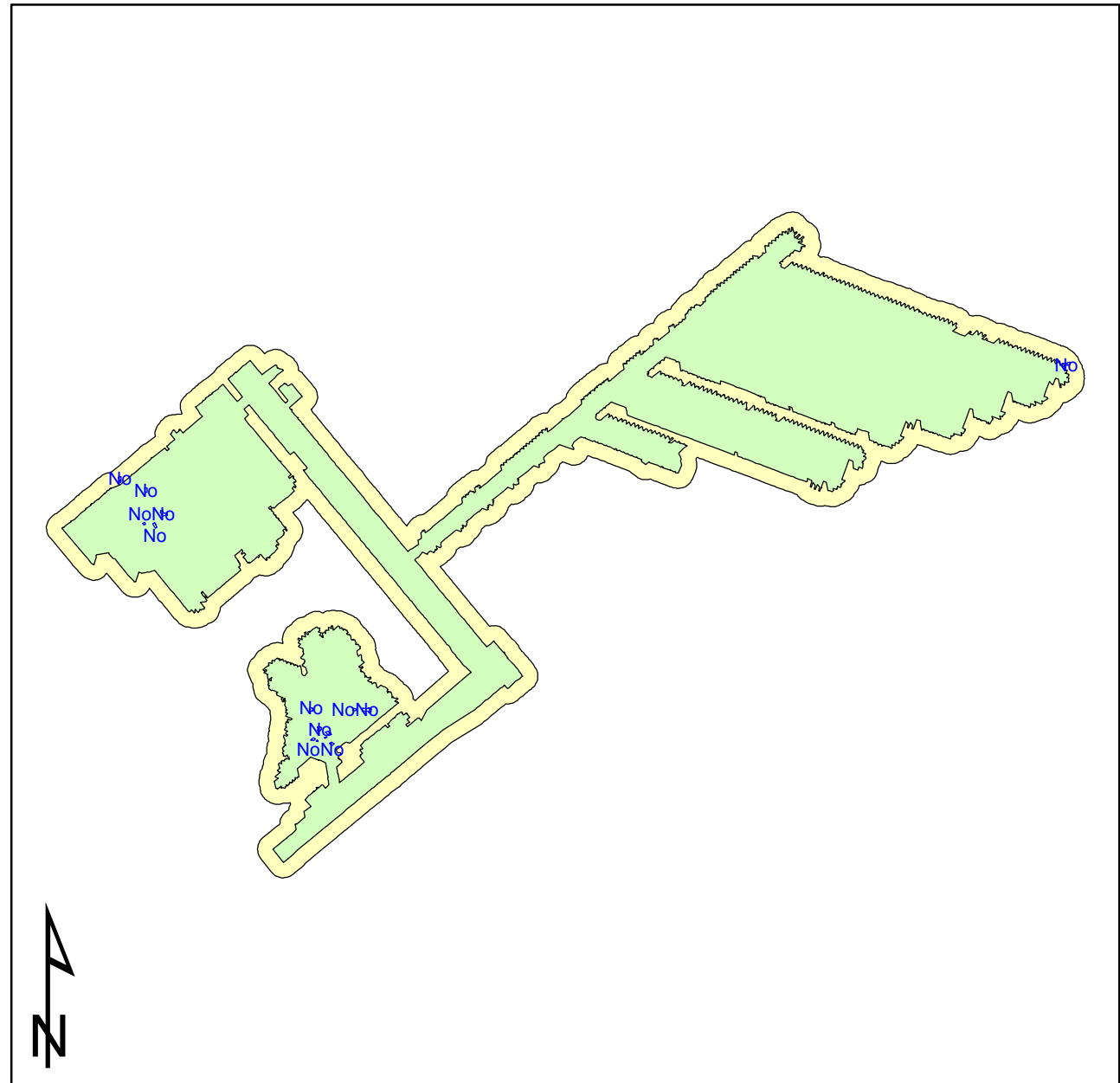
### Map Key

- 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.

# Madison Mine

## Mining Areas, 200-ft Buffer and Structures



0 0.25 0.5 1 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Cambria County

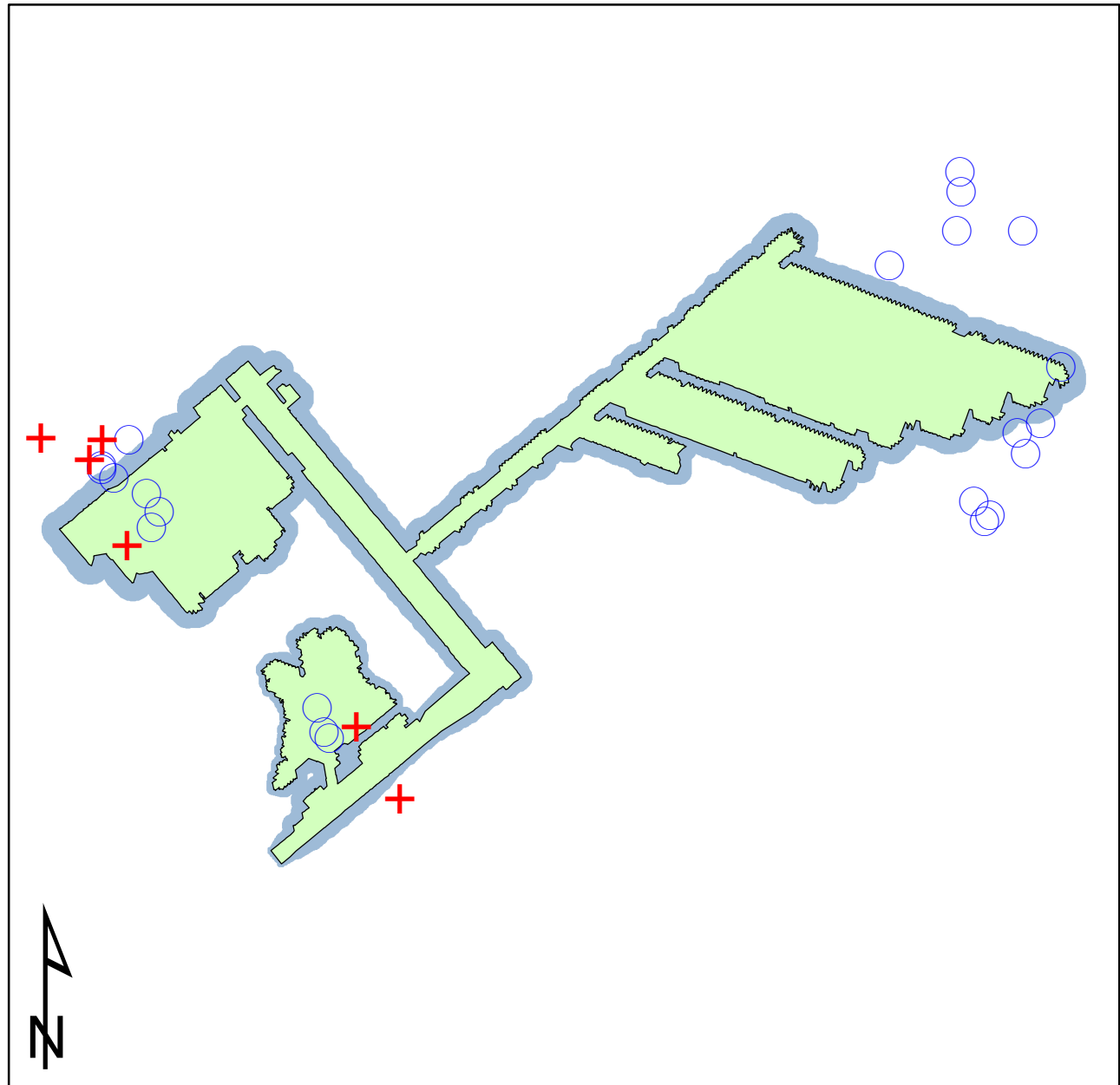
### Map Key

- 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.

# Madison Mine

## Mining Areas, Watersources and RPZ



0 0.25 0.5 1 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Cambria County

### Map Key



*Watersources with  
reported effects*



*Watersources with  
no reported effects*

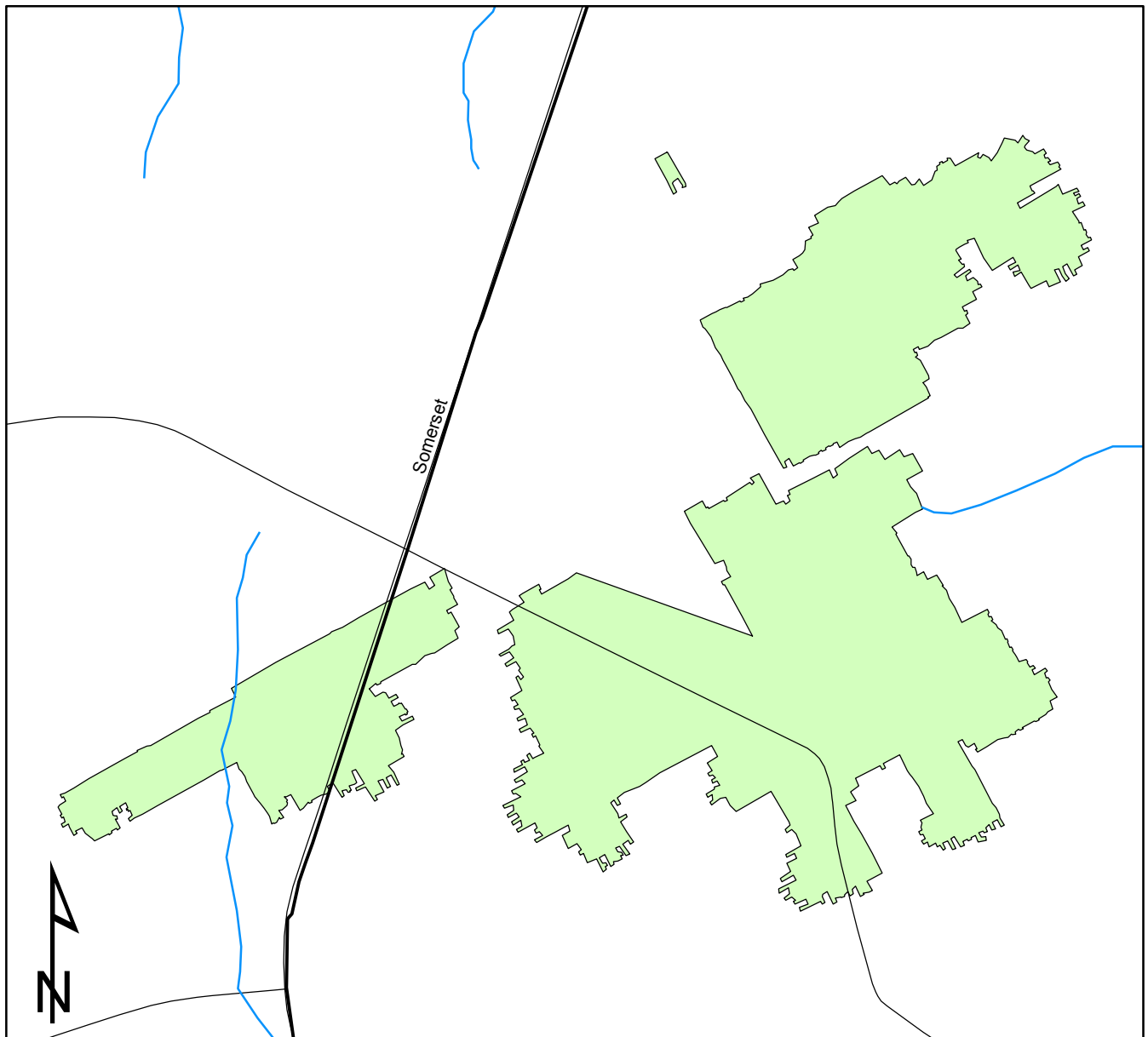
Room-and-Pillar

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.

# Miller Mine

## Mining Areas, Major Roads and Streams



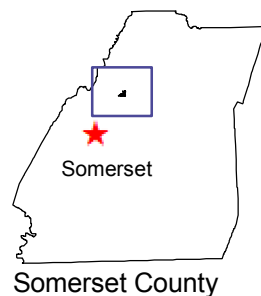
0 0.05 0.1 0.2 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



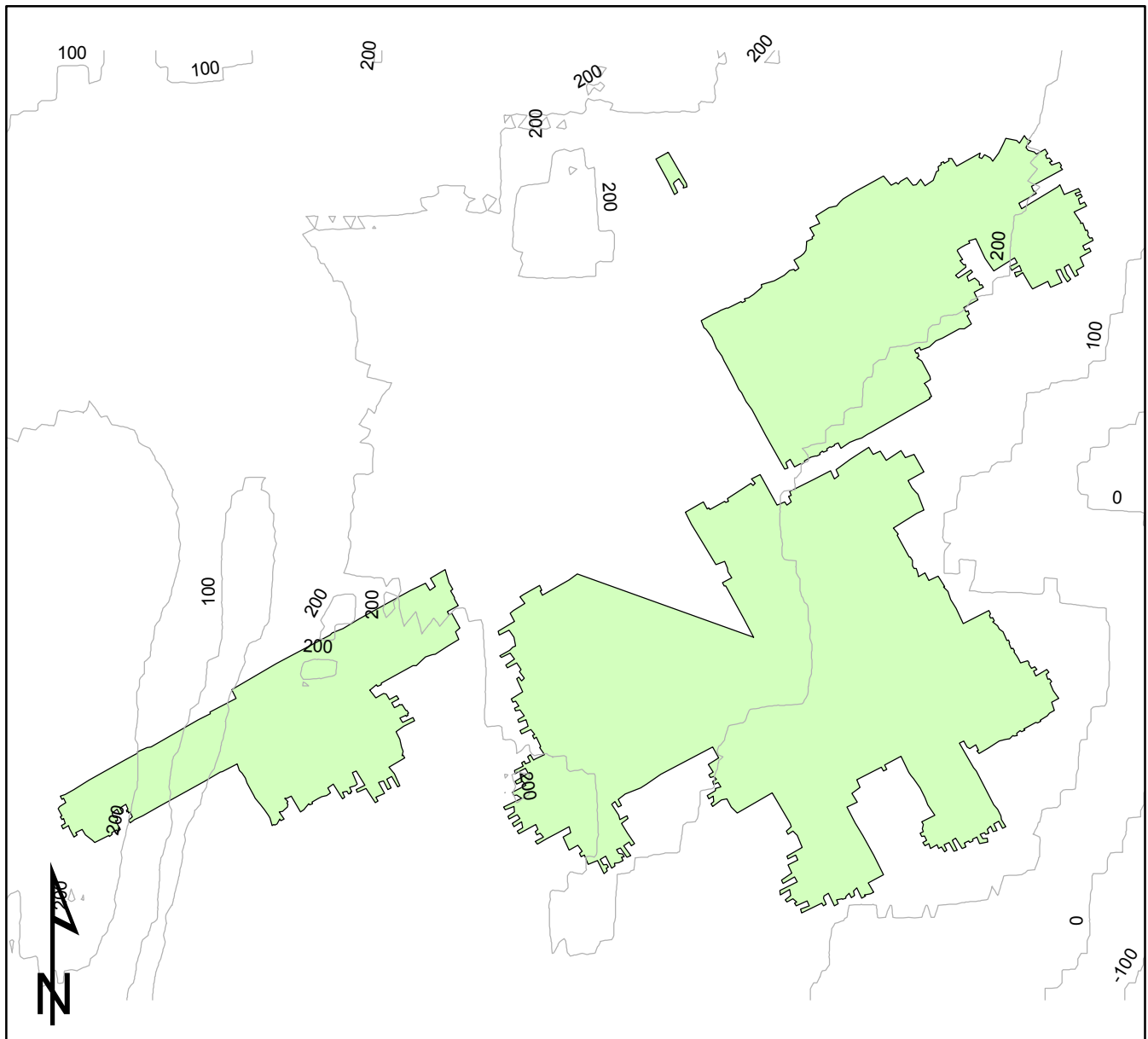
### Map Key

- 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.

# Miller Mine

## Mining Areas and Overburden Contours



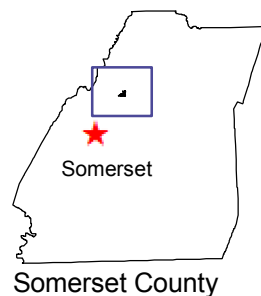
0 0.05 0.1 0.2 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



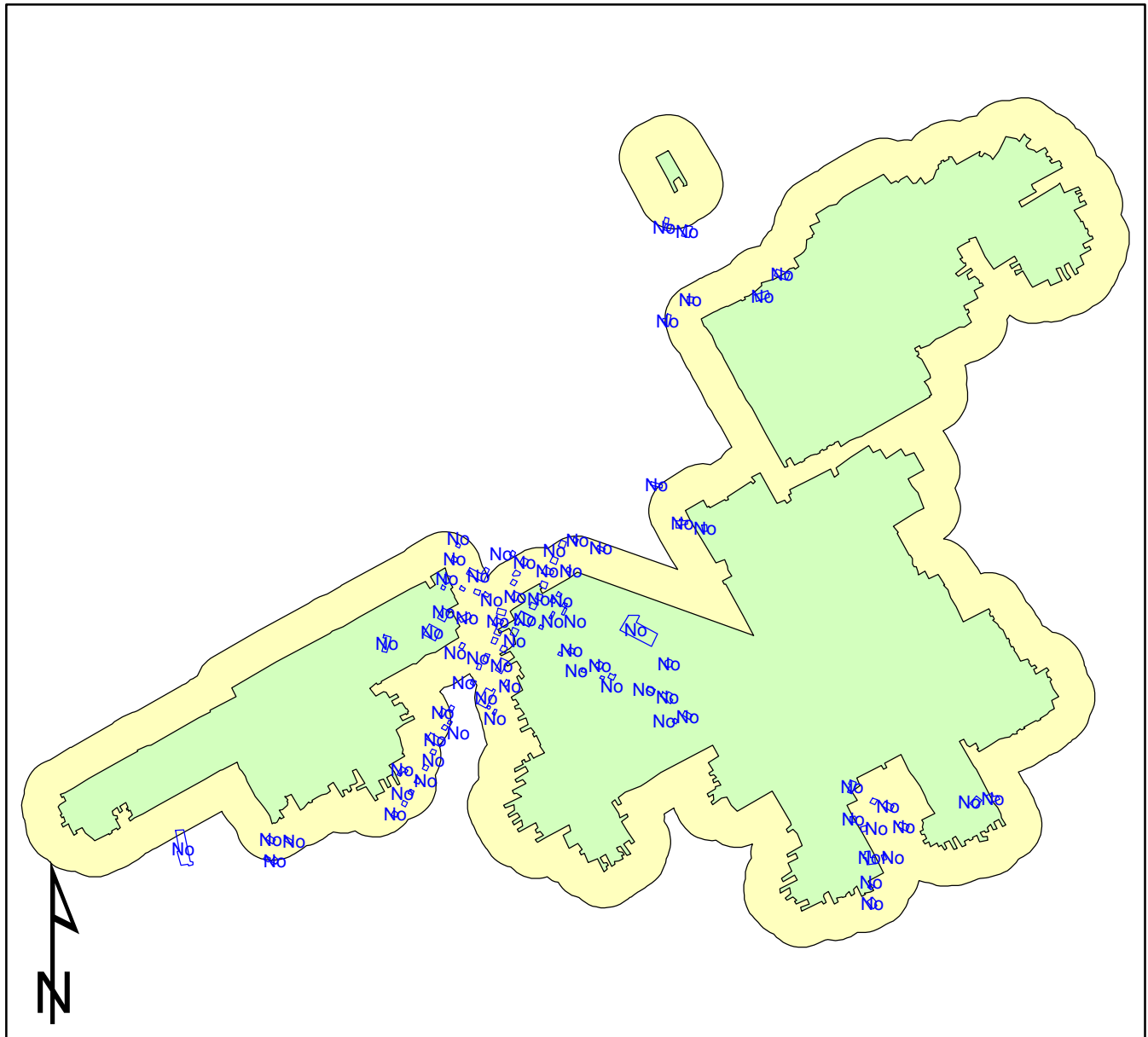
### Map Key

- 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.

# Miller Mine

## Mining Areas, 200-ft Buffer and Structures



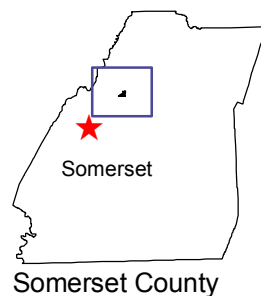
0 0.05 0.1 0.2 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



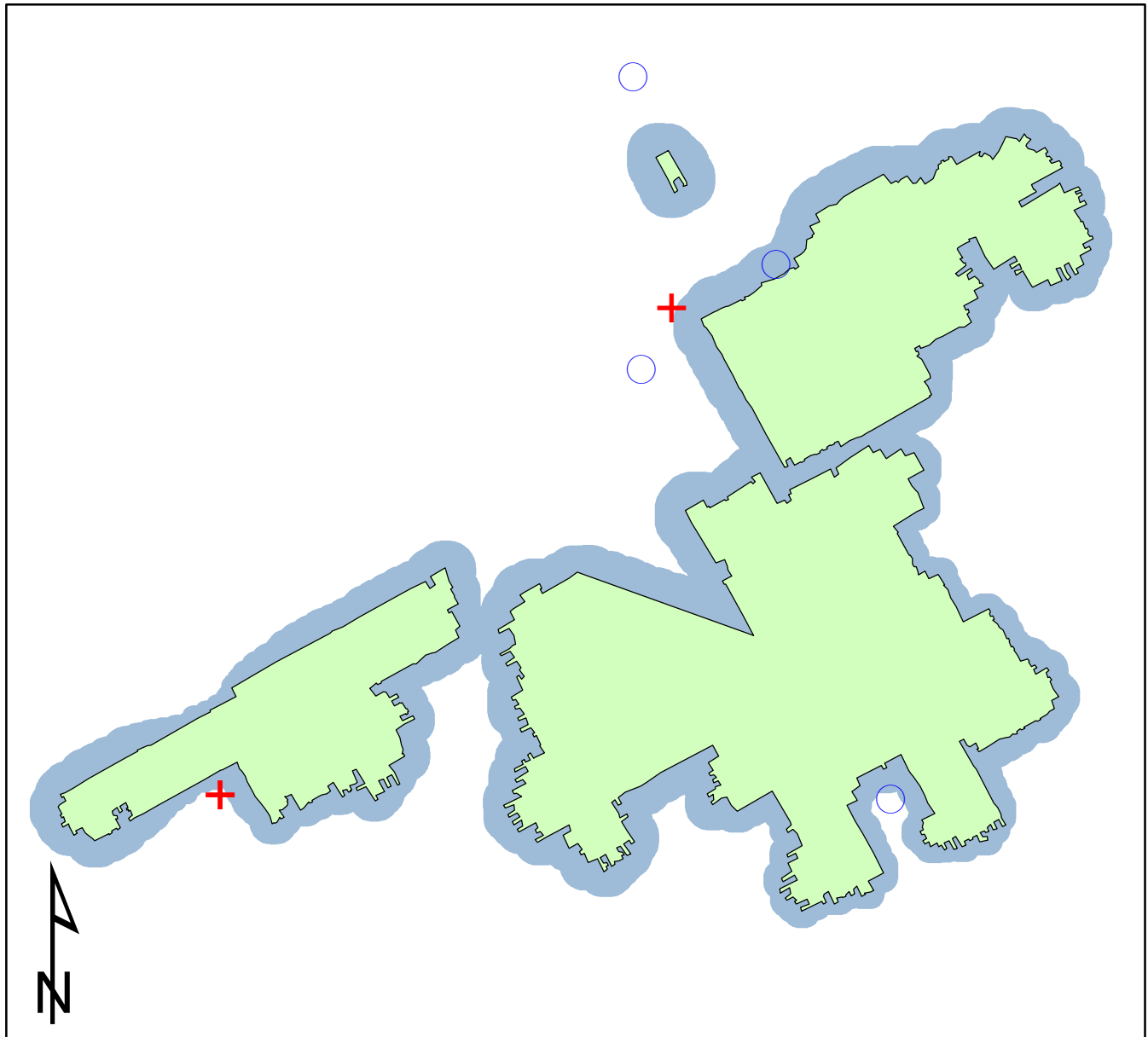
### Map Key

- 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.

# Miller Mine

## Mining Areas, Watersources and RPZ



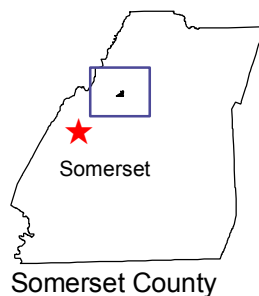
0 0.05 0.1 0.2 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



### Map Key



*Watersources with  
reported effects*



*Watersources with  
no reported effects*



Room-and-Pillar



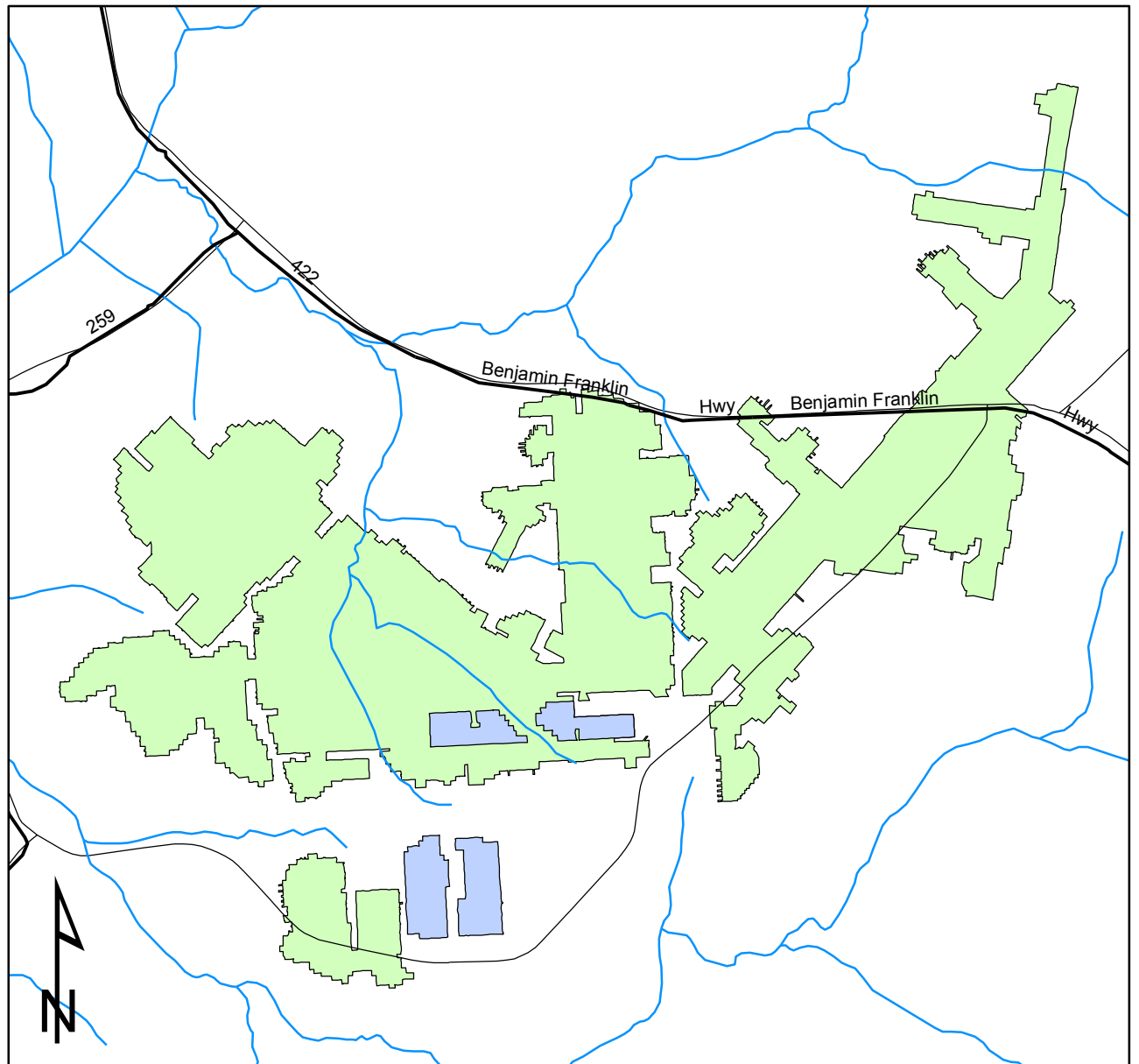
RPZ



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.

# Nolo Mine

## Mining Areas, Major Roads and Streams



0 0.2 0.4 0.8 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Indiana County

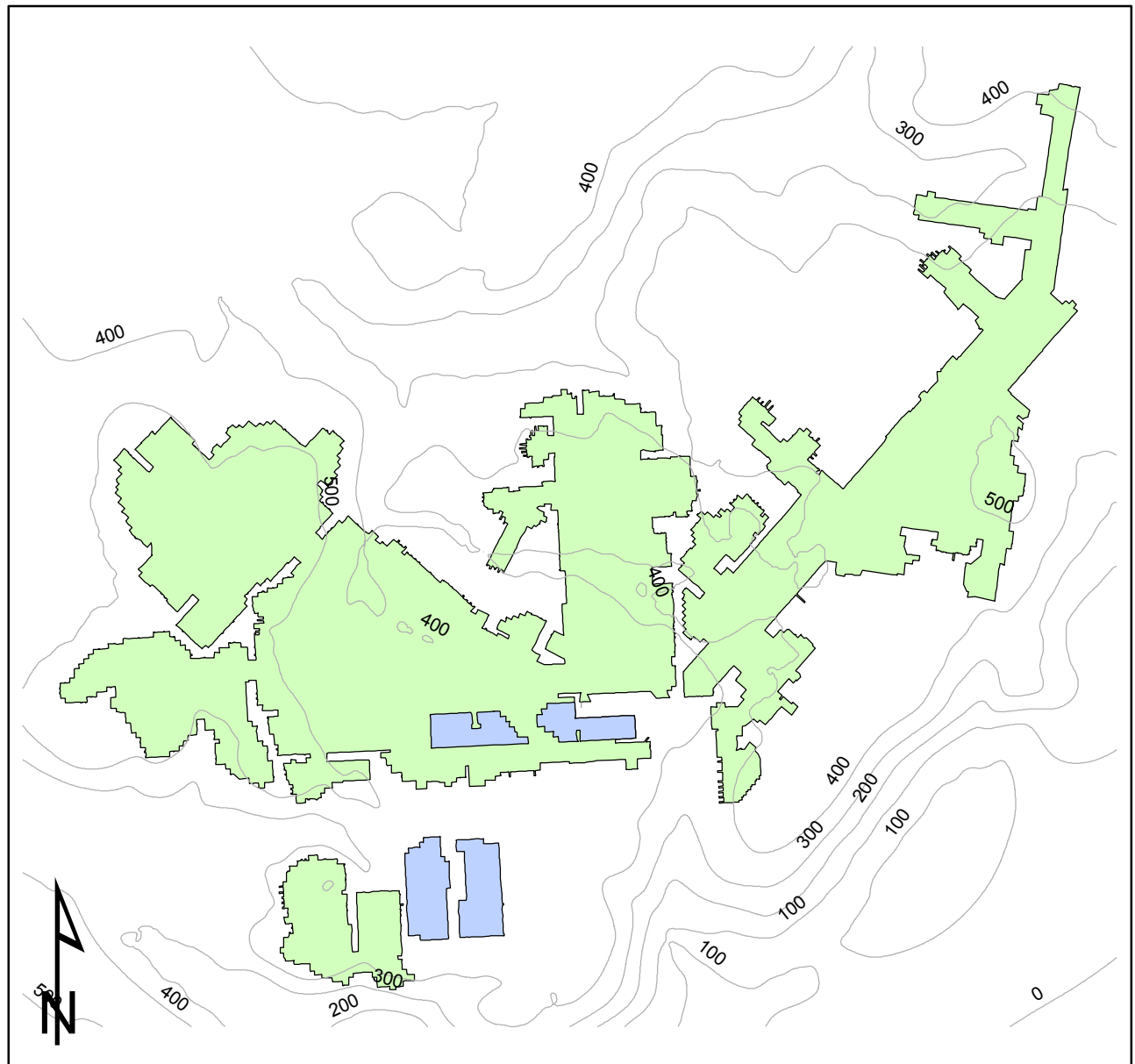
### Map Key

- 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.

# Nolo Mine

## Mining Areas and Overburden Contours



0 0.2 0.4 0.8 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Indiana County

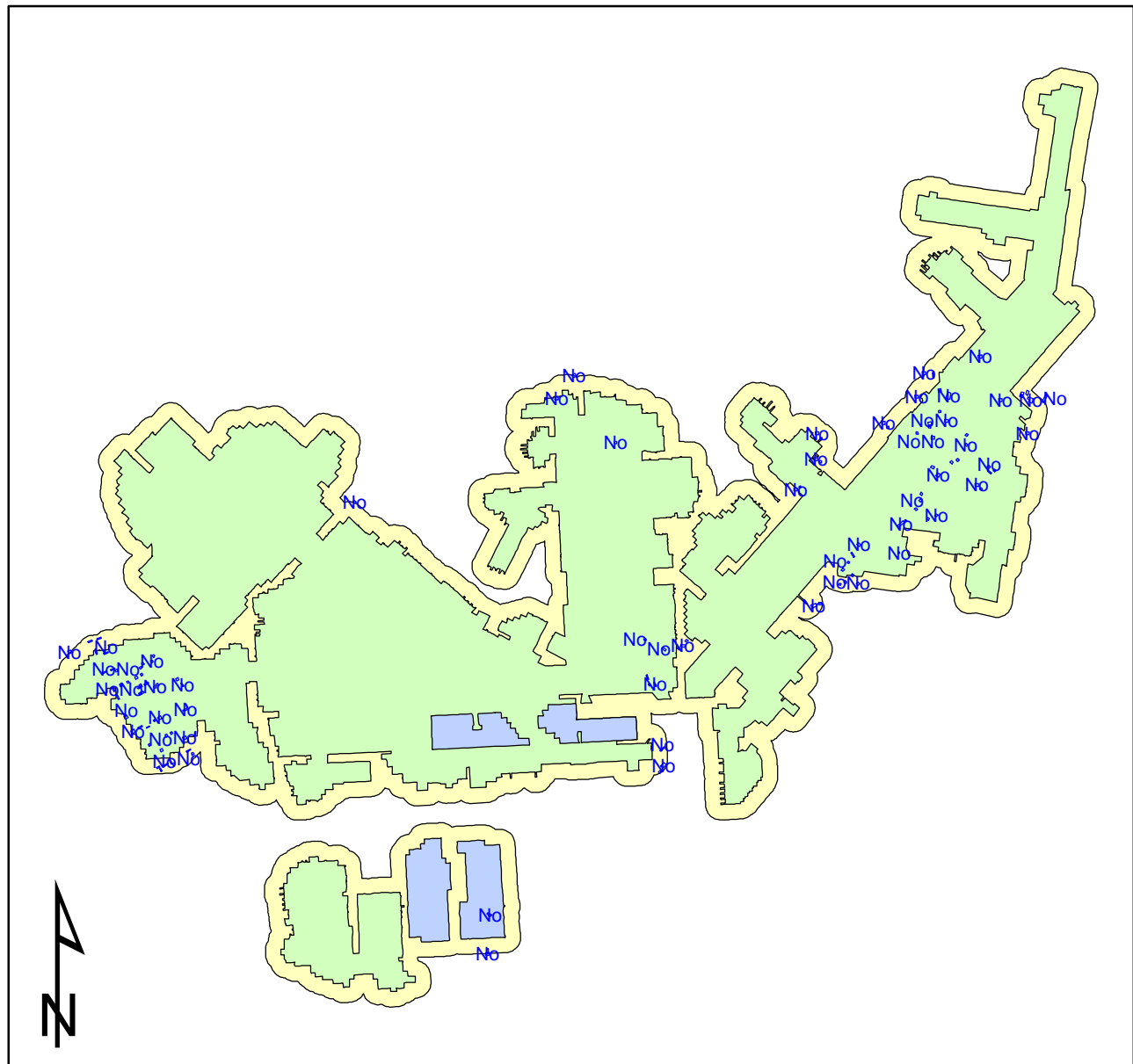
### Map Key

- 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.

# Nolo Mine

## Mining Areas, 200-ft Buffer and Structures



0 0.2 0.4 0.8 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Indiana County

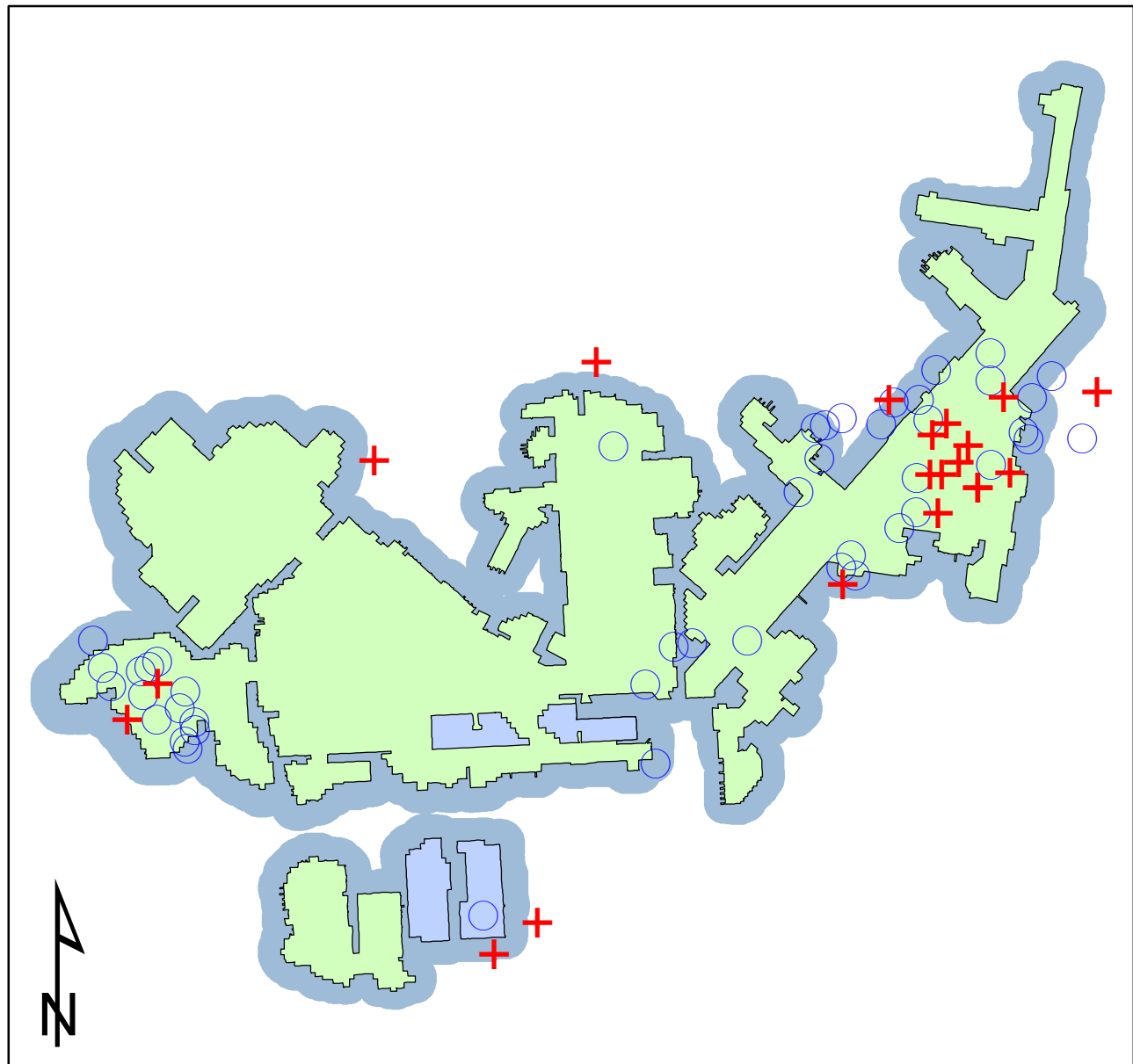
### Map Key

- 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.

# Nolo Mine

## Mining Areas, Watersources and RPZ



0 0.2 0.4 0.8 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Indiana County

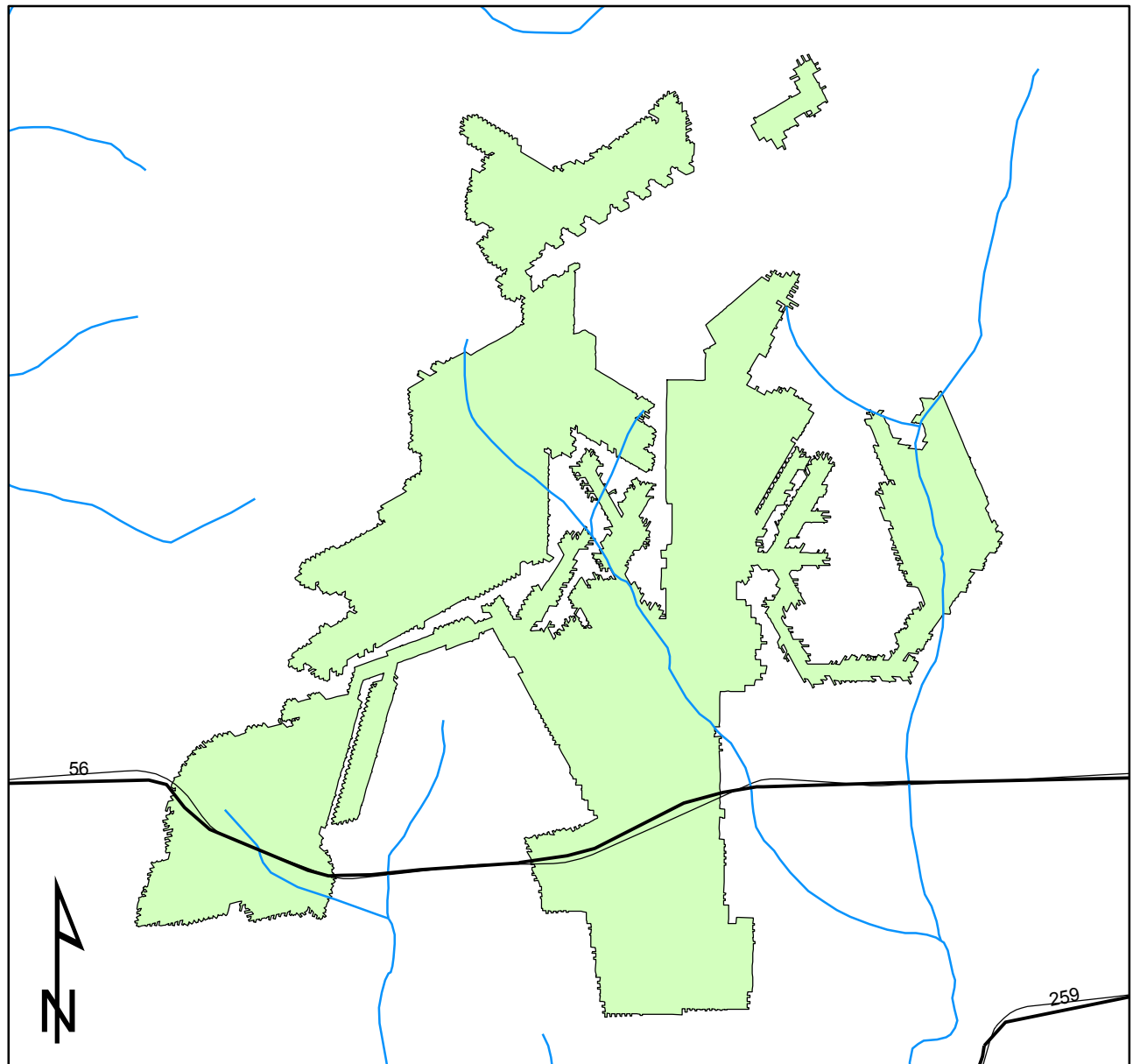
### Map Key

- + *Watersources with reported effects*
- *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.

# Ondo 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



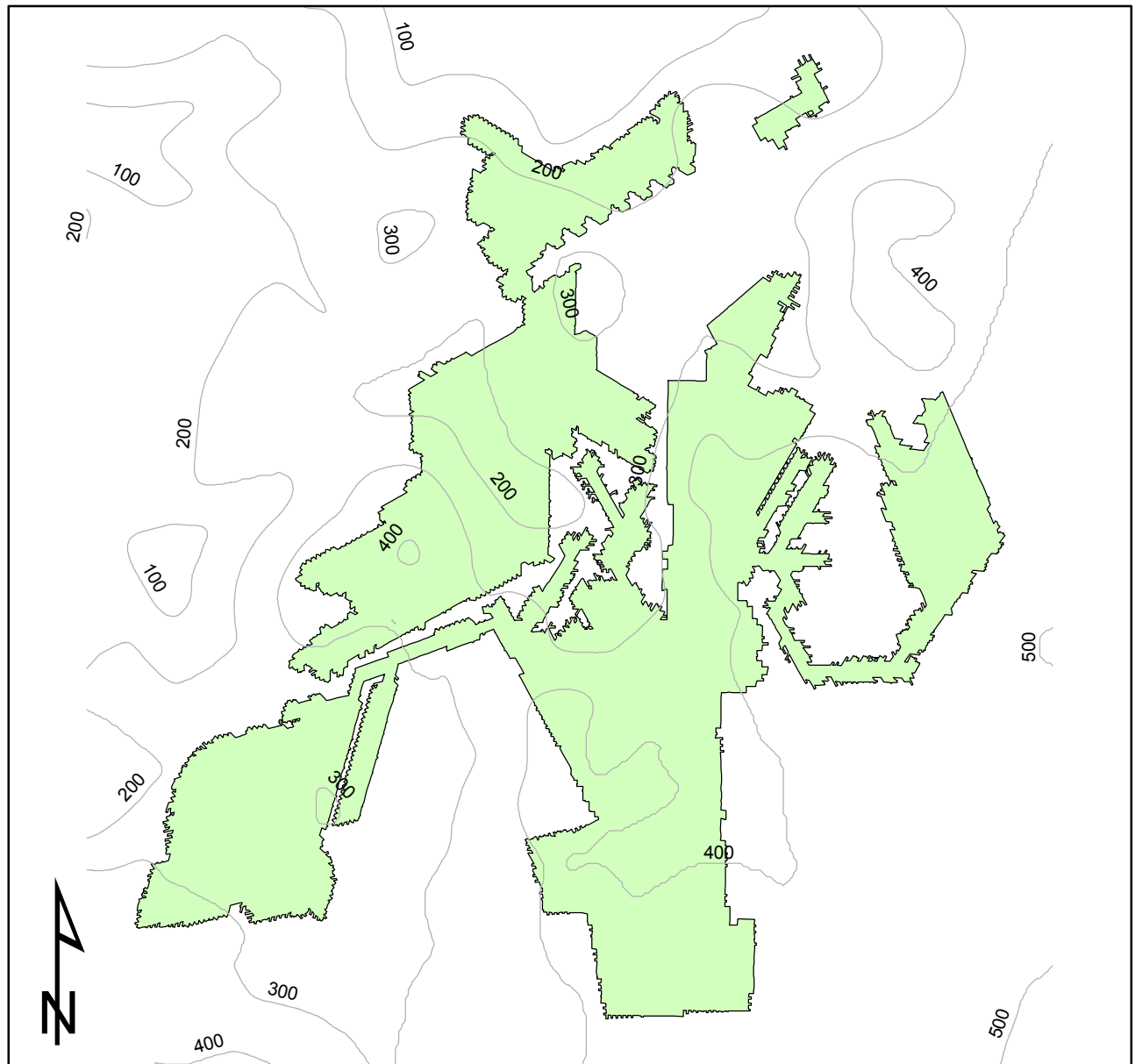
Indiana County

### 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.

# Ondo 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



Indiana County

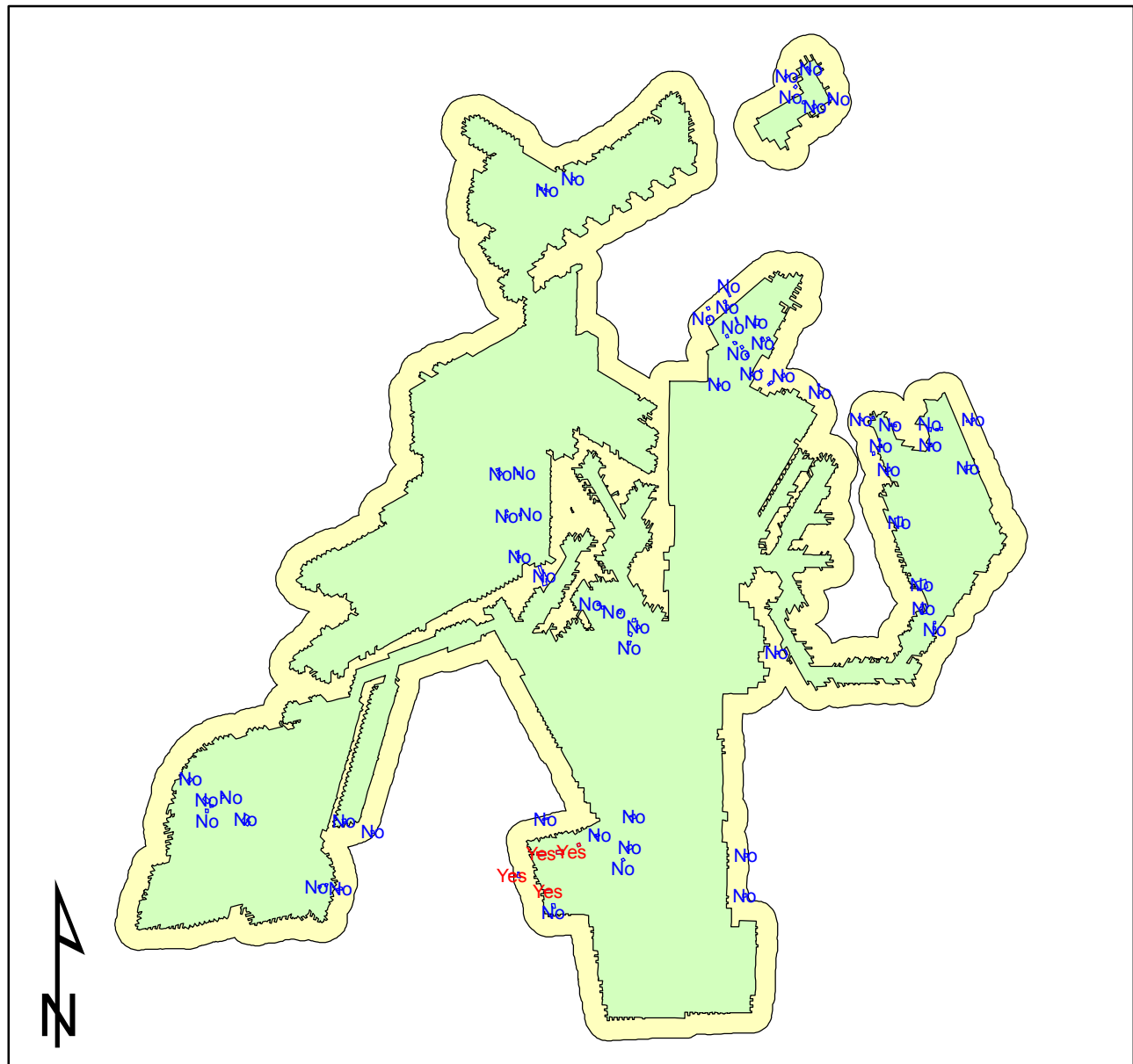
## Map Key

- 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.

# Ondo 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



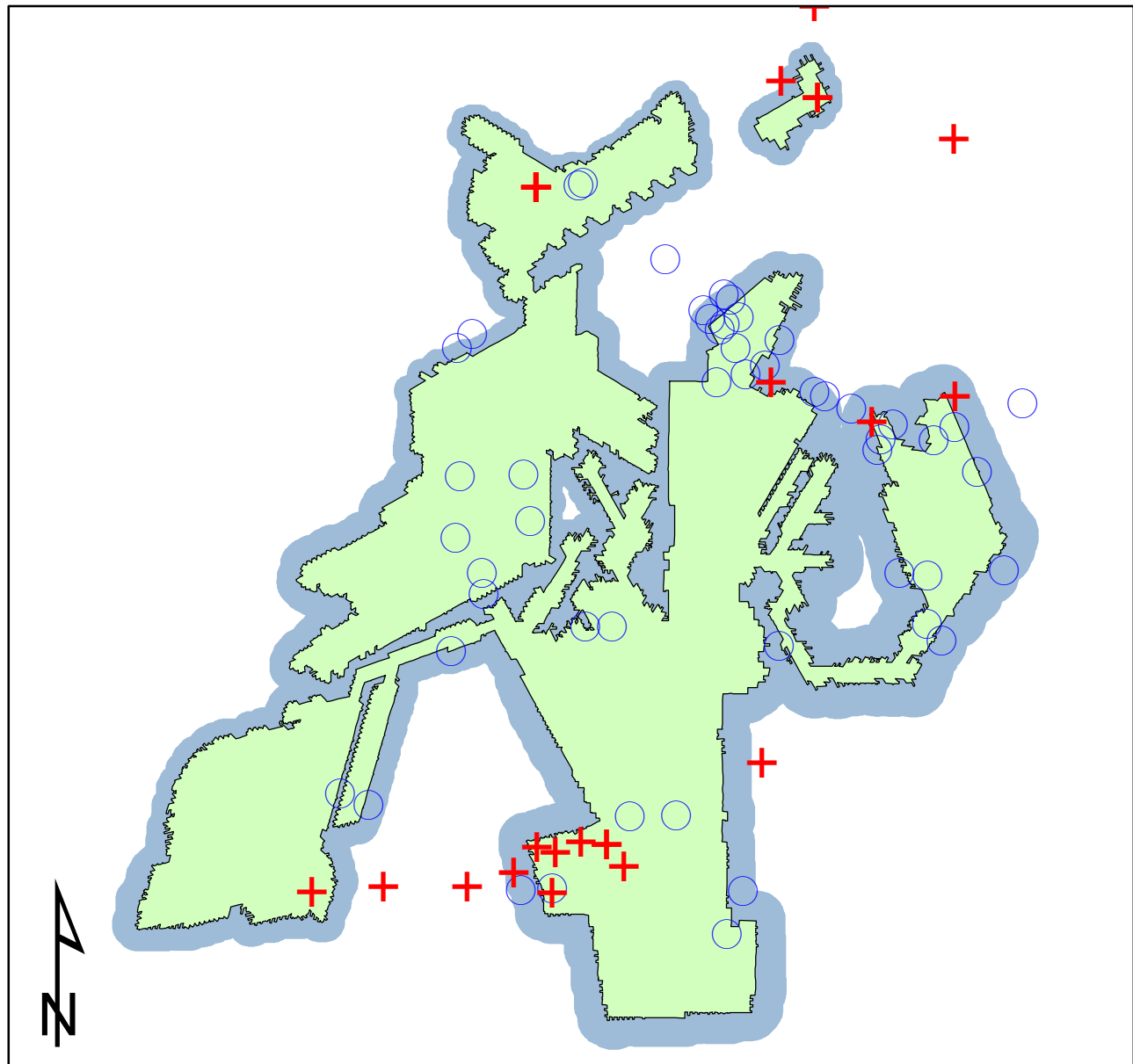
Indiana County

### 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.

# Ondo 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



Indiana County

## Map Key



*Watersources with  
reported effects*



*Watersources with  
no reported effects*



Room-and-Pillar



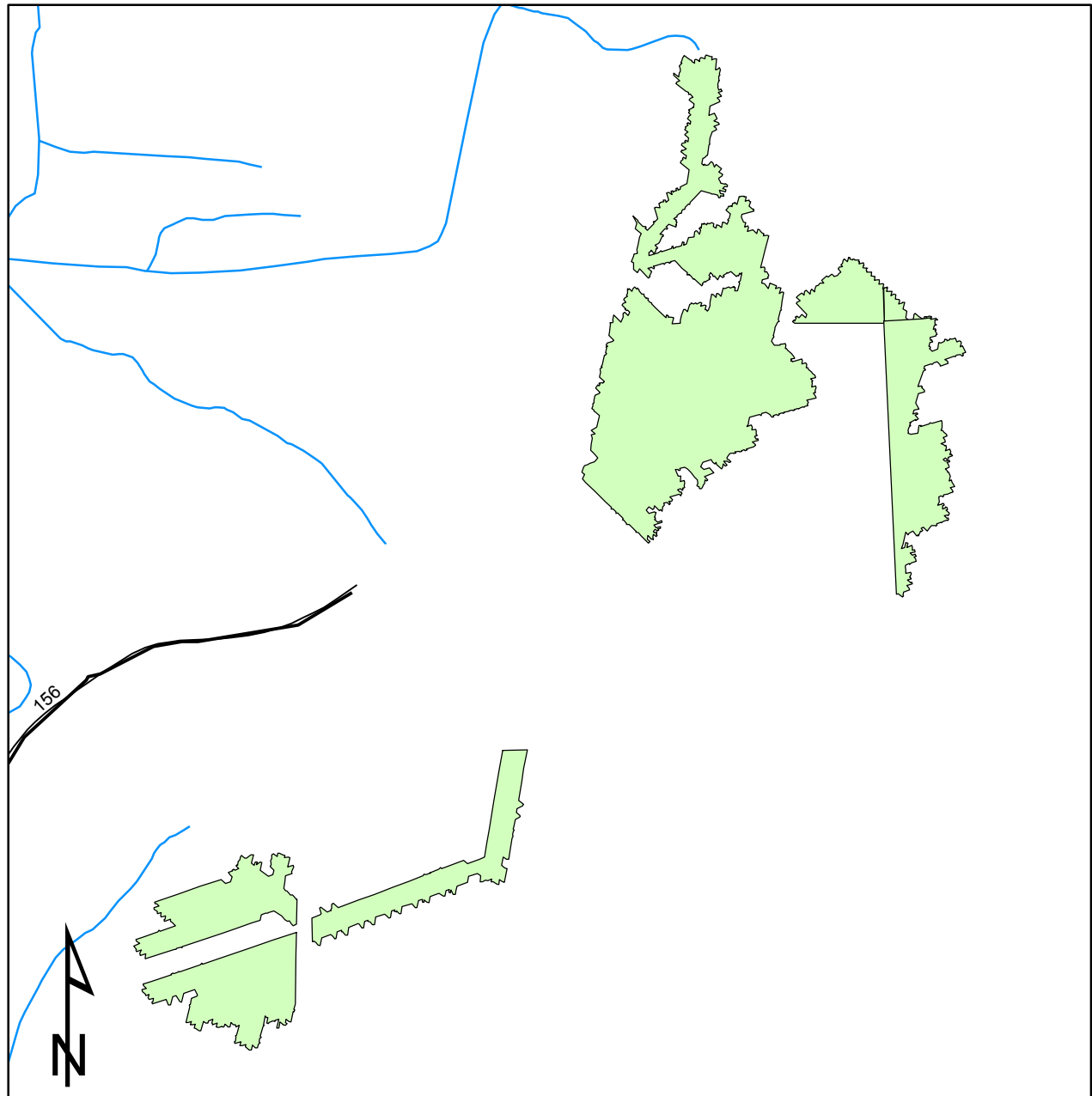
RPZ



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.

# Parkwood Mine

## Mining Areas, Major Roads and Streams



0 0.2 0.4 0.8 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Armstrong County

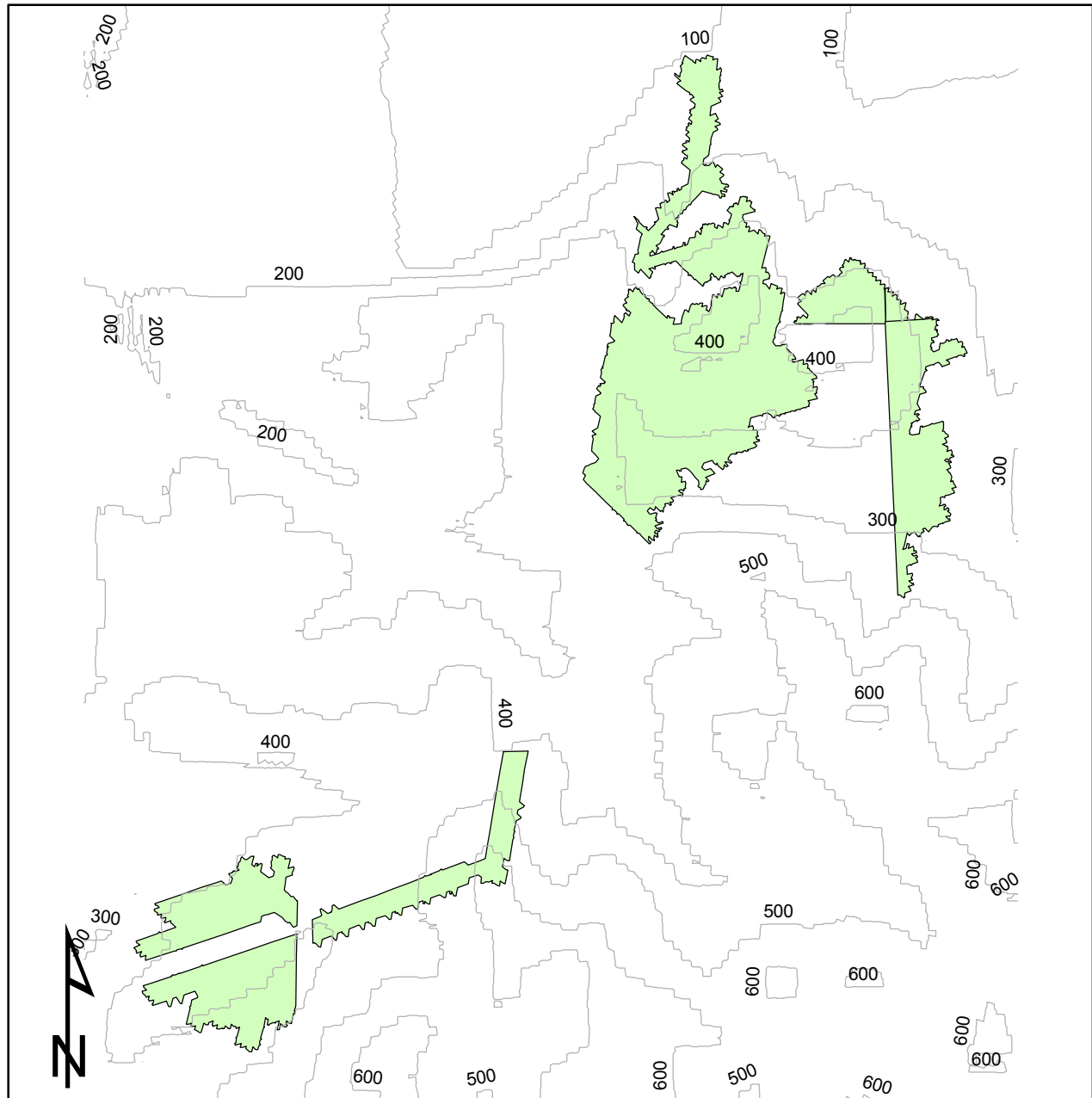
### Map Key

- 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.

# Parkwood Mine

## Mining Areas and Overburden Contours



0 0.2 0.4 0.8 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh

### Map Key

- Overburden Contour
- Room-and-Pillar

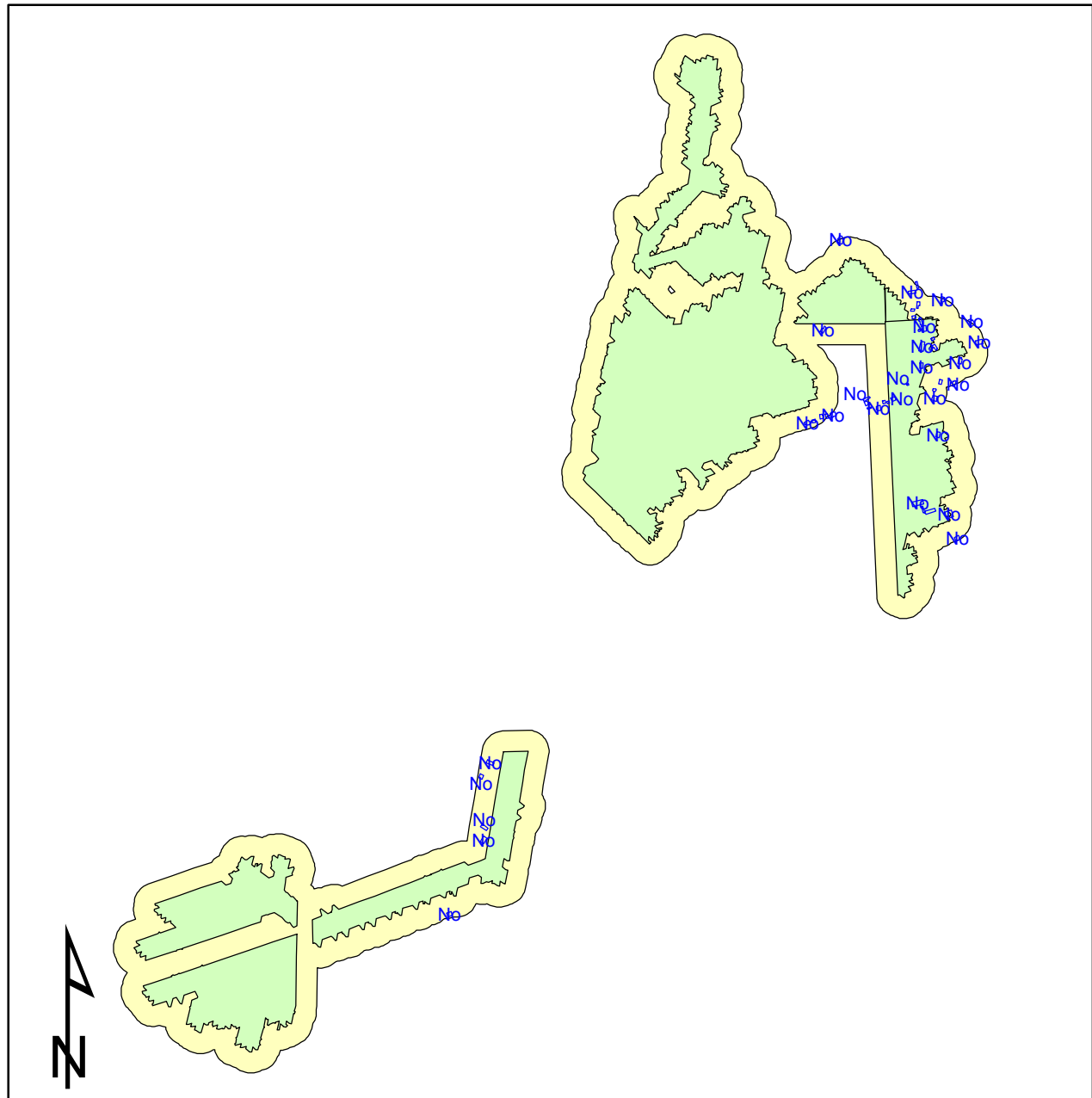


Armstrong County

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.

# Parkwood Mine

## Mining Areas, 200-ft Buffer and Structures



0 0.2 0.4 0.8 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Kittanning

Armstrong County

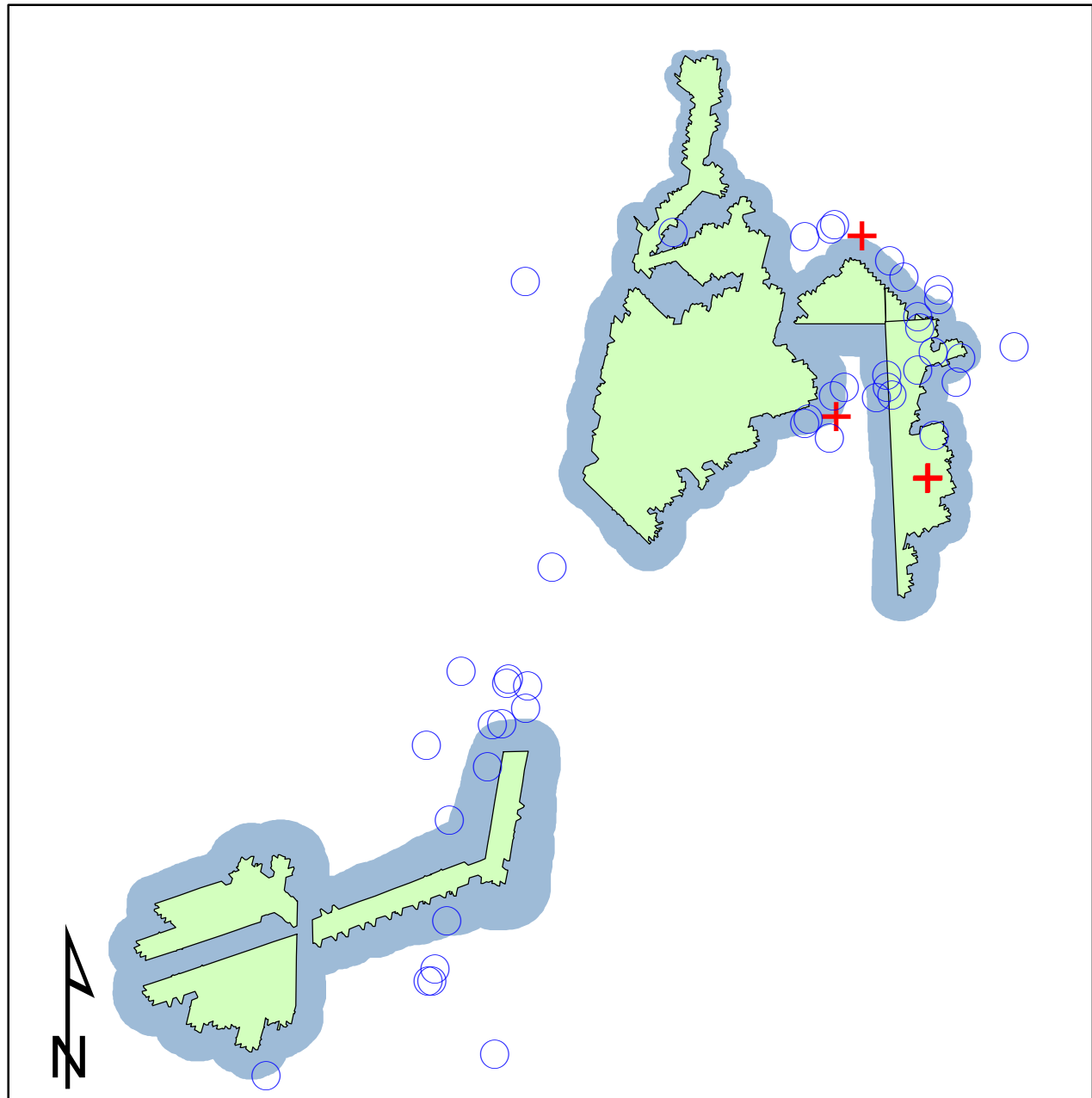
### Map Key

- 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.

# Parkwood Mine

## Mining Areas, Watersources and RPZ



0 0.2 0.4 0.8 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Armstrong County

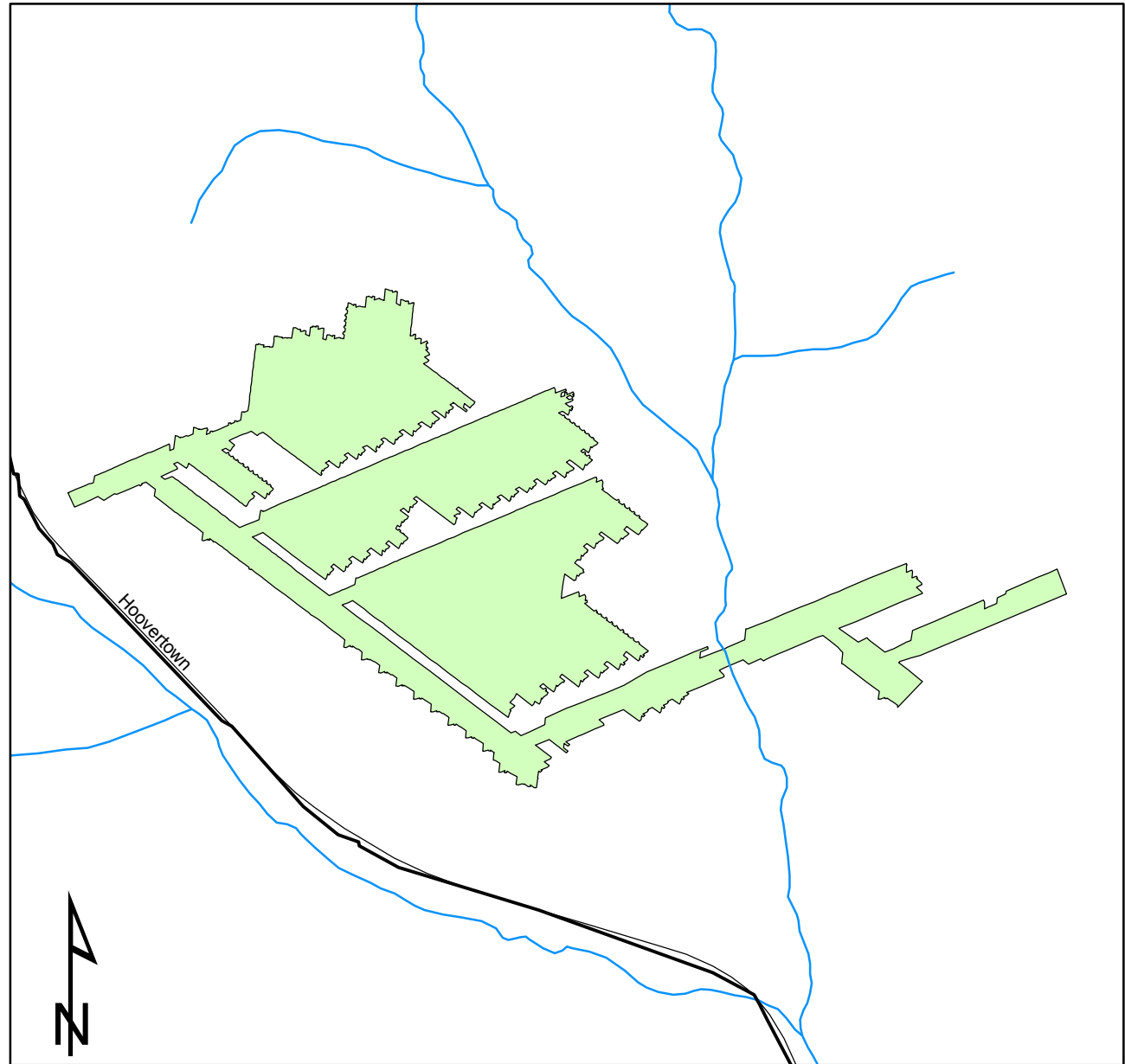
### Map Key

- Watersources with no reported effects
- 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.

# Penfield Mine

## Mining Areas, Major Roads and Streams



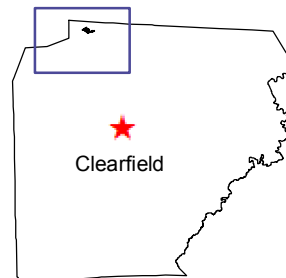
0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Clearfield County

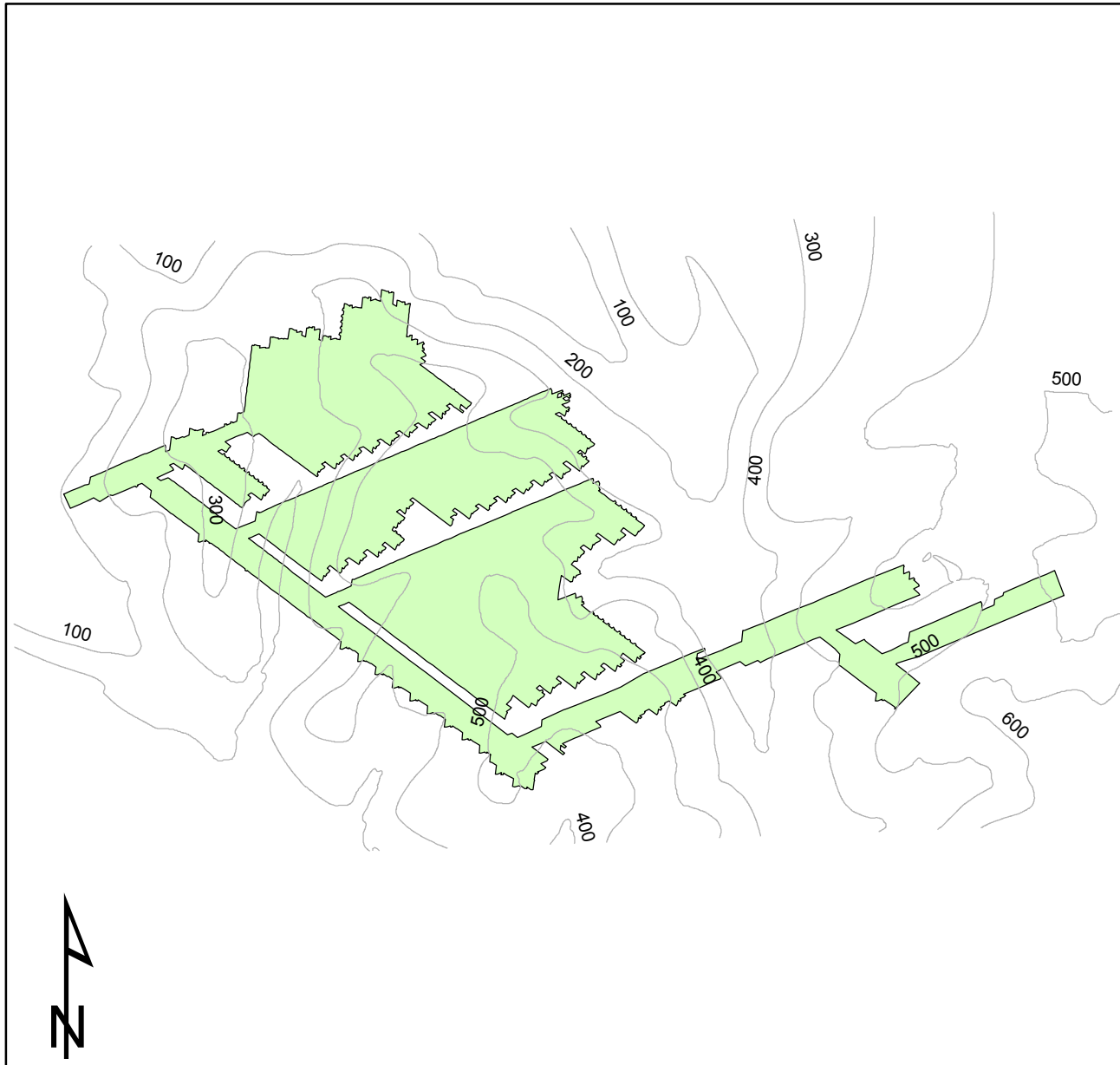
### Map Key

- 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.

# Penfield Mine

## Mining Areas and Overburden Contours



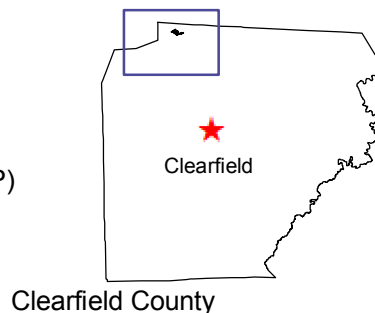
0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



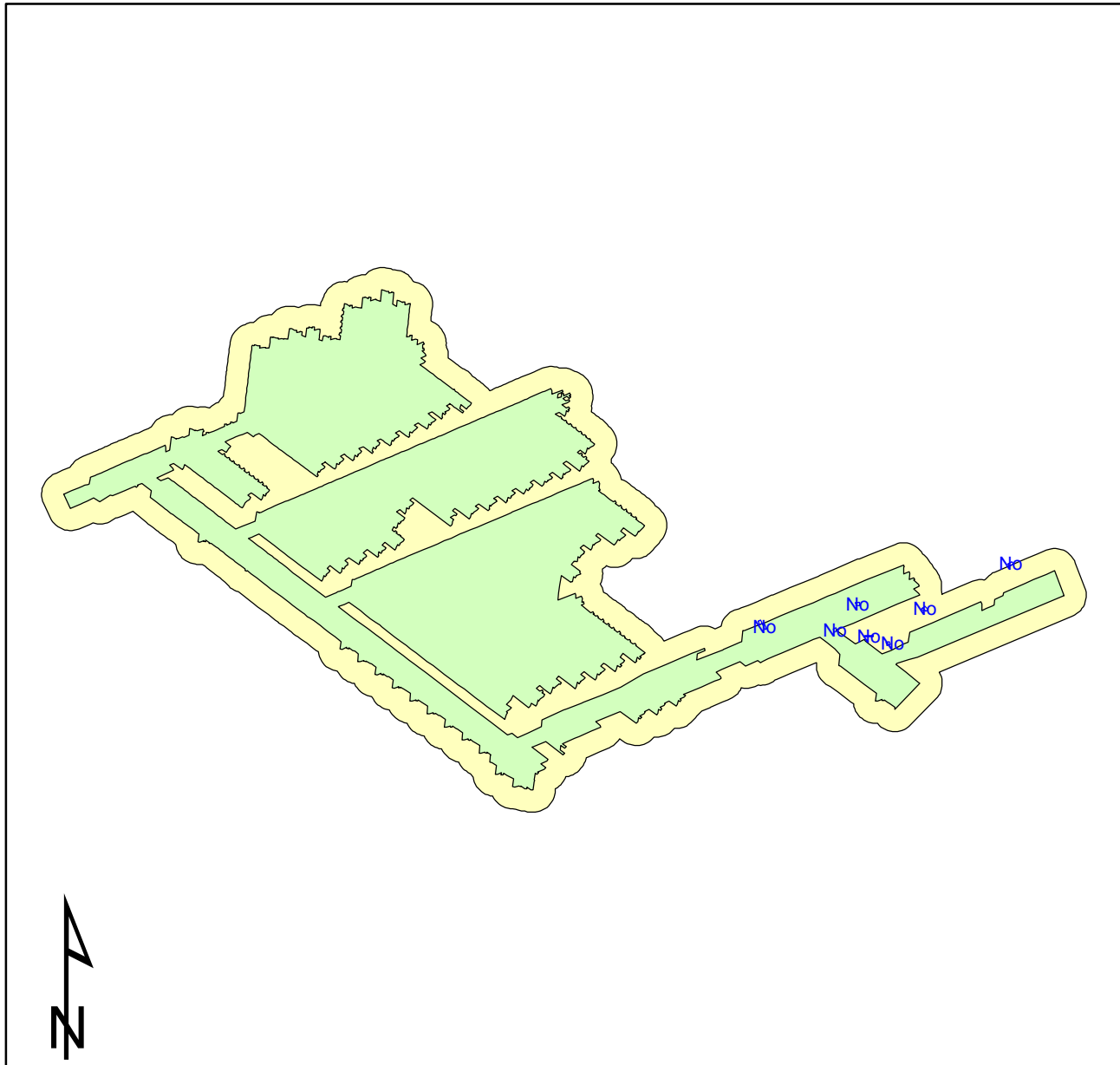
### Map Key

- Overburden Contour
- 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.

# Penfield Mine

## Mining Areas, 200-ft Buffer and Structures



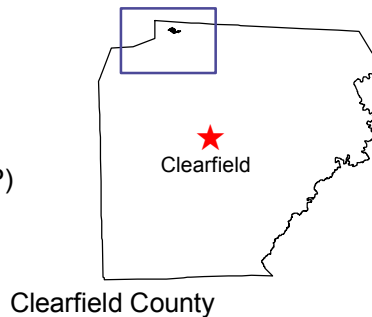
0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Clearfield County

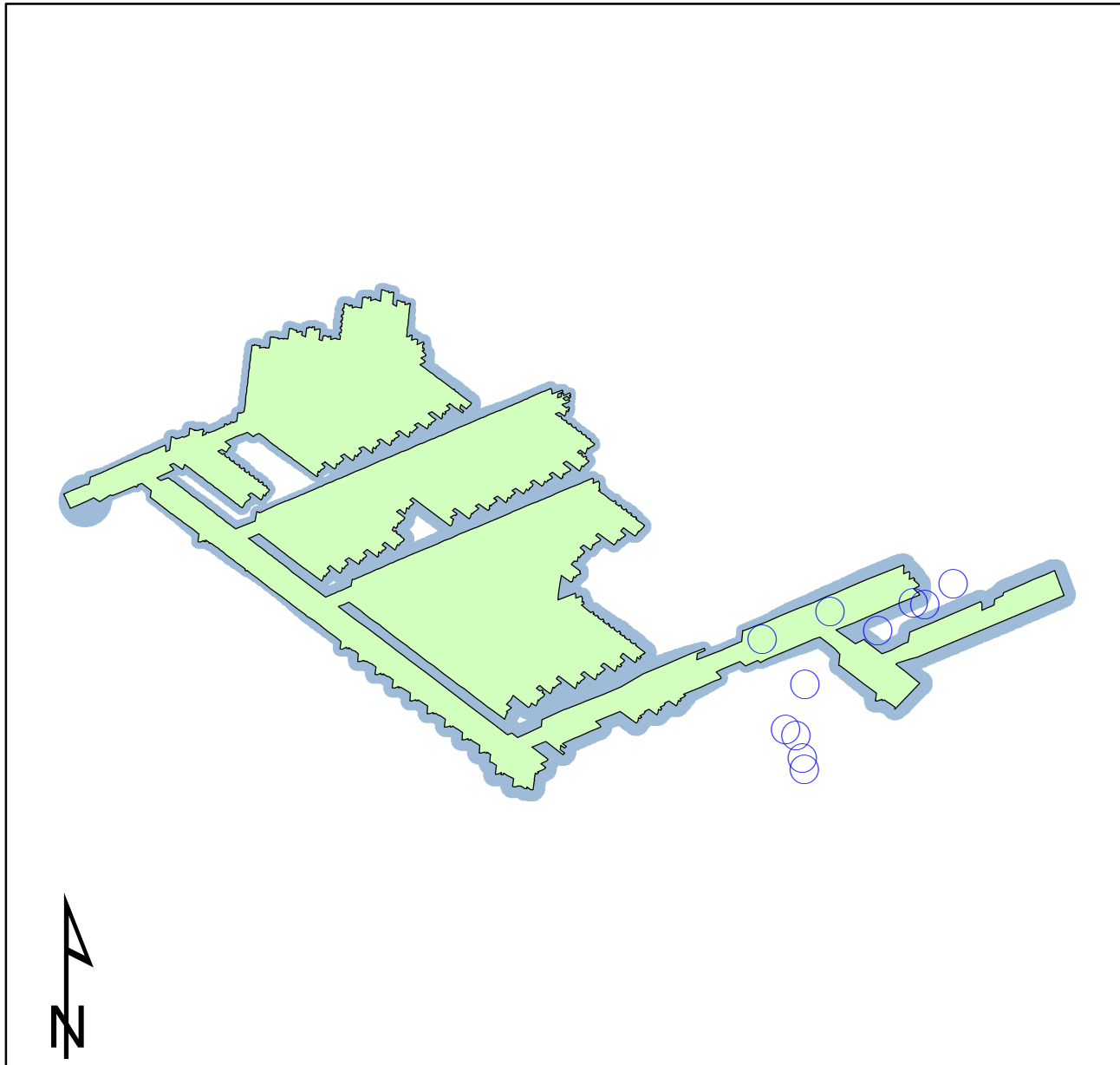
### Map Key

- 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.

# Penfield Mine

## Mining Areas, Watersources and RPZ



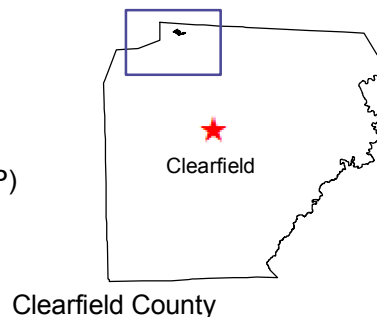
0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



### Map Key

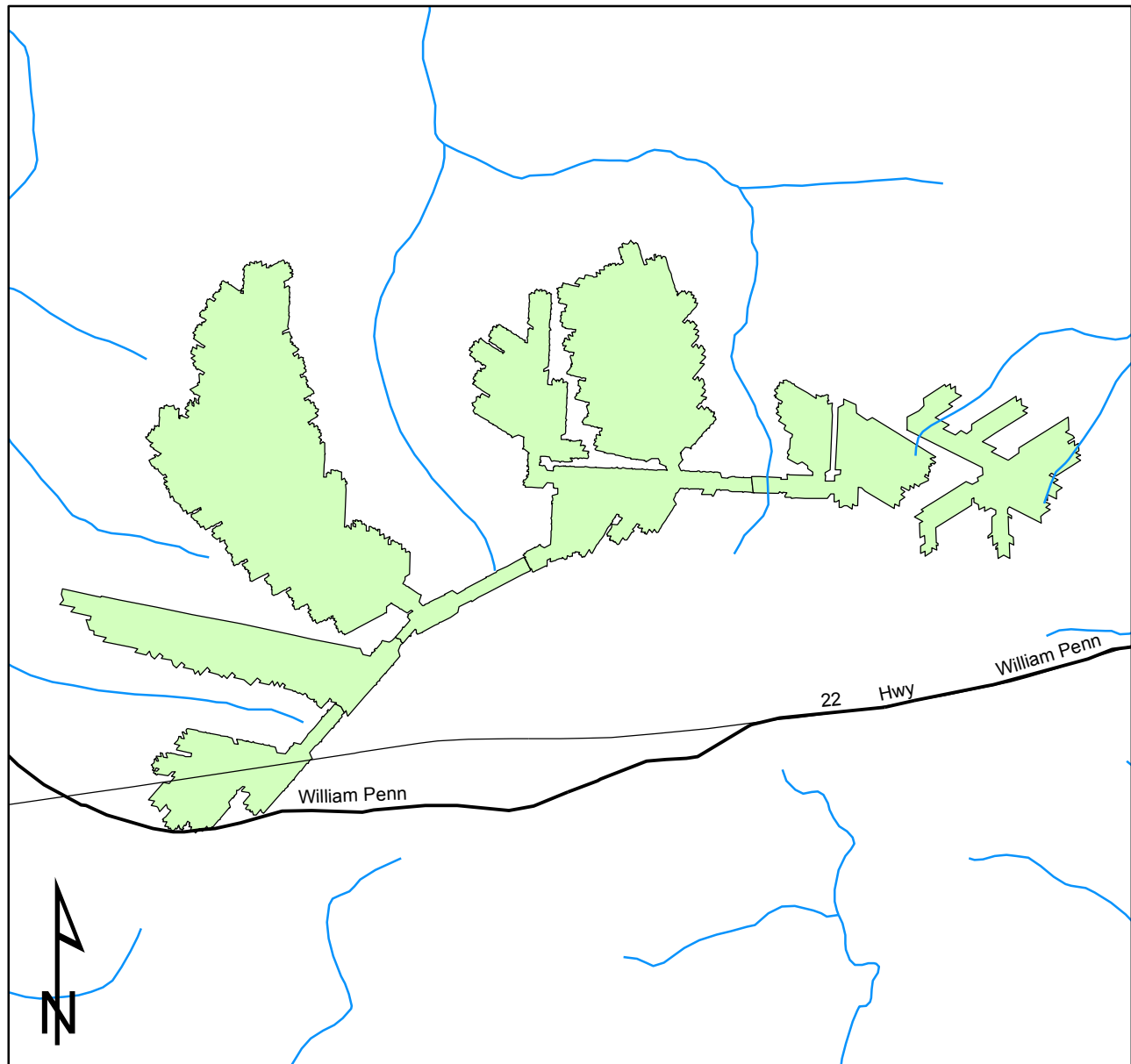
- Watersources with no reported effects
- Room-and-Pillar
- RPZ



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.

# Penn View Mine

## Mining Areas, Major Roads and Streams



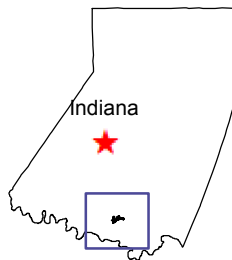
0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



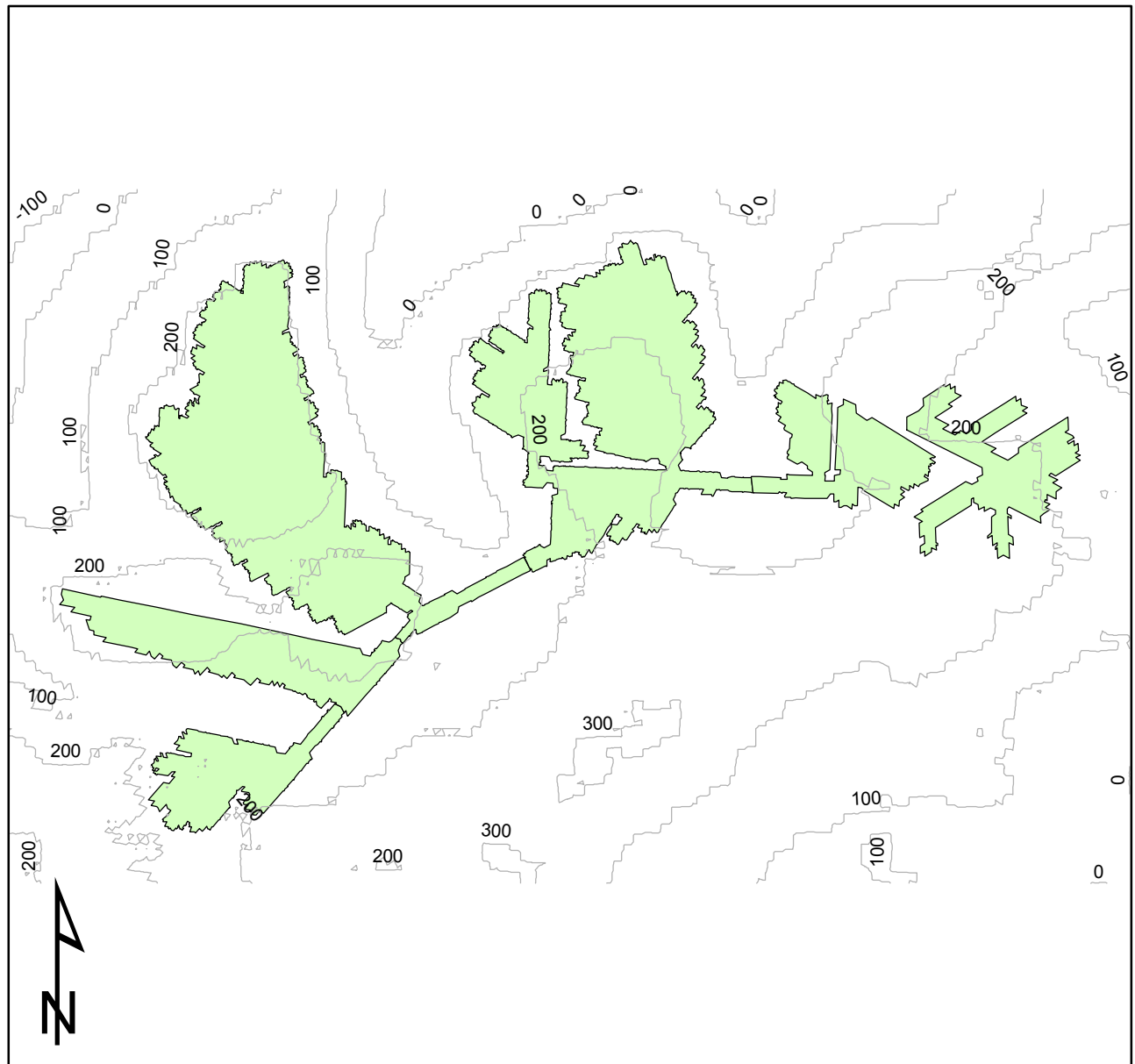
Indiana County

### 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.

# Penn View Mine Mining Areas and Overburden Contours



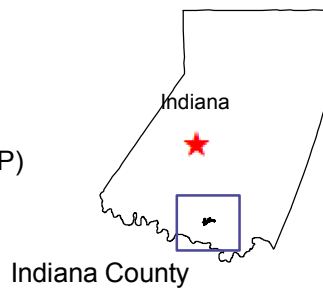
0 0.15 0.3 0.6 Miles



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Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



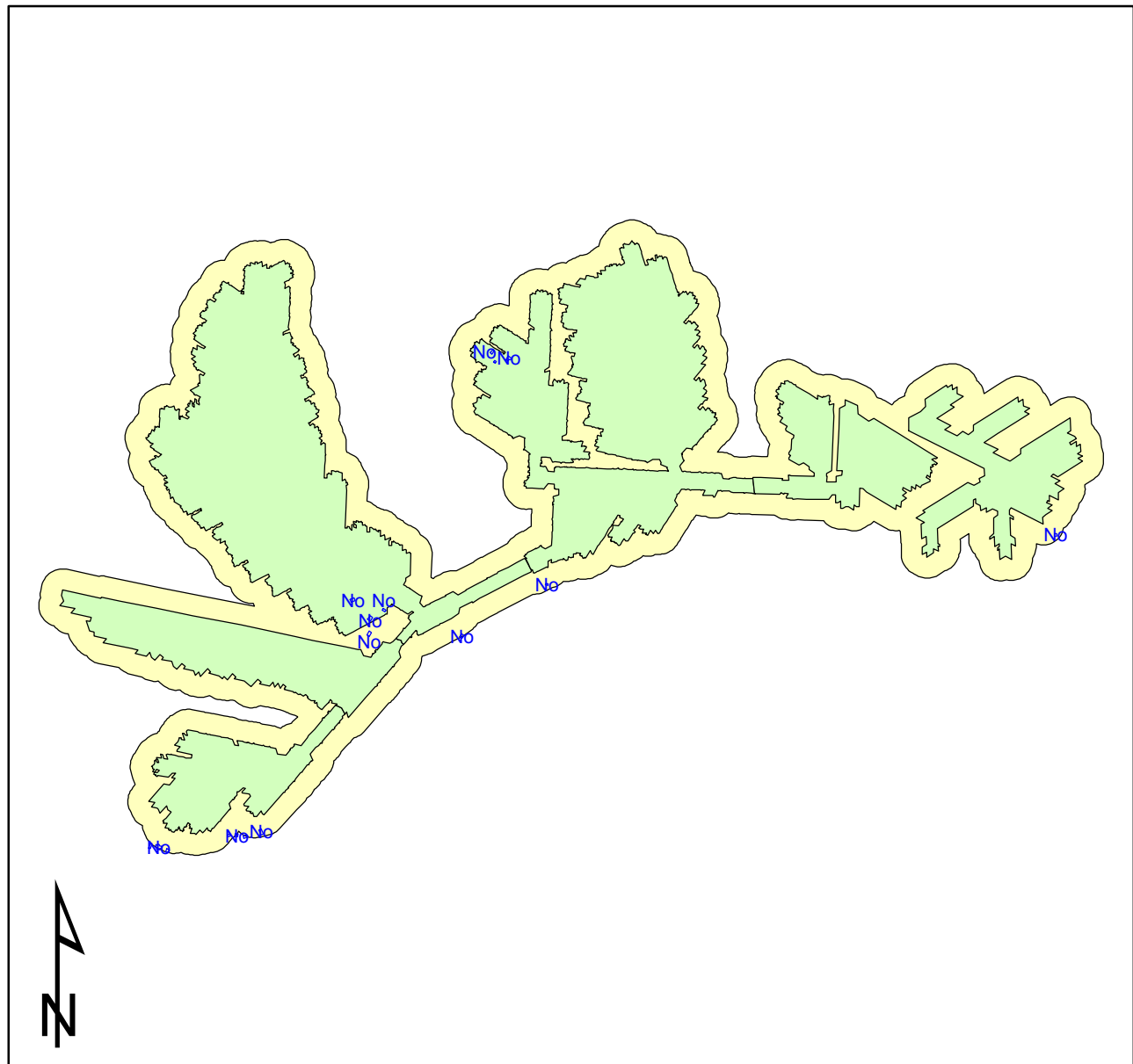
## Map Key

- 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.

# Penn View Mine

## Mining Areas, 200-ft Buffer and Structures



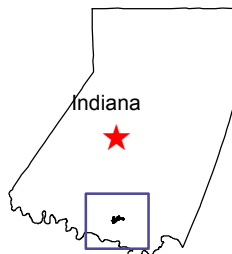
0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



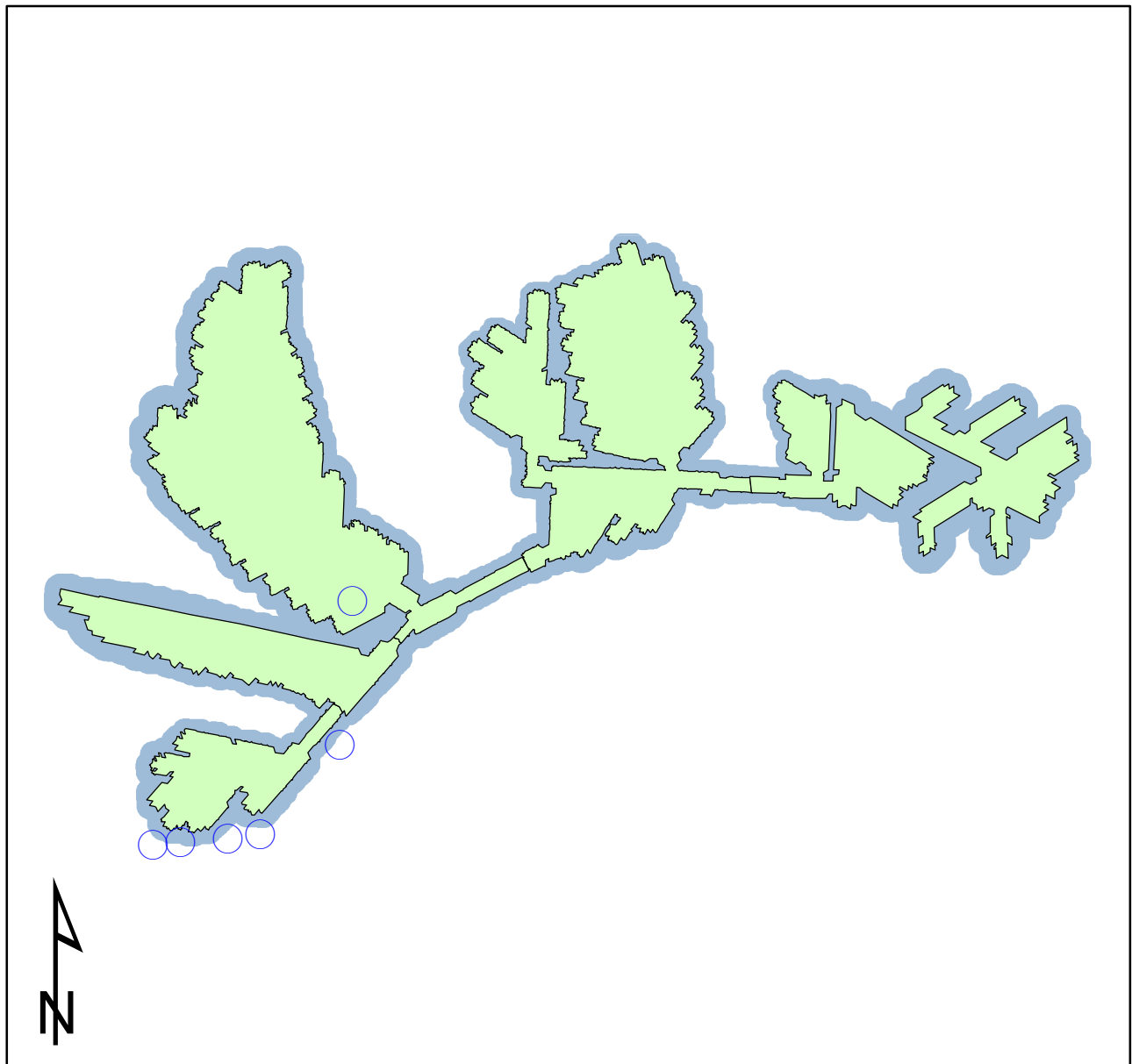
Indiana County

### 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.

# Penn View Mine Mining Areas, Watersources and RPZ



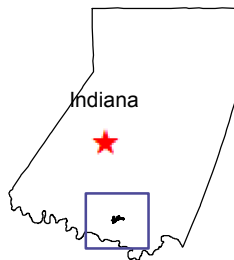
0 0.15 0.3 0.6 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)






Prepared by:  
University of Pittsburgh



Indiana County

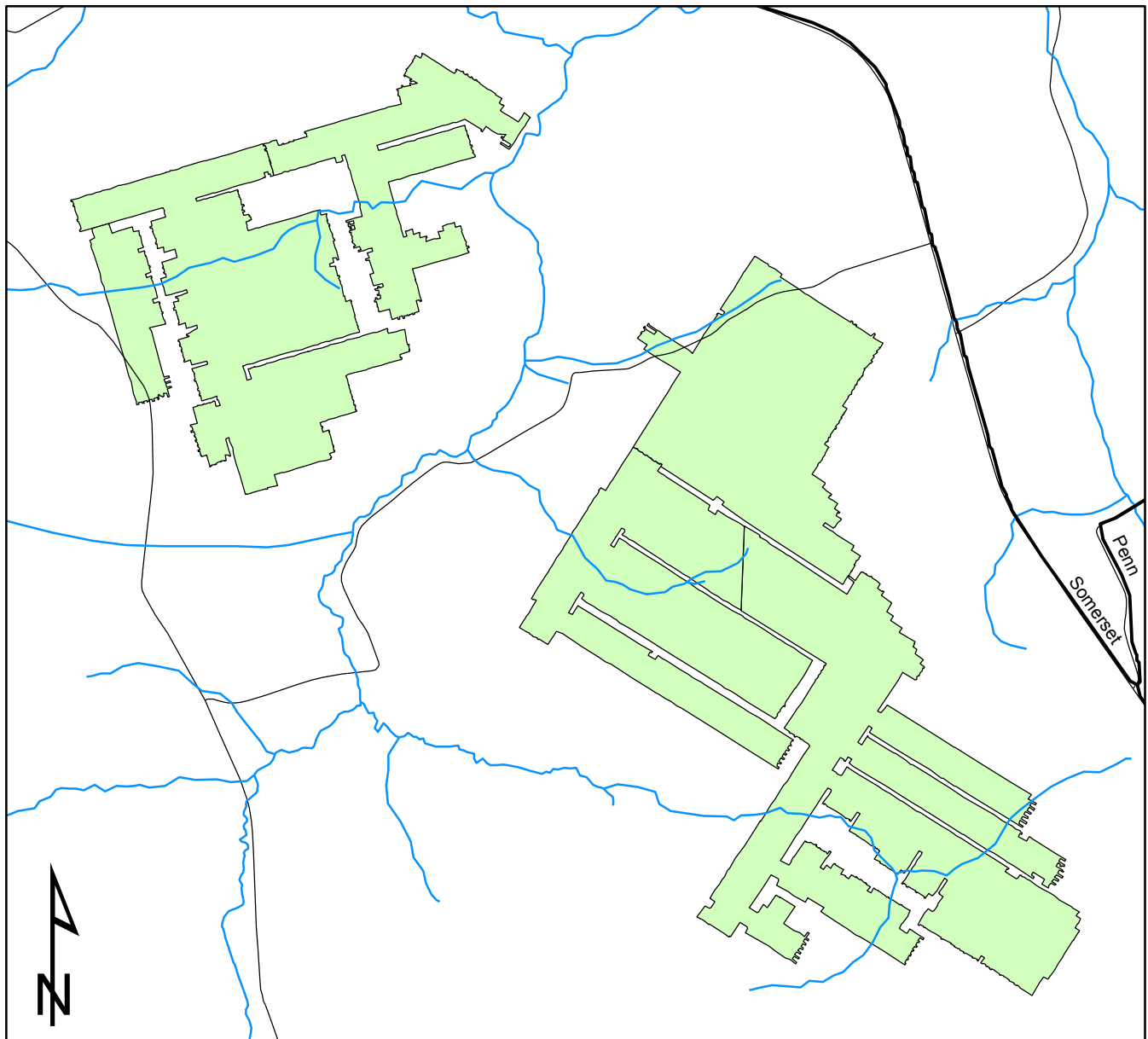
## Map Key

-  *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.

# Queecreek No.1 Mine

## Mining Areas, Major Roads and Streams



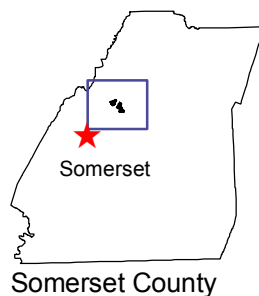
0 0.1 0.2 0.4 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh

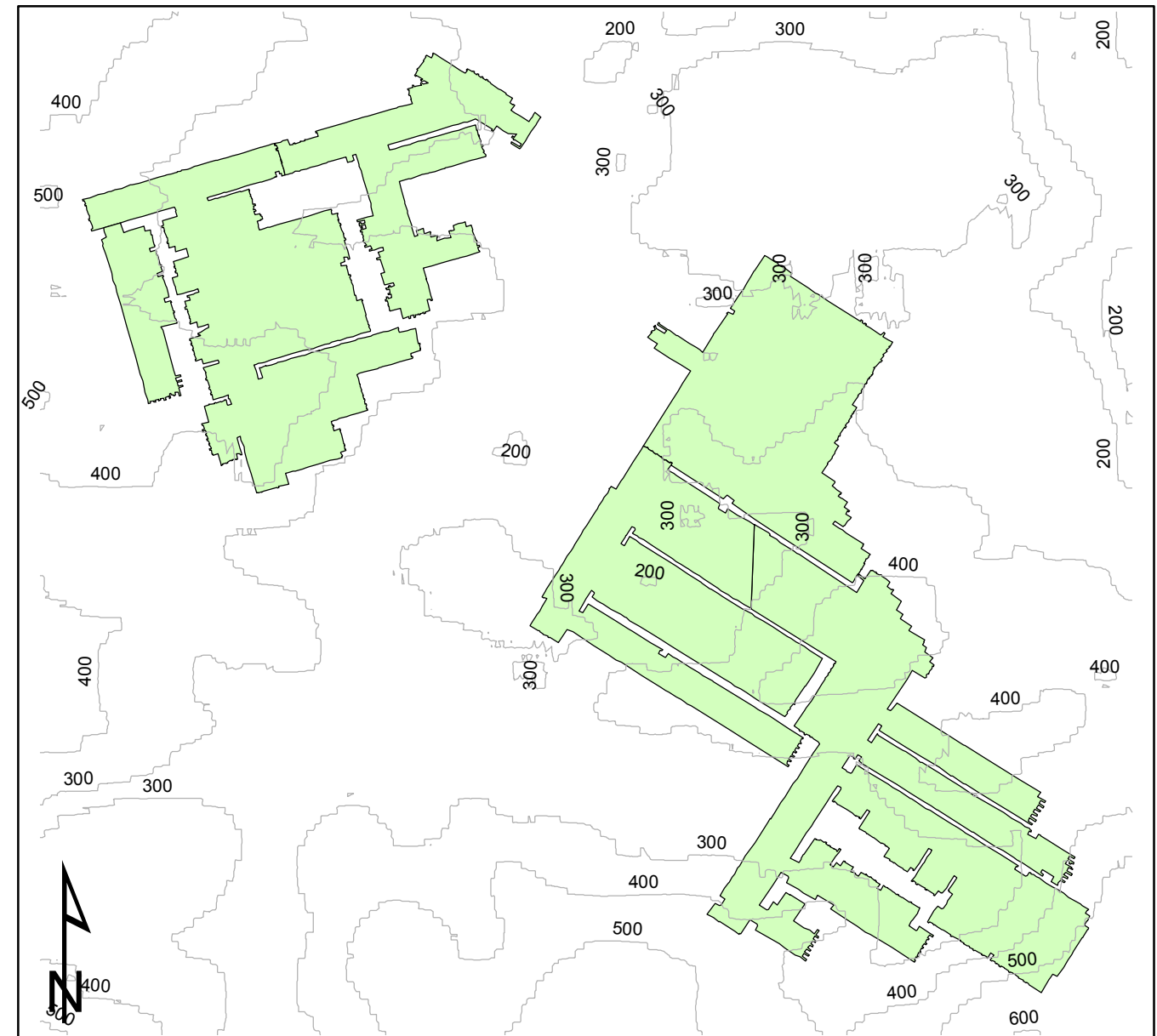


### Map Key

- 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.

# Queecreek No.1 Mine Mining Areas and Overburden Contours



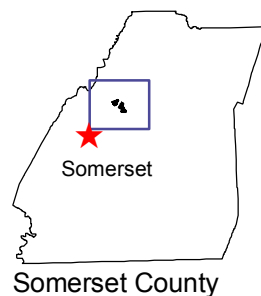
0 0.1 0.2 0.4 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh

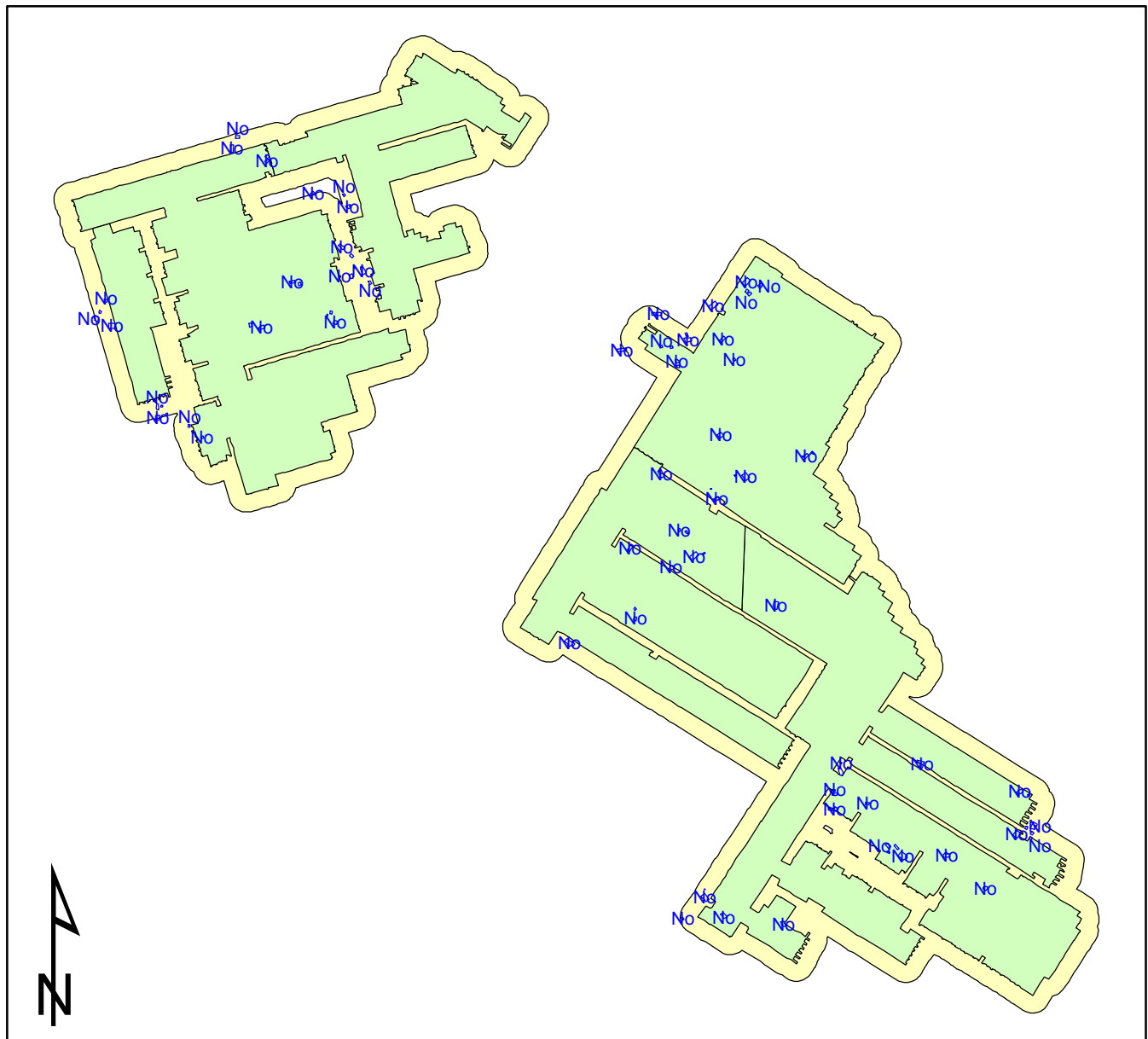


## Map Key

- 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.

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



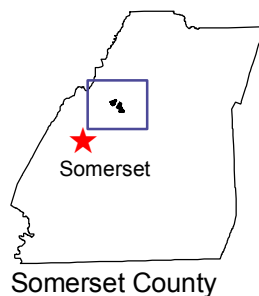
0 0.1 0.2 0.4 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh

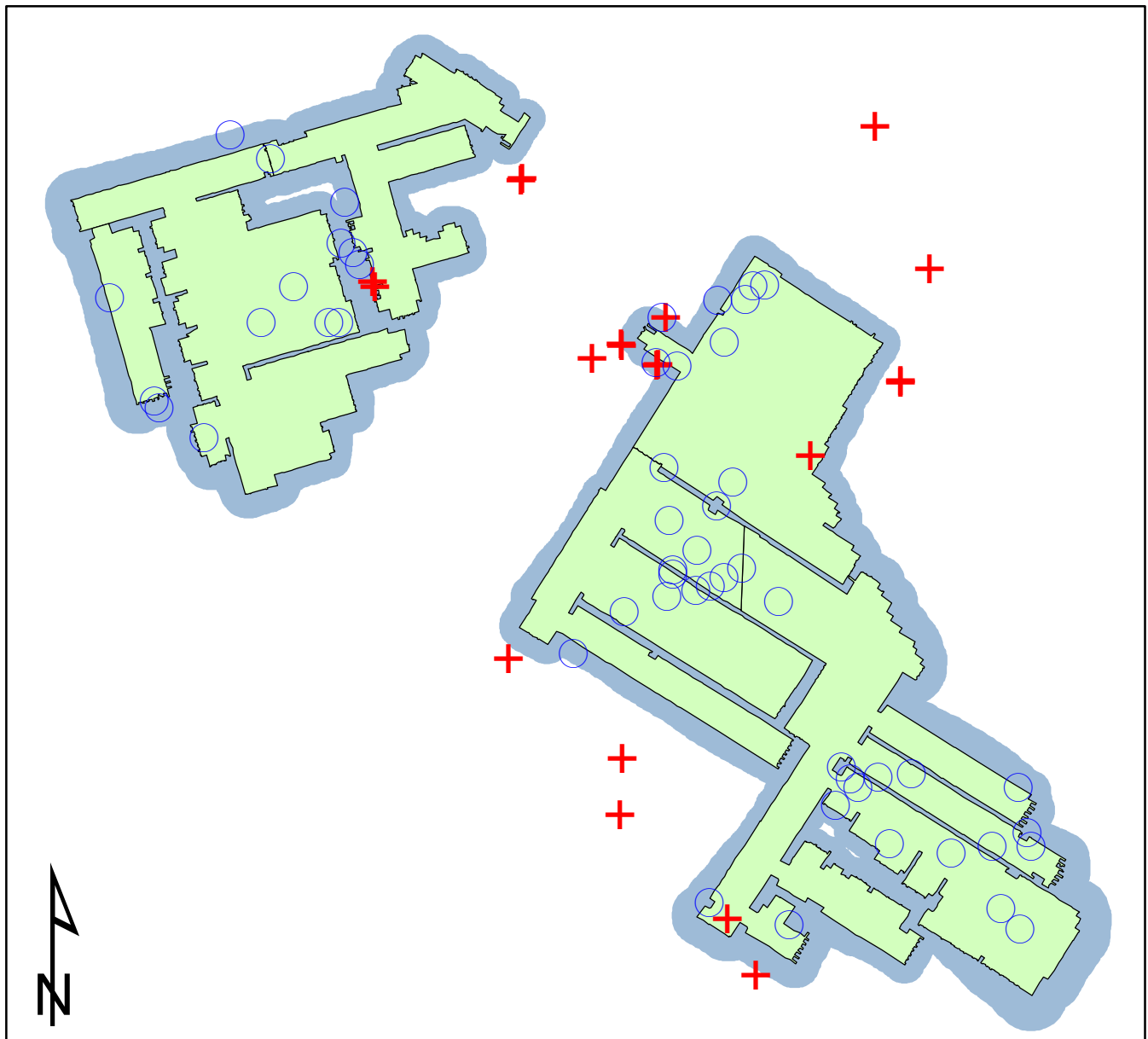


## Map Key

- 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.

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



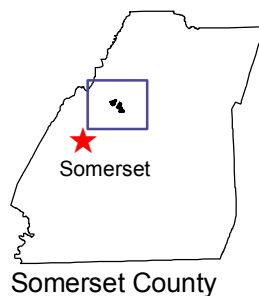
0 0.1 0.2 0.4 Miles







Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



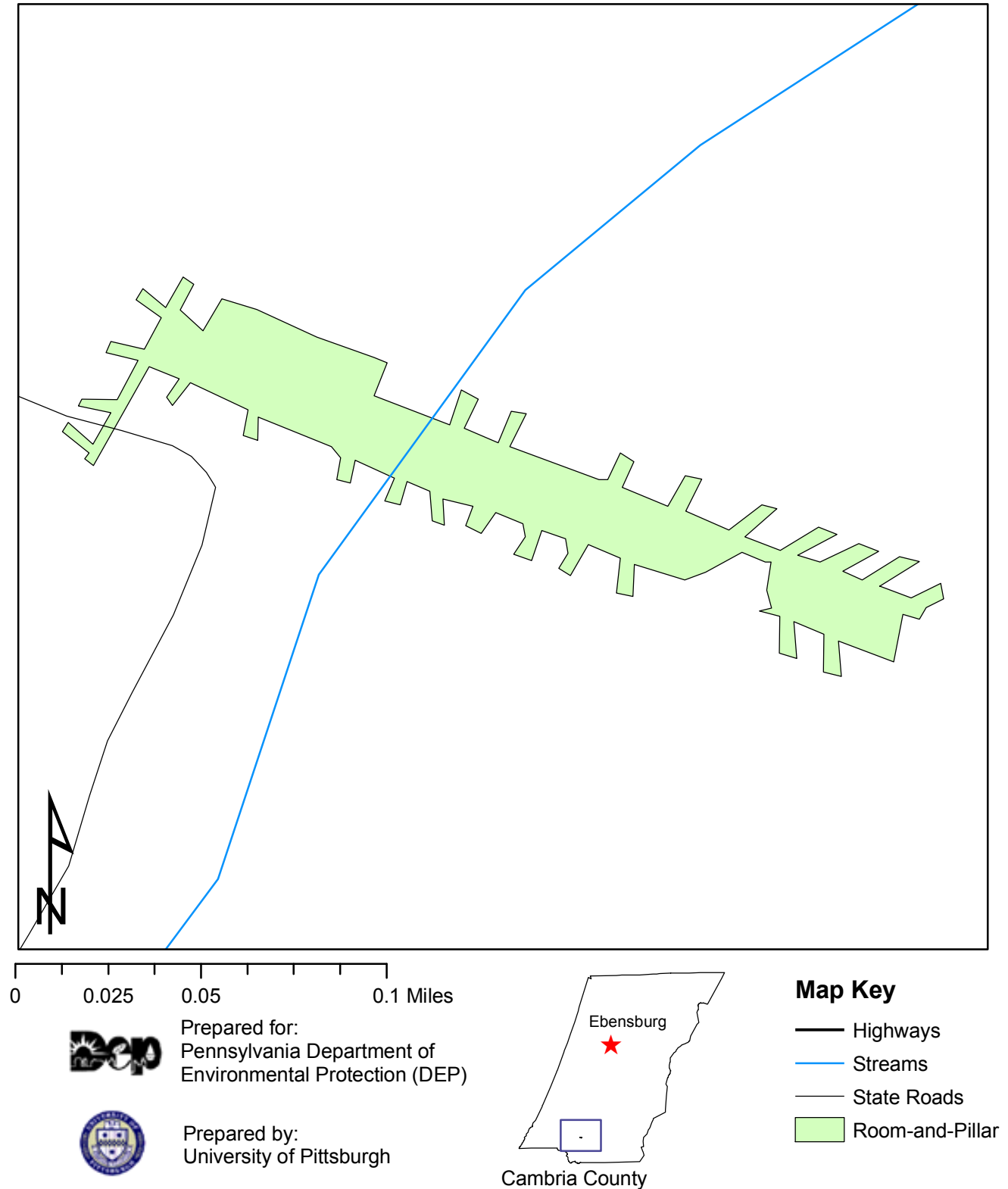
## Map Key

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



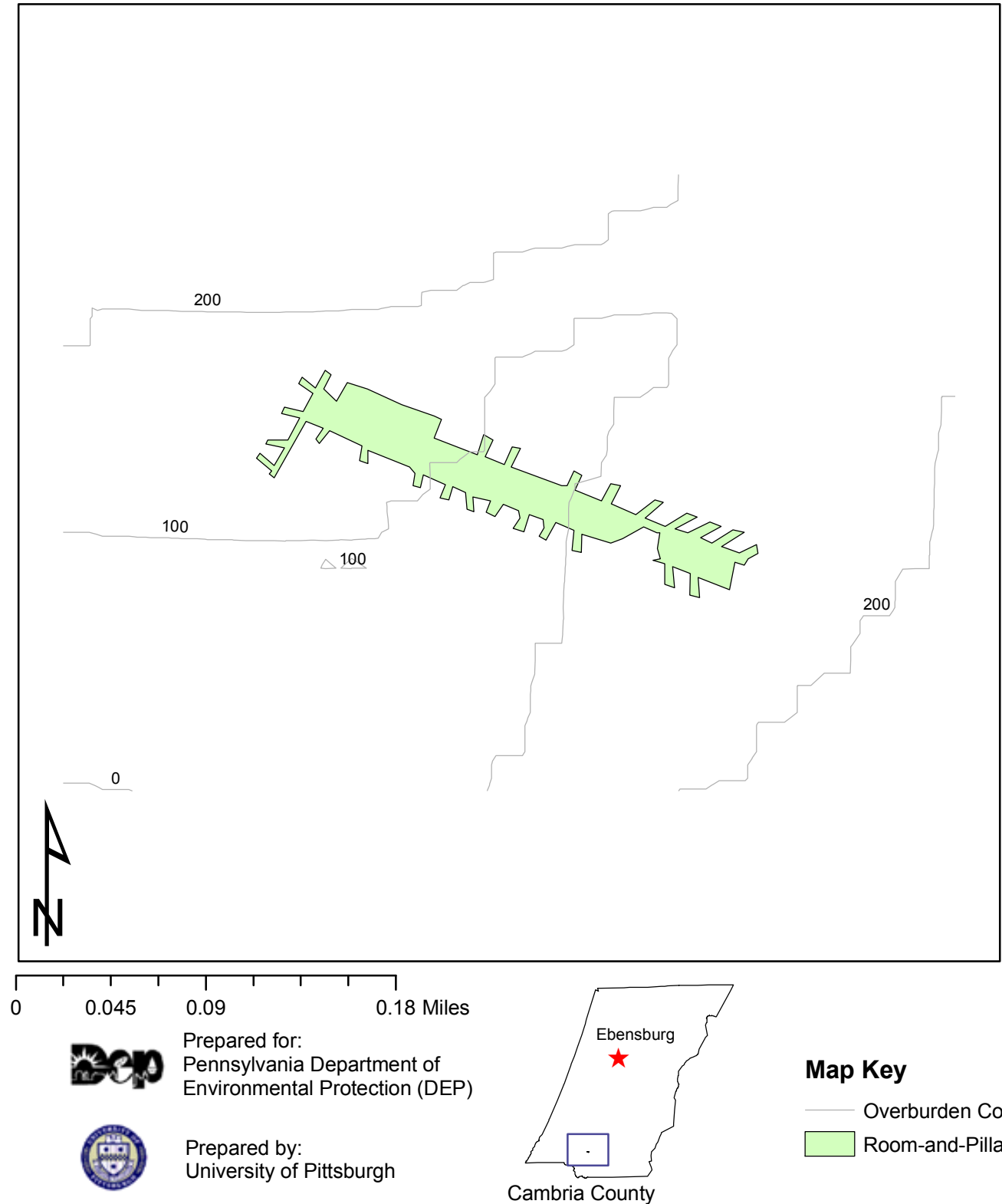
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Rampside No.1 Mine Mining Areas, Major Roads and Streams



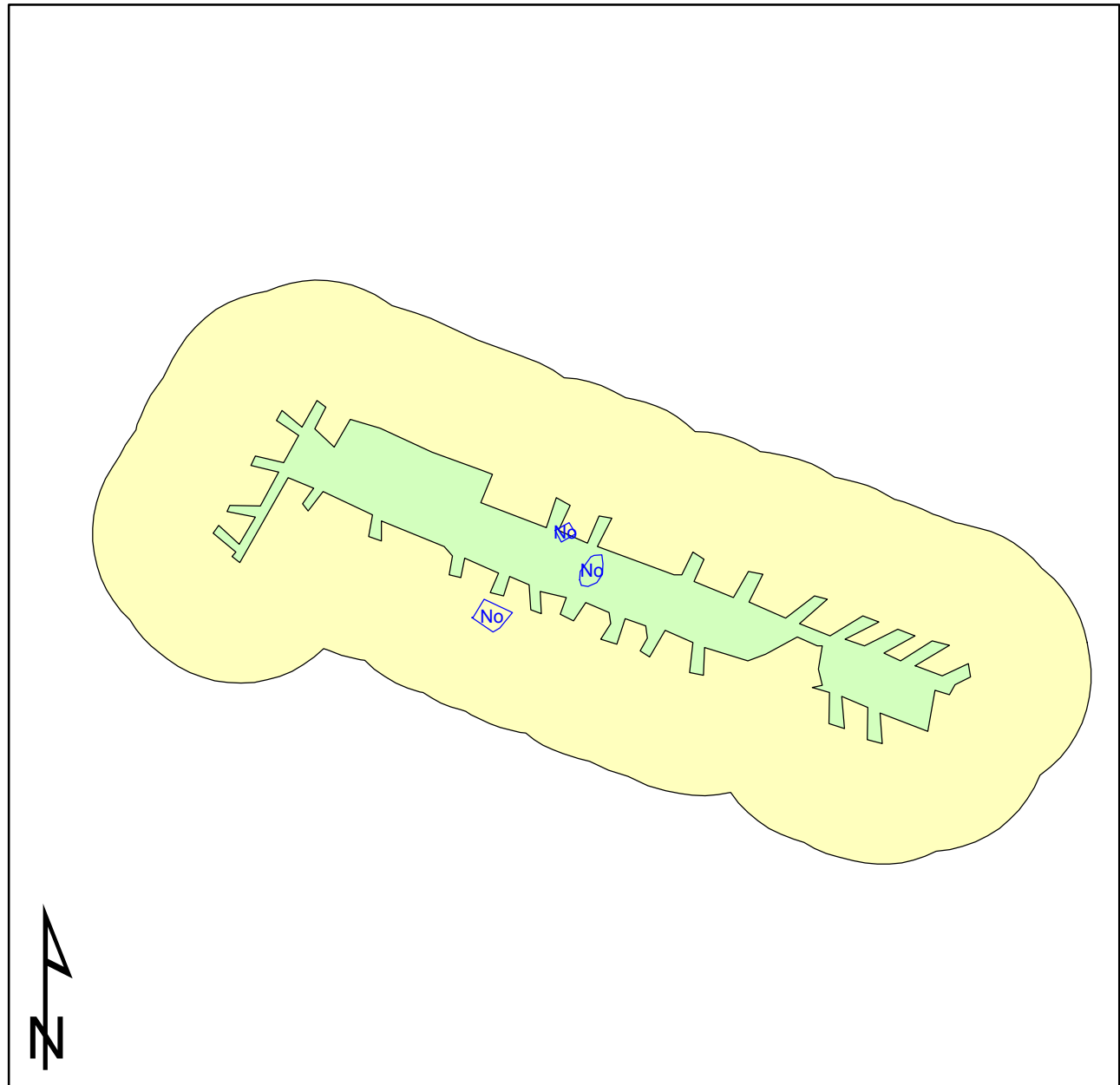
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

# Rampside No.1 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.

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



0 0.03 0.06 0.12 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Cambria County

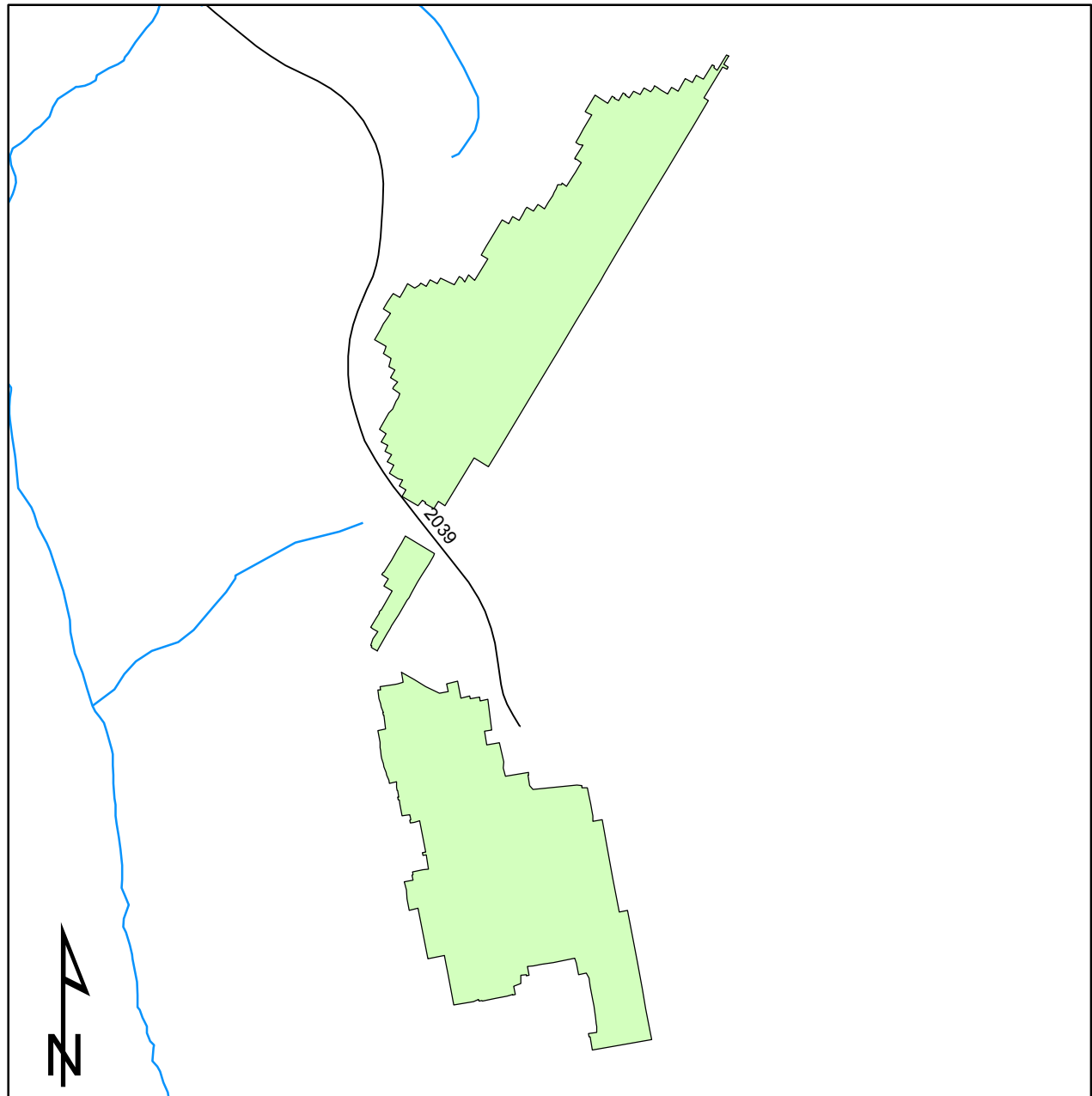
## Map Key

- 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.

# Ridge Mine

## Mining Areas, Major Roads and Streams



0 0.1 0.2 0.4 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Kittanning

Armstrong County

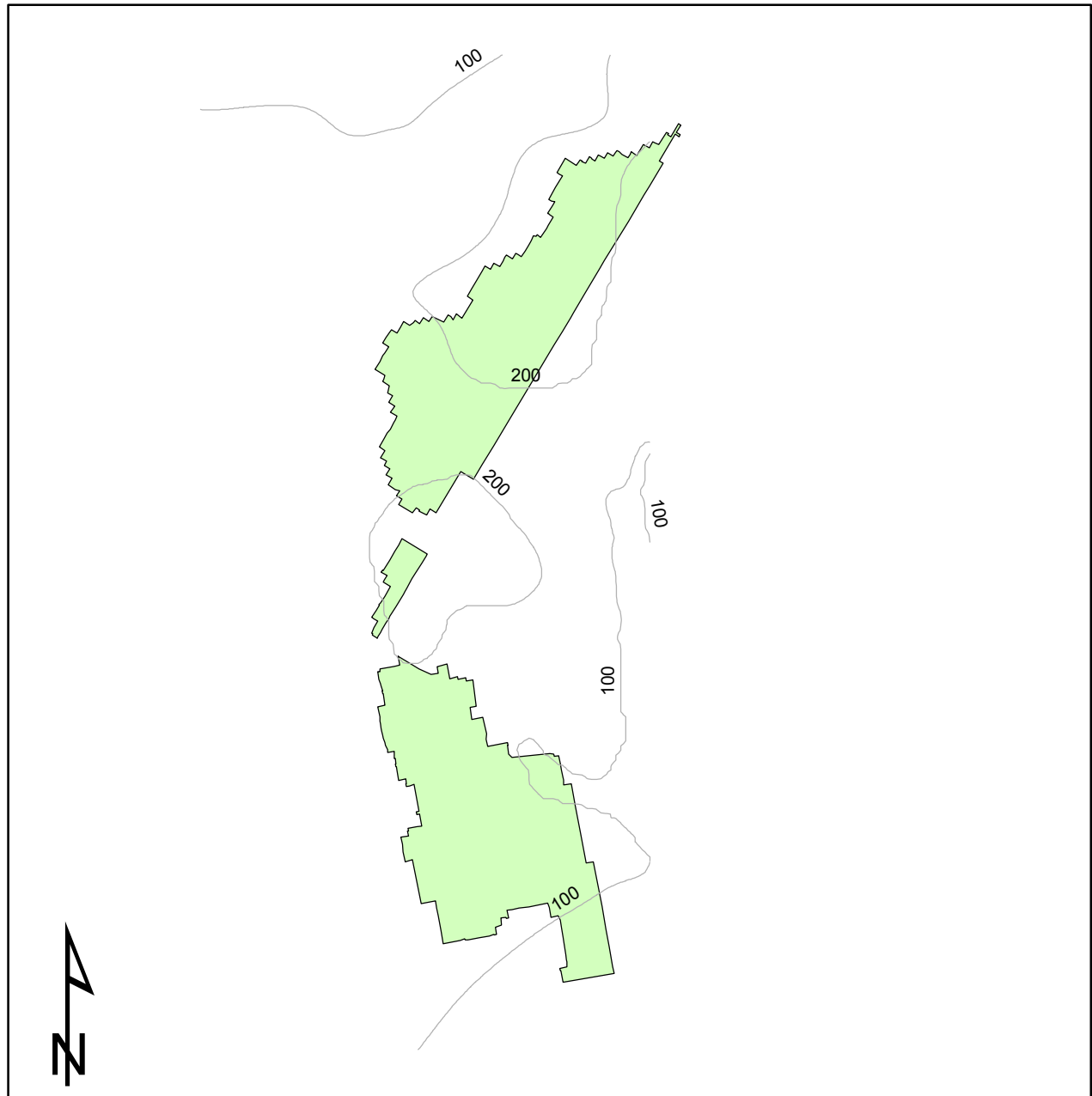
### Map Key

- 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.

# Ridge Mine

## Mining Areas and Overburden Contours



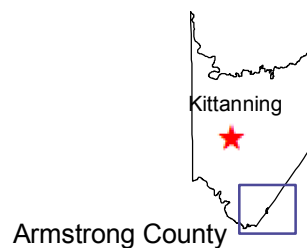
0 0.1 0.2 0.4 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



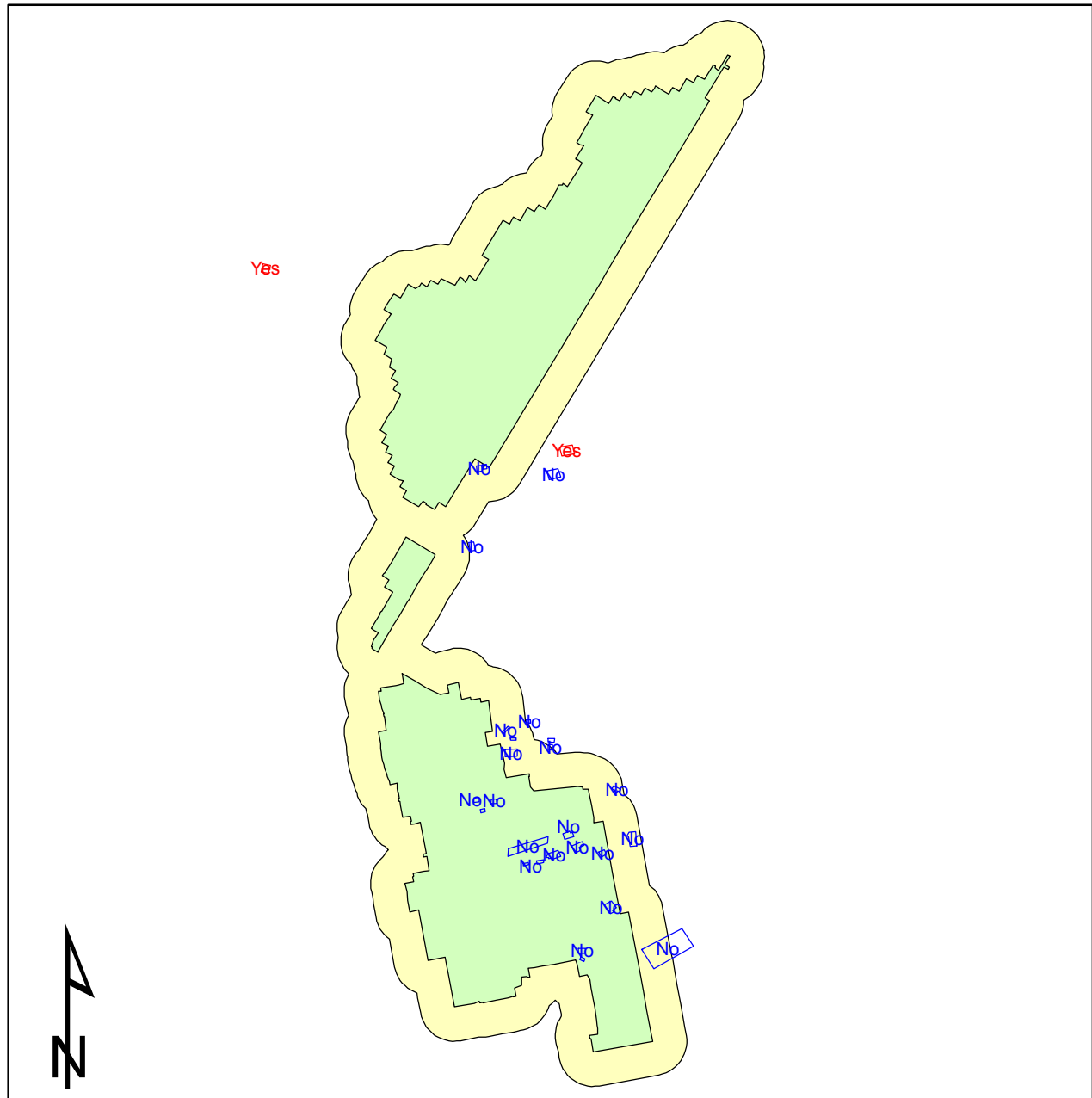
### Map Key

- 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.

# Ridge Mine

## Mining Areas, 200-ft Buffer and Structures



0 0.1 0.2 0.4 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)



Prepared by:  
University of Pittsburgh



Armstrong County

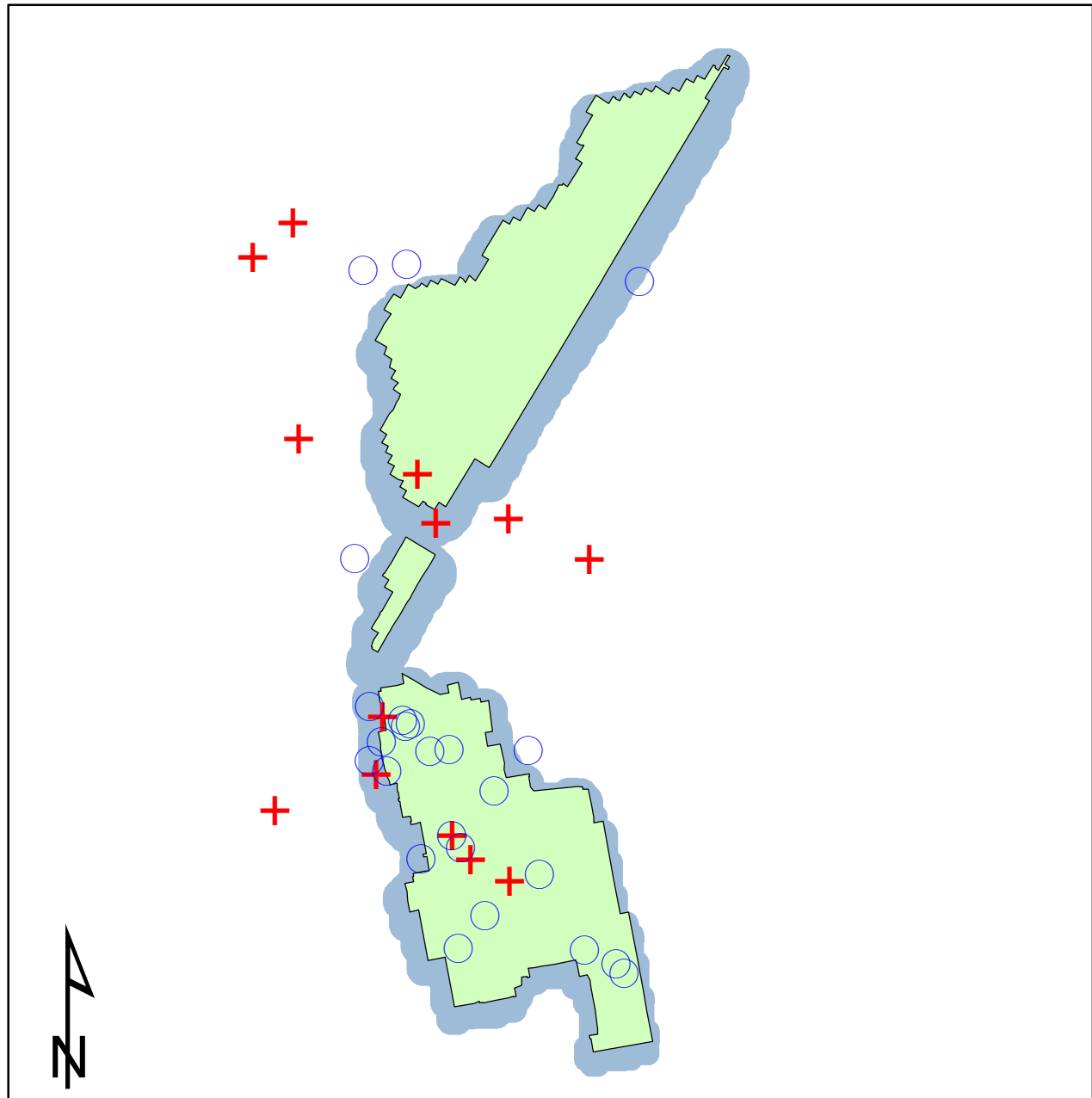
### Map Key

- 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.

# Ridge Mine

## Mining Areas, 200-ft Buffer and Structures



0 0.1 0.2 0.4 Miles



Prepared for:  
Pennsylvania Department of  
Environmental Protection (DEP)







Prepared by:  
University of Pittsburgh



Armstrong County

### Map Key

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