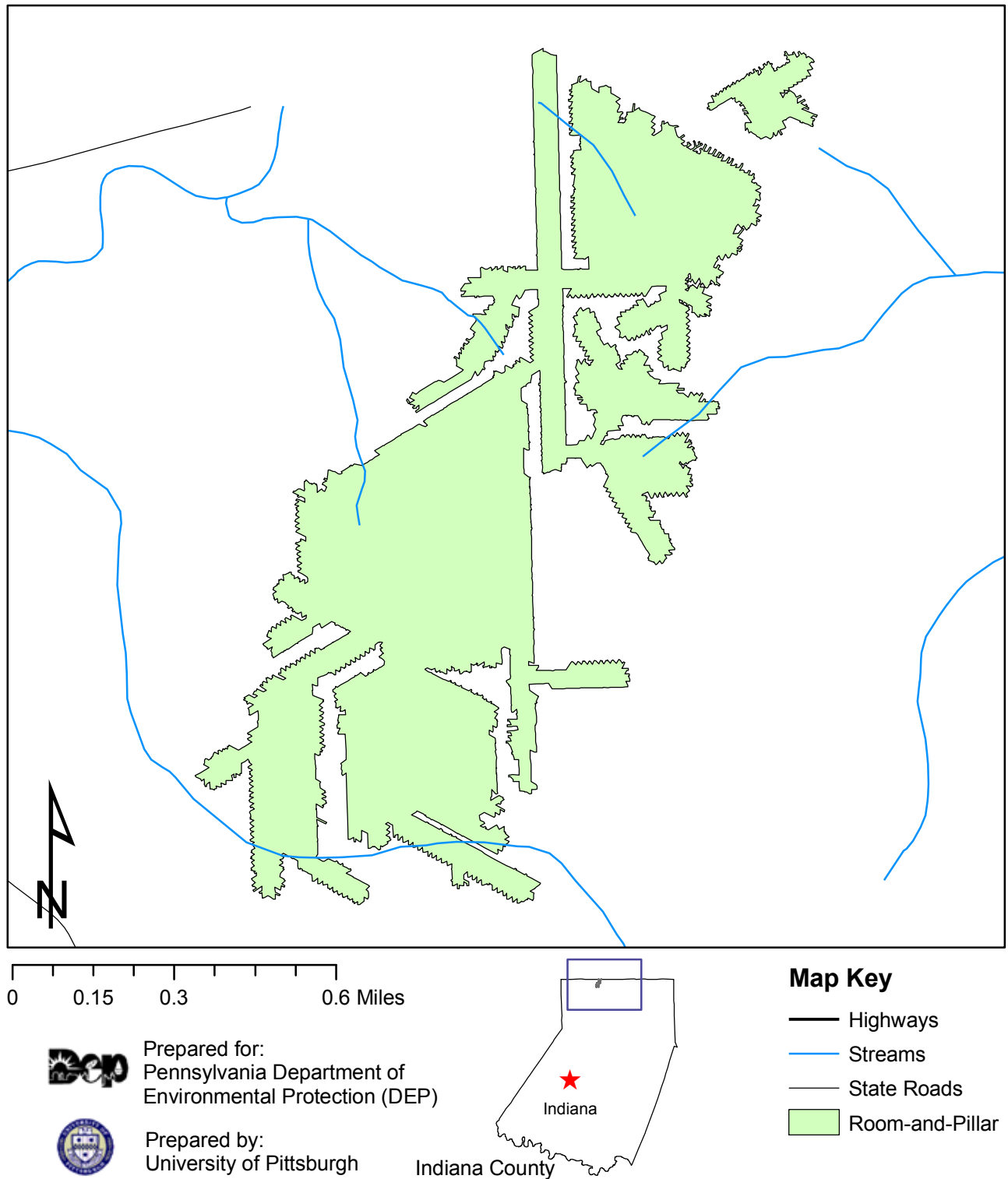


Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

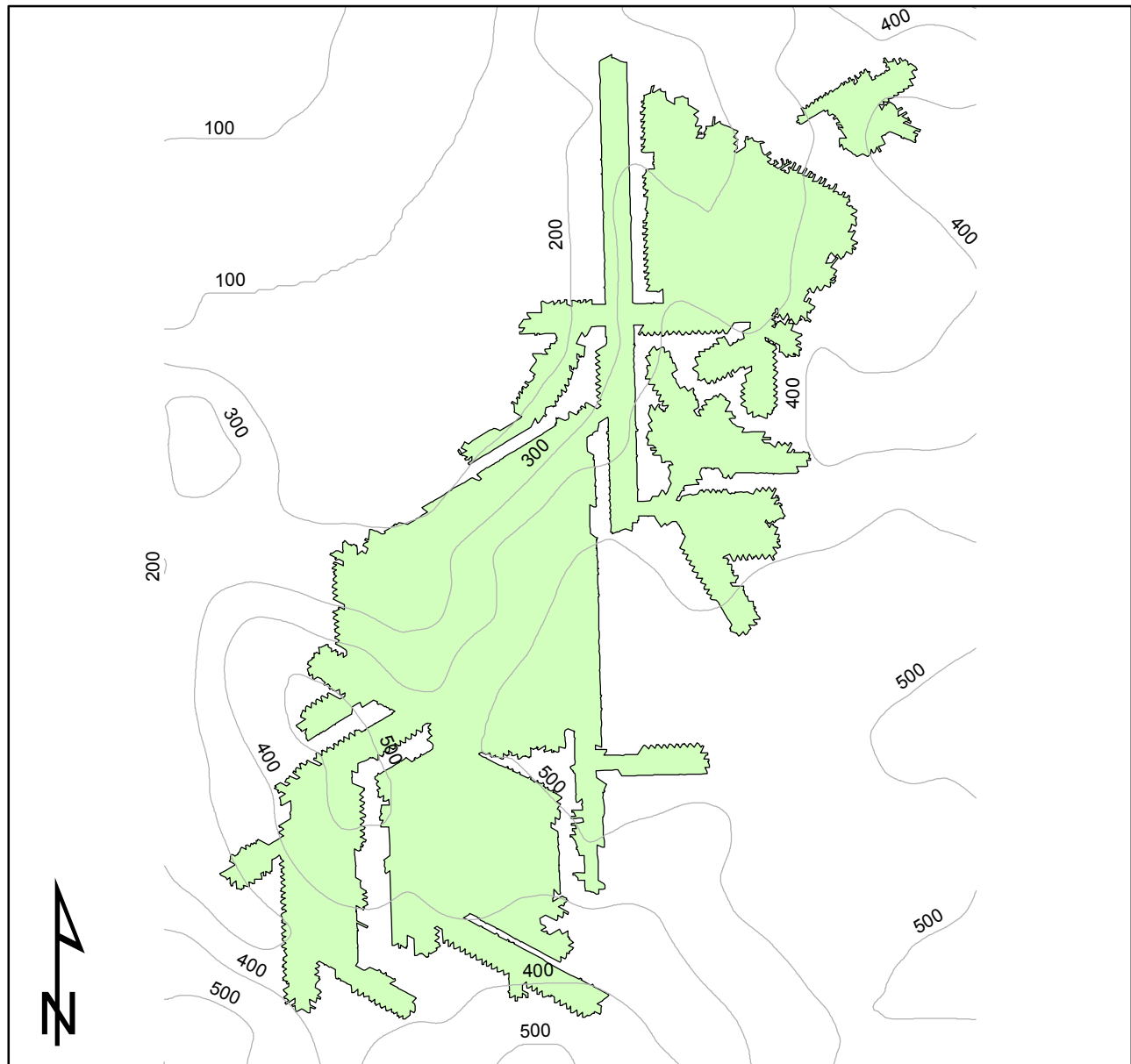
Dora No.8 Mine

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.

Dora No.8 Mine Mining Areas and Overburden Contours



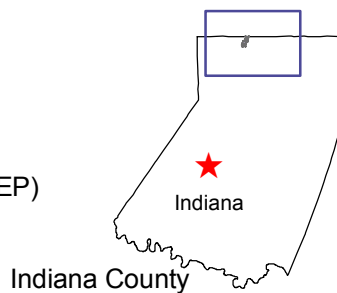
0 0.15 0.3 0.6 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



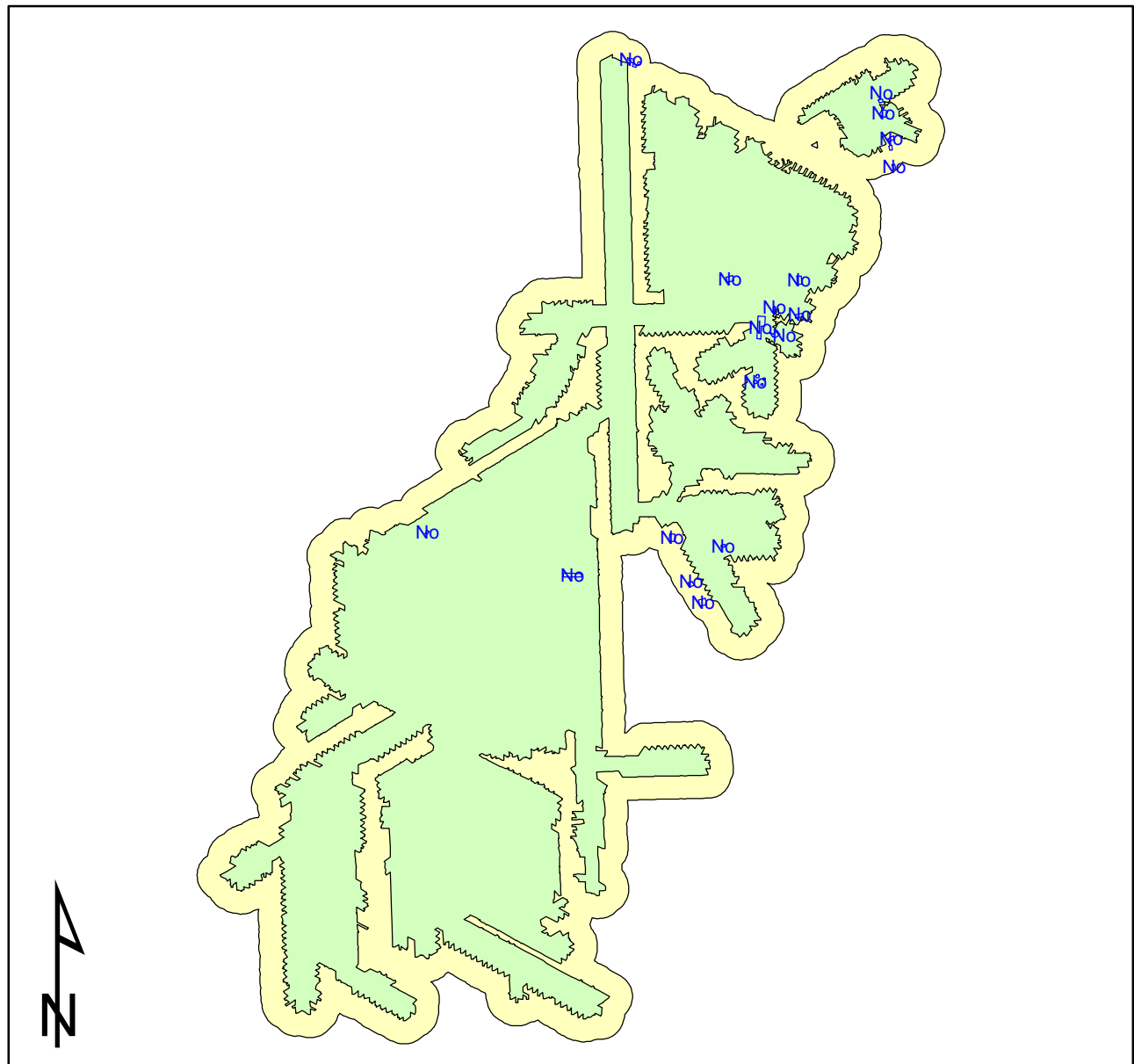
Map Key

- 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.

Dora No.8 Mine

Mining Areas, 200-ft Buffer and Structures



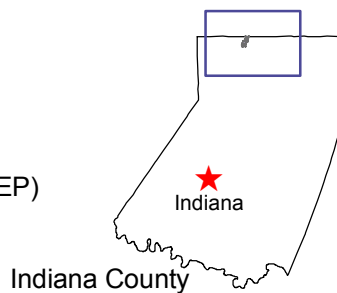
0 0.15 0.3 0.6 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh

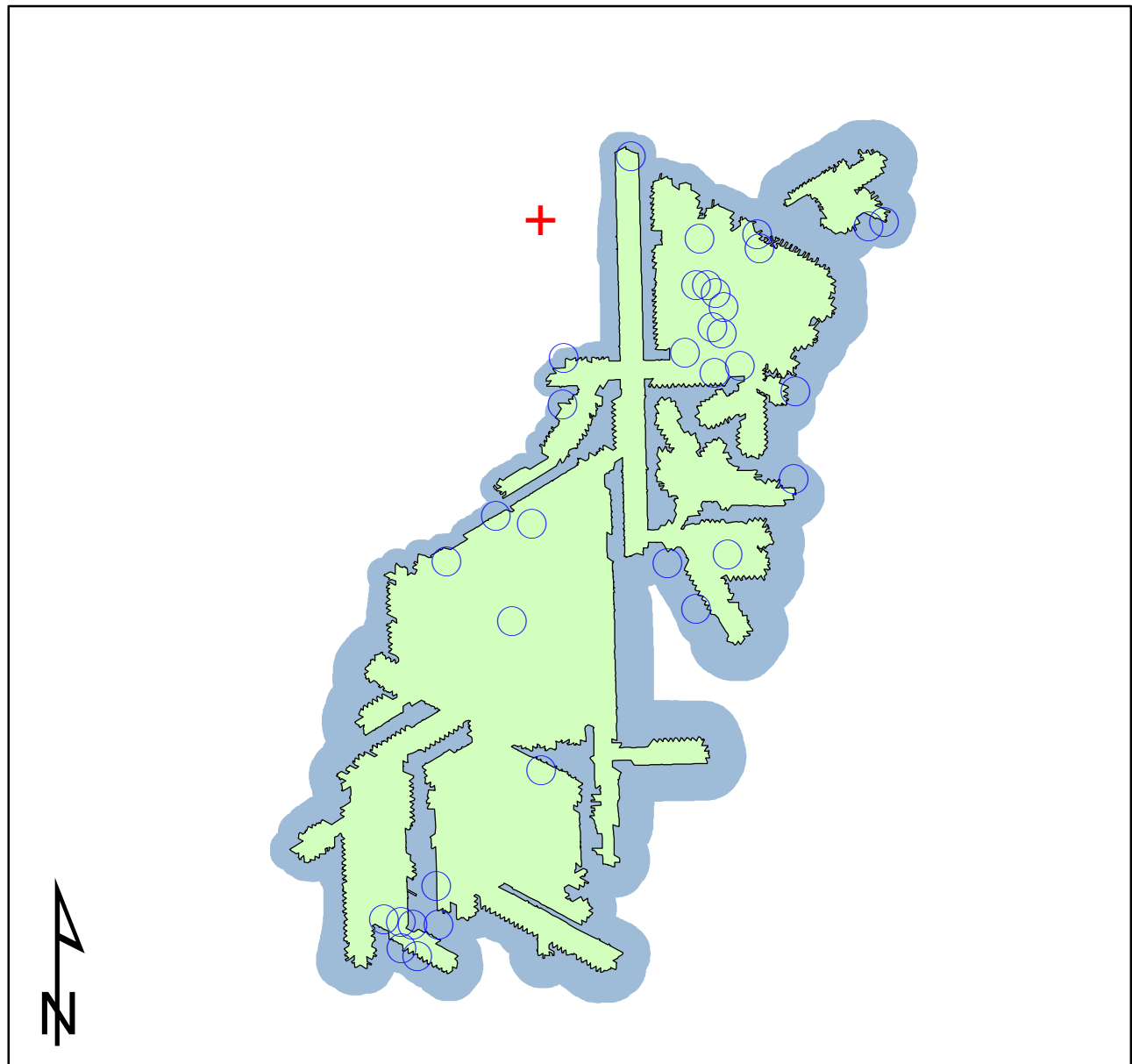


Map Key

- No=Structures with no reported effects
- 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.

Dora No.8 Mine Mining Areas, Watersources and RPZ



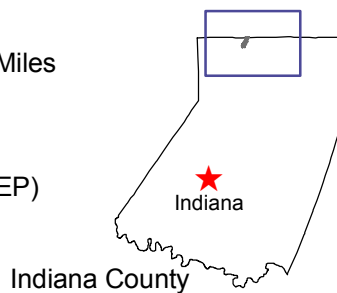
0 0.2 0.4 0.8 Miles







Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh

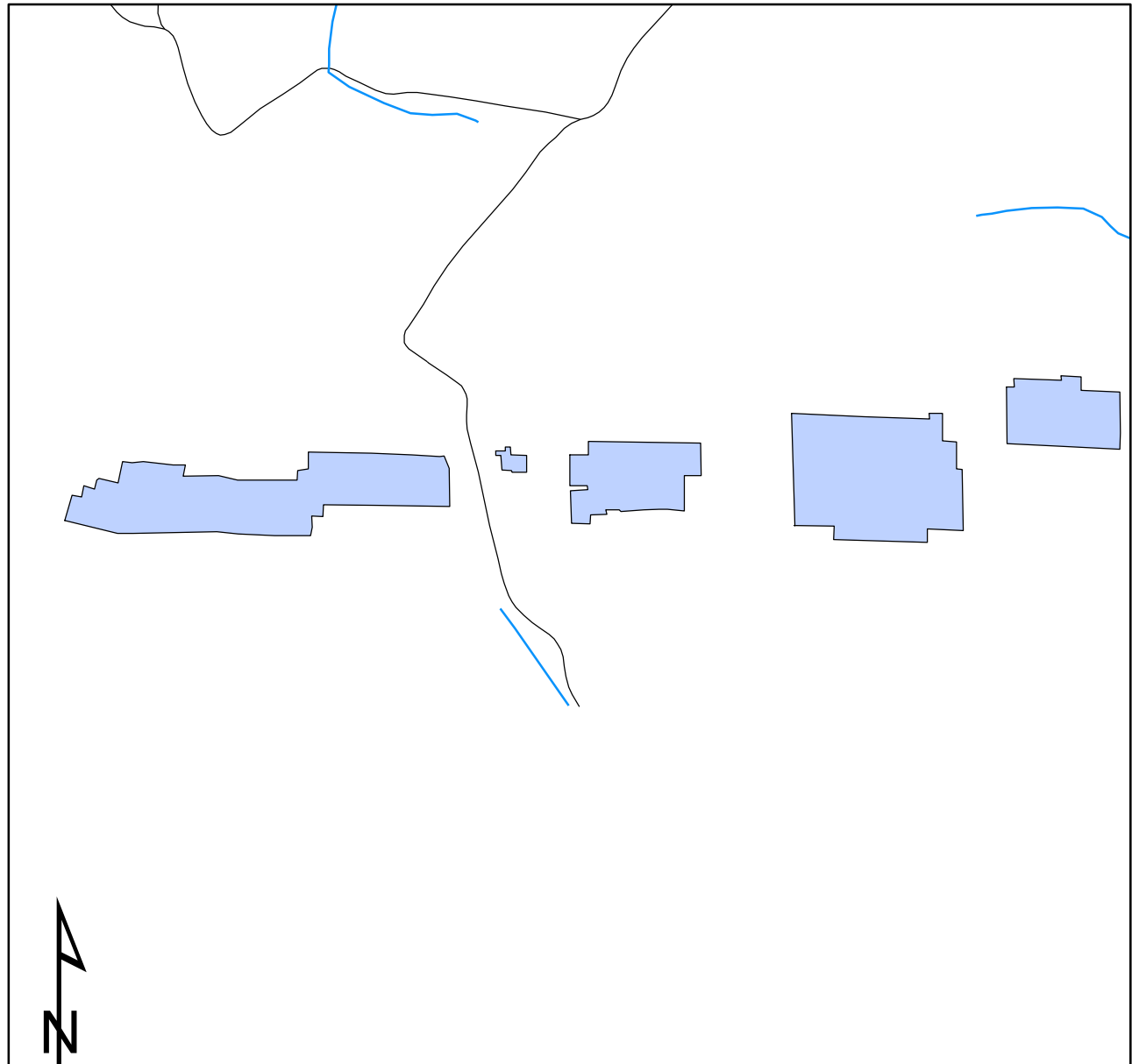


Map Key

-  Watersources with no reported effects
-  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.

Dunkard No.2 Mine Mining Areas, Major Roads and Streams



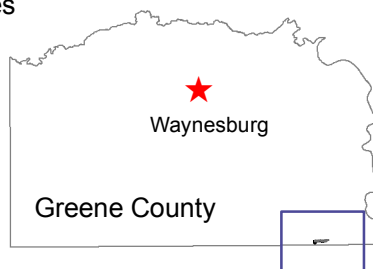
0 0.125 0.25 0.5 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh

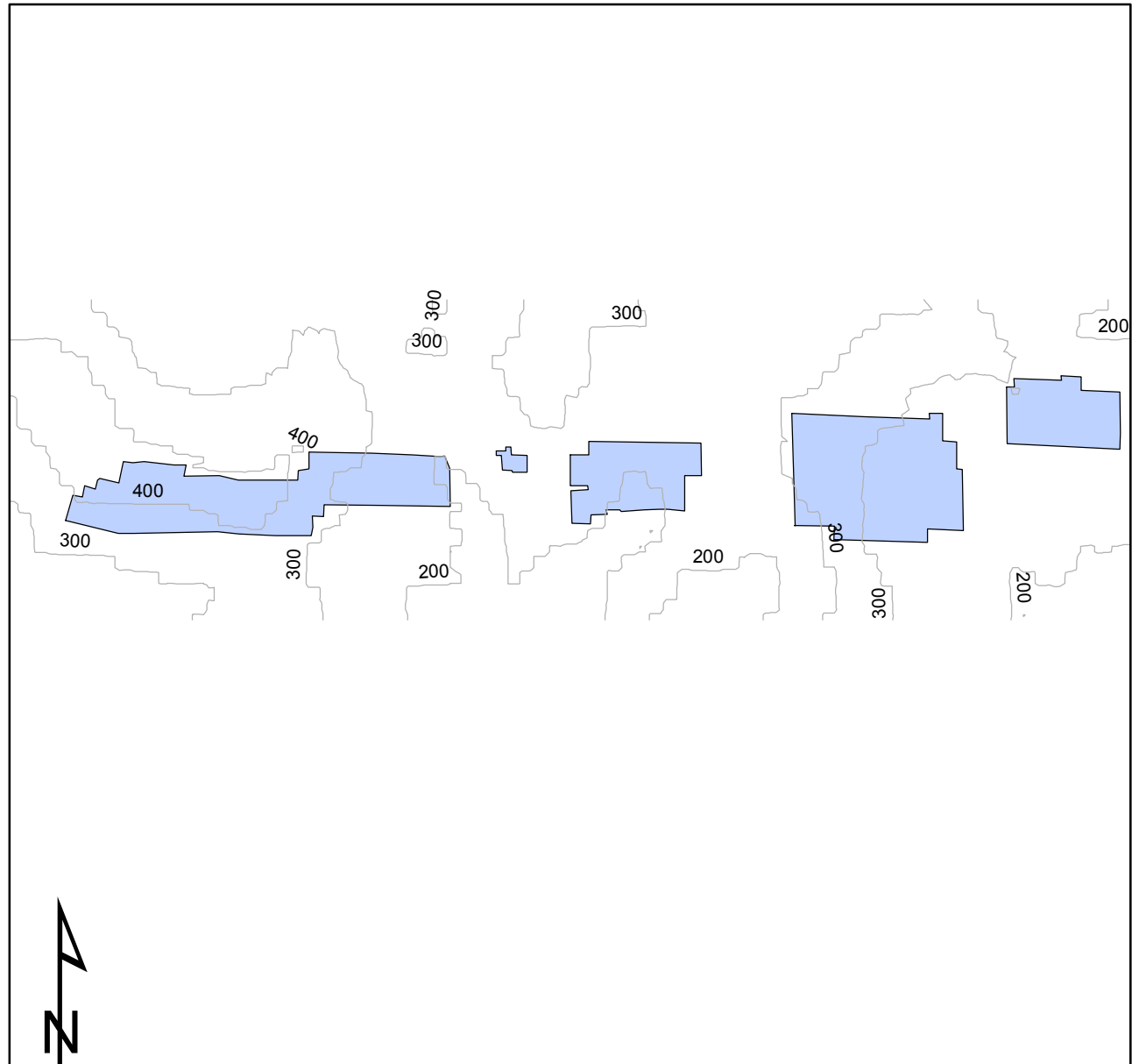


Map Key

- Highways
- Streams
- State Roads
- Pillar Recovery

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.

Dunkard No.2 Mine Mining Areas and Overburden Contours



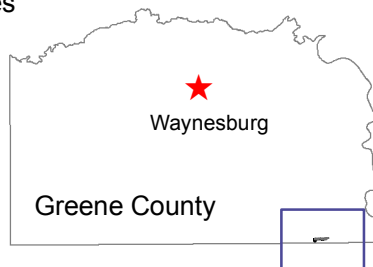
0 0.125 0.25 0.5 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh

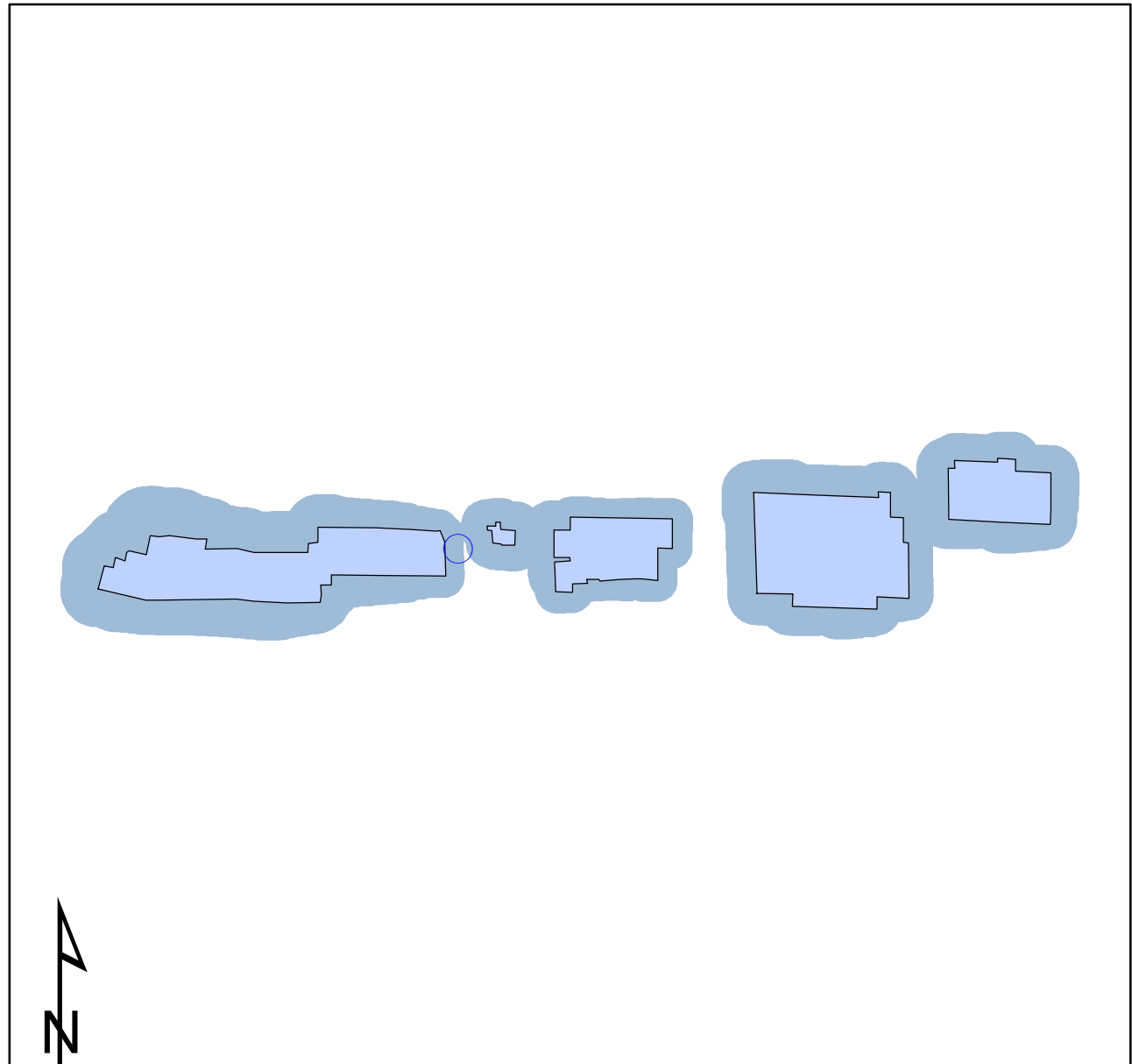


Map Key

- Overburden Contour
- Pillar Recovery

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.

Dunkard No.2 Mine Mining Areas, Watersources and RPZ



0 0.125 0.25 0.5 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



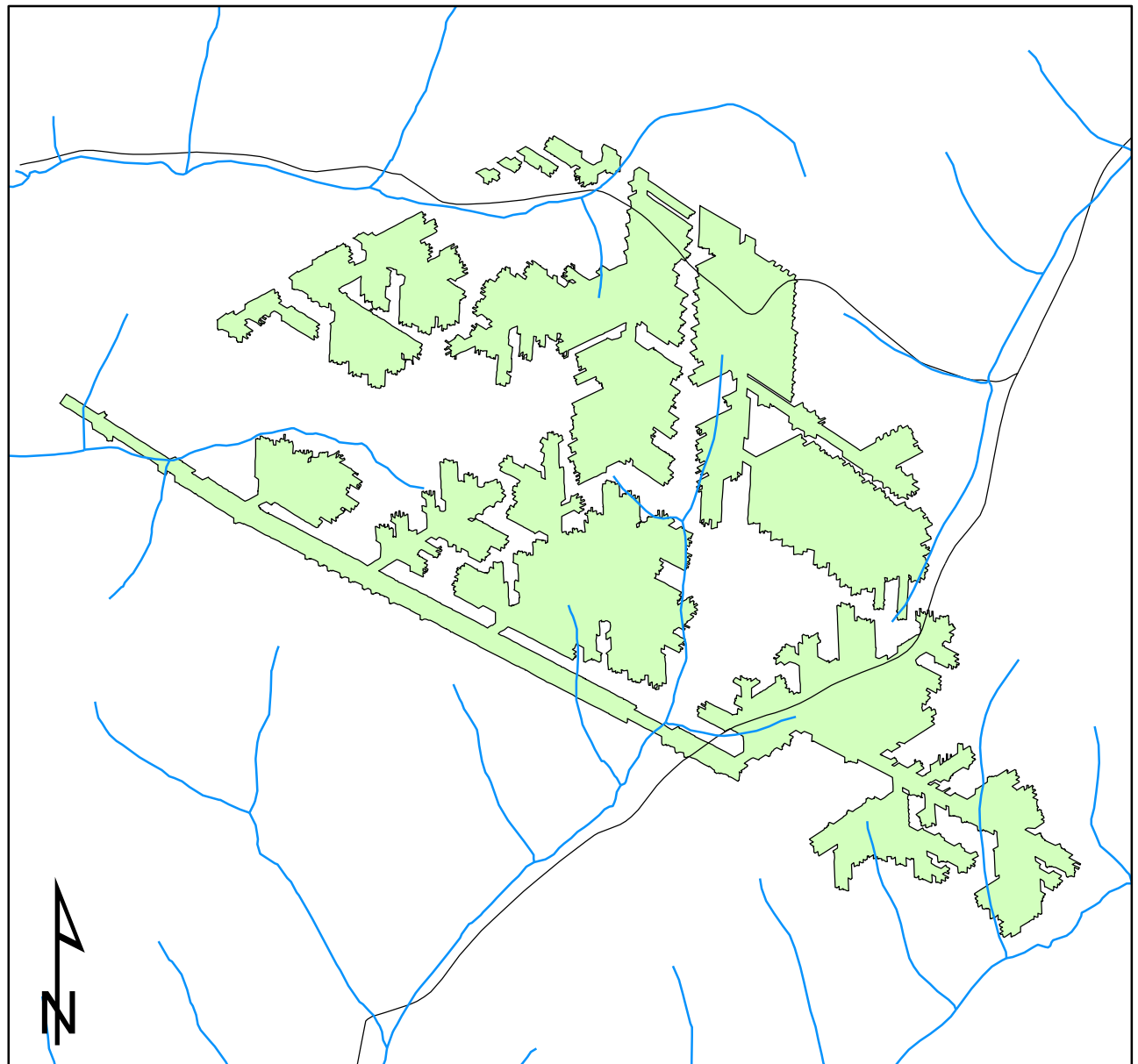
Map Key

- Watersources with no reported effects
- Pillar Recovery
- 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.

Dutch Run Mine

Mining Areas, Major Roads and Streams



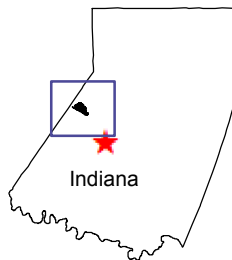
0 0.2 0.4 0.8 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



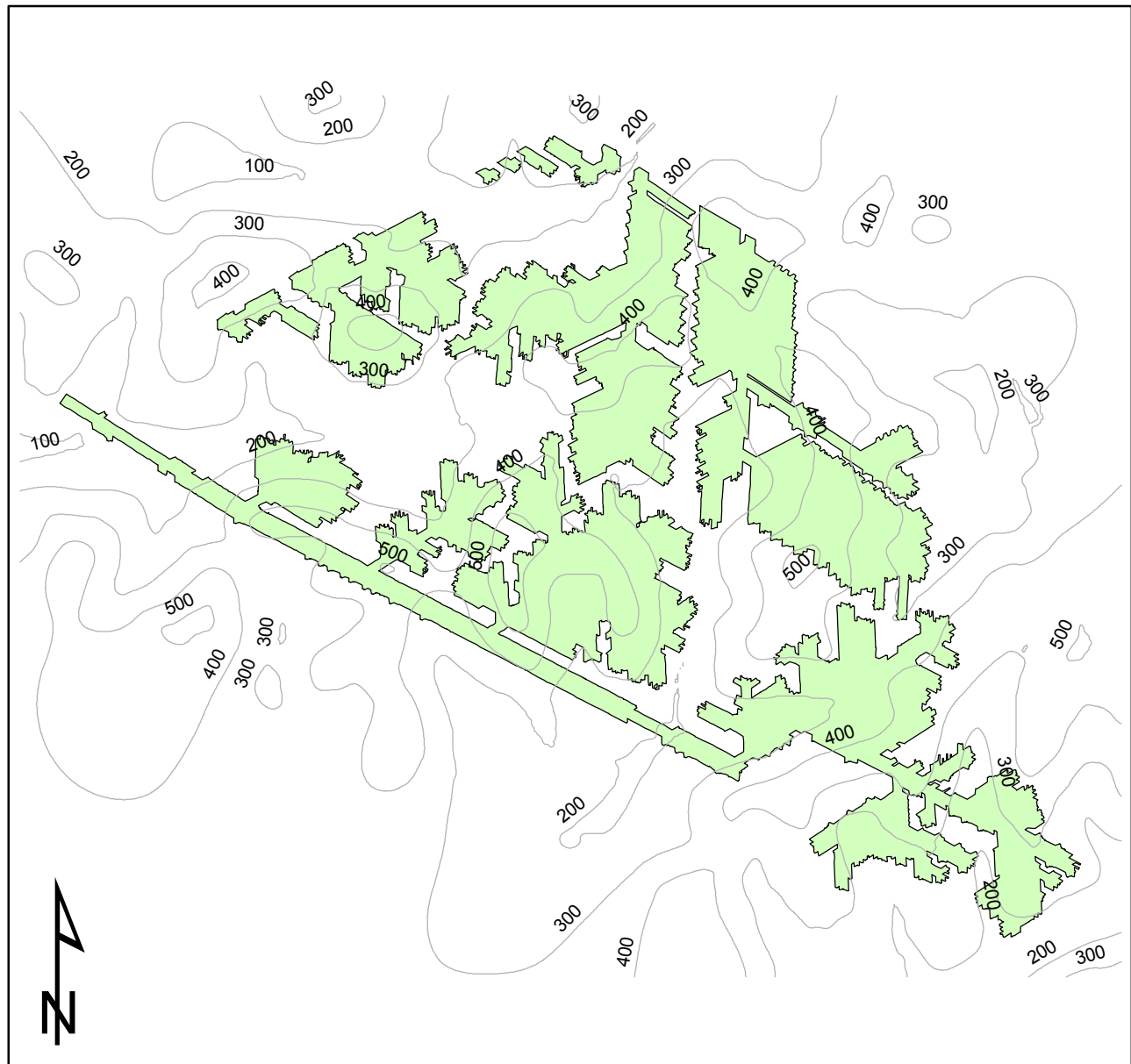
Indiana County

Map Key

- Highways
- Streams
- State Roads
- 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.

Dutch Run Mine Mining Areas and Overburden Contours



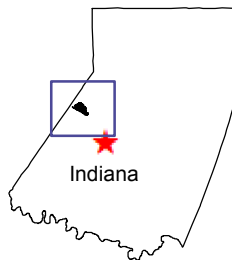
0 0.2 0.4 0.8 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



Indiana

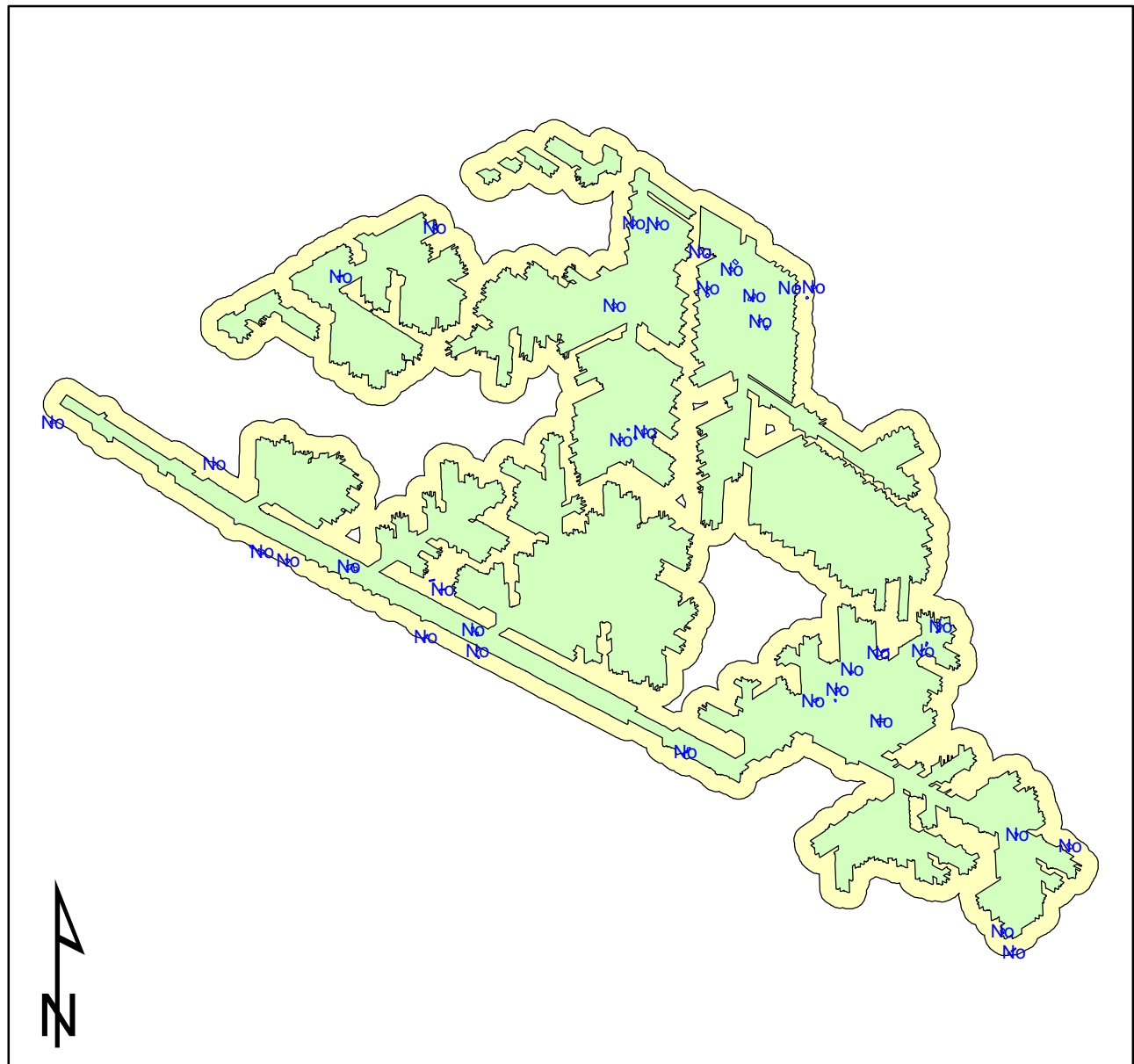
Indiana County

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.

Dutch Run Mine Mining Areas, 200-ft Buffer and Structures



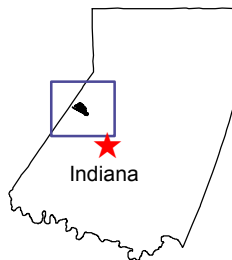
0 0.2 0.4 0.8 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)






Prepared by:
University of Pittsburgh



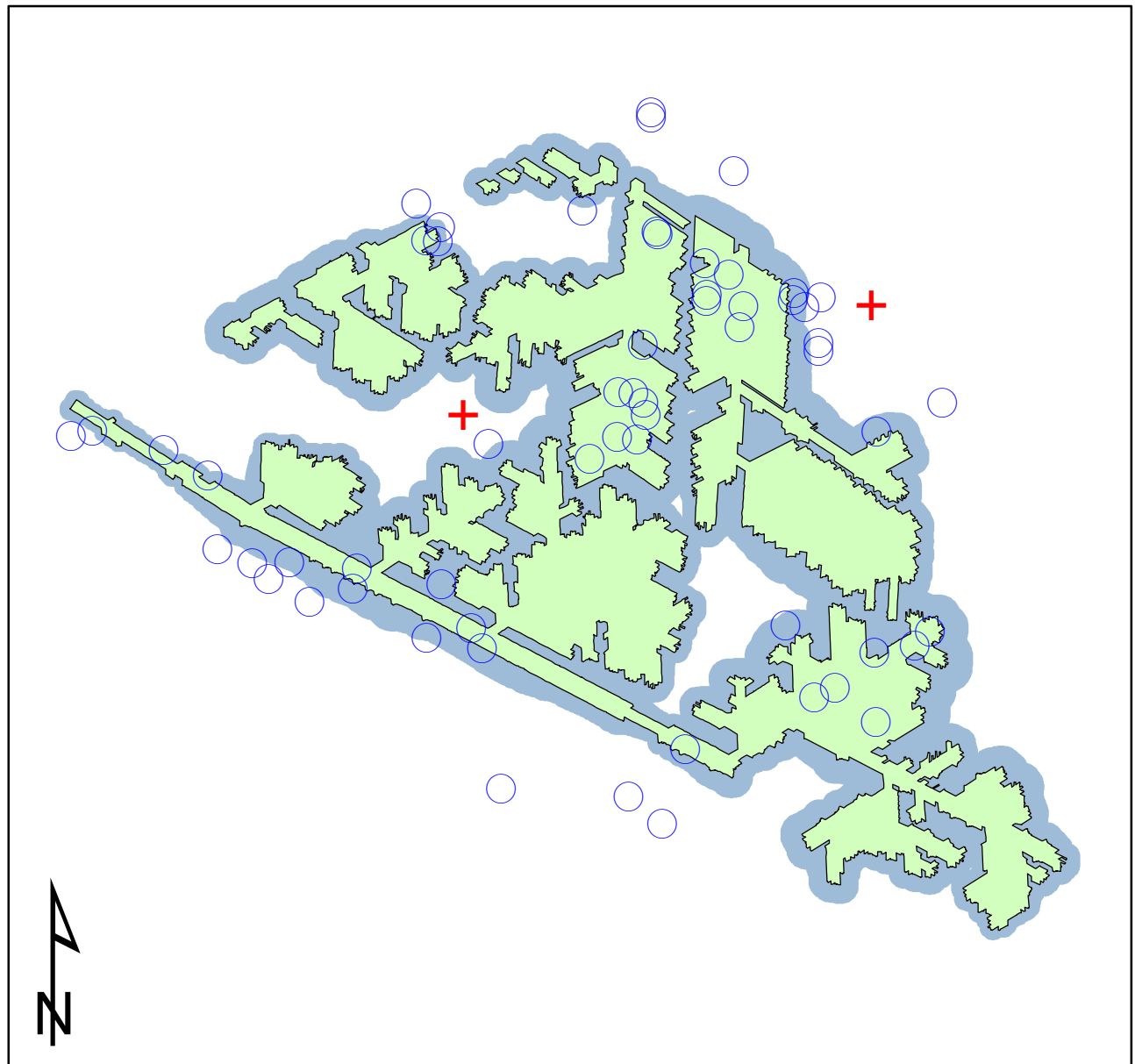
Indiana County

Map Key

-  No=Structures with
no reported effects
-  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.

Dutch Run 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



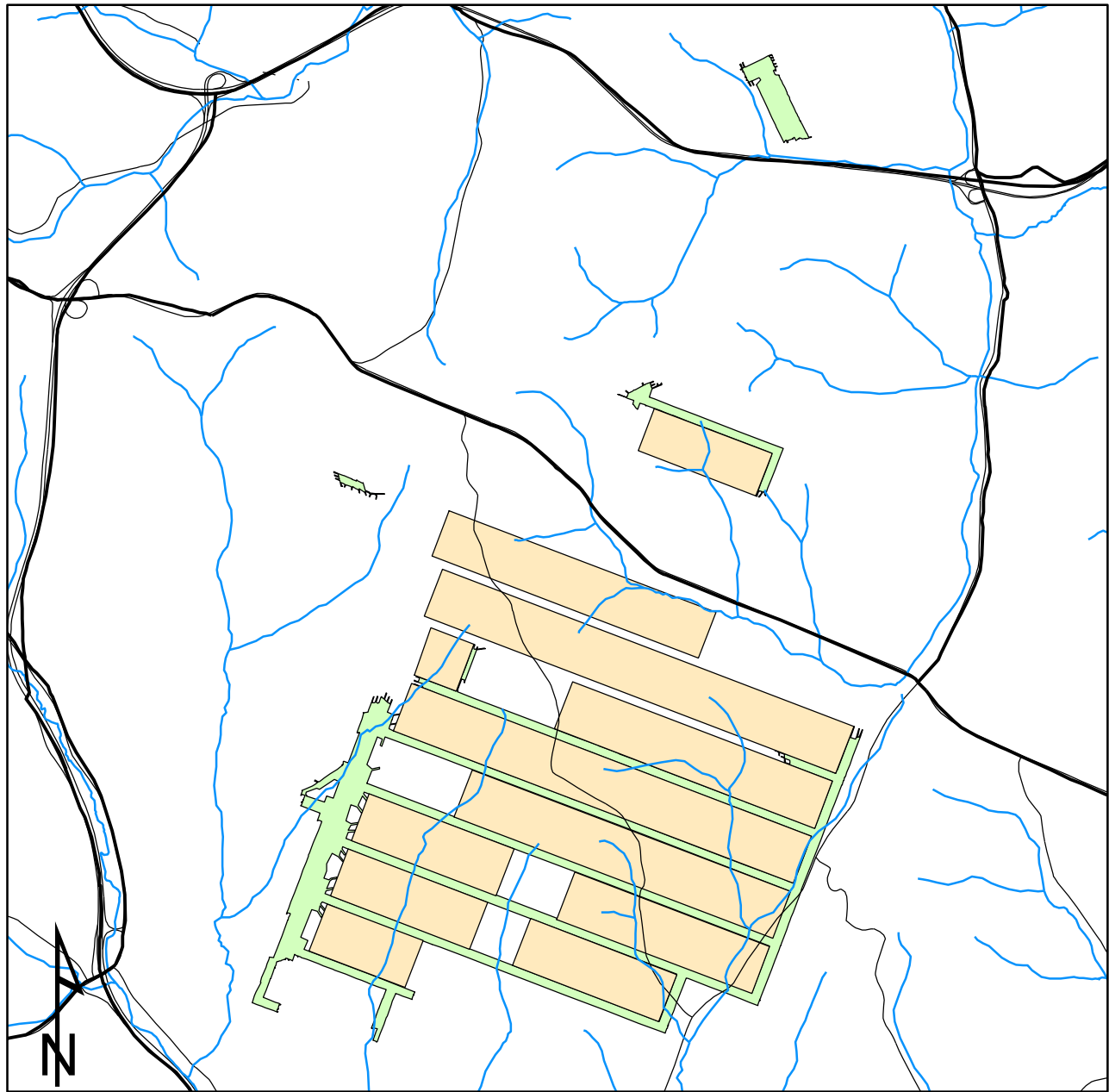
Indiana County

Map Key

- Watersources with reported effects
- Watersources with no reported effects
- 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.

Eighty-Four Mining Areas, Major Roads and Streams



0 0.4 0.8 1.6 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



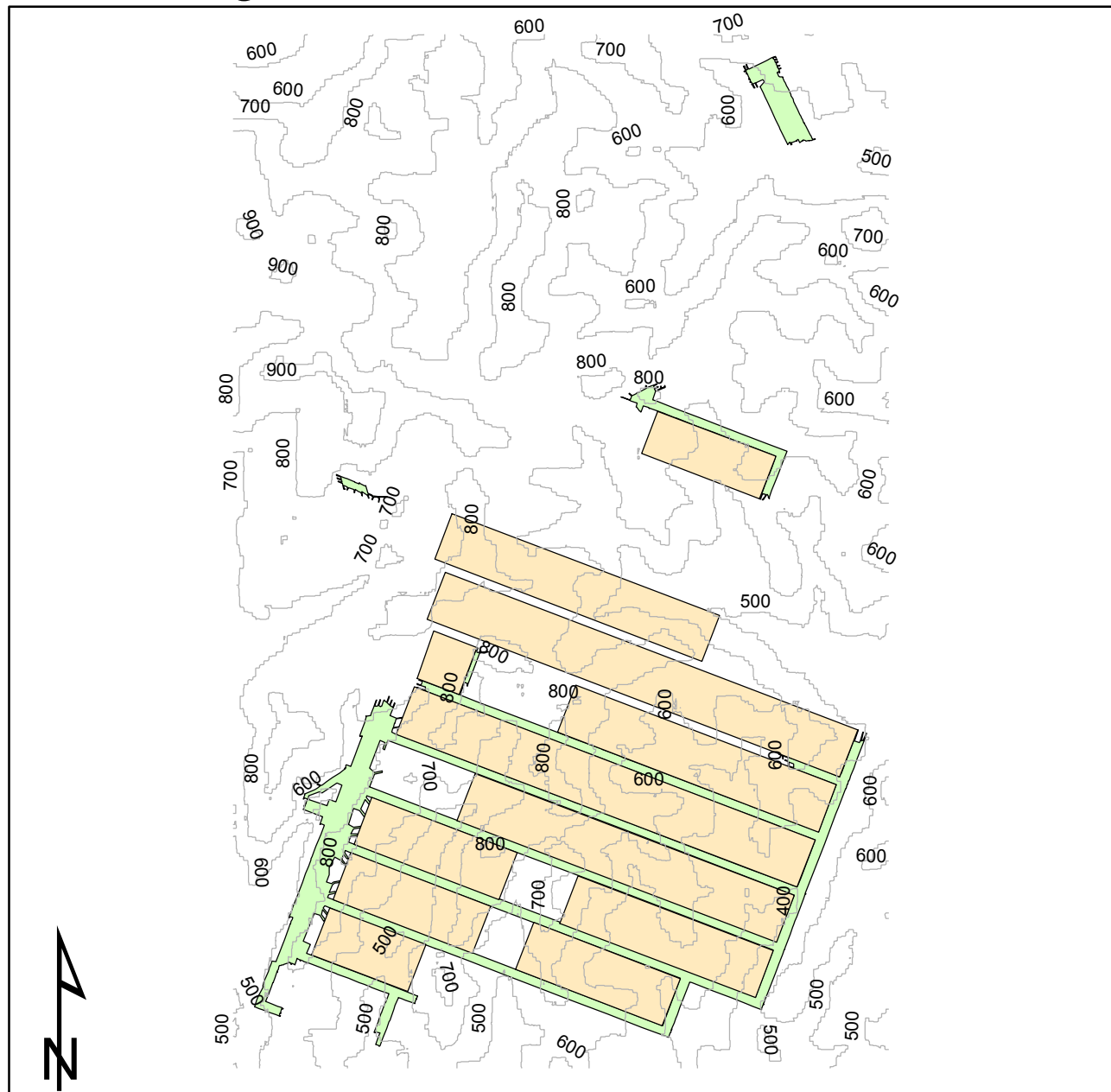
Washington County

Map Key

- Highways
- Streams
- State Roads
- Orange-shaded rectangle Longwall Panel
- Green-shaded rectangle 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.

Eighty-Four Mining Areas and Overburden Contours



0 0.4 0.8 1.6 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



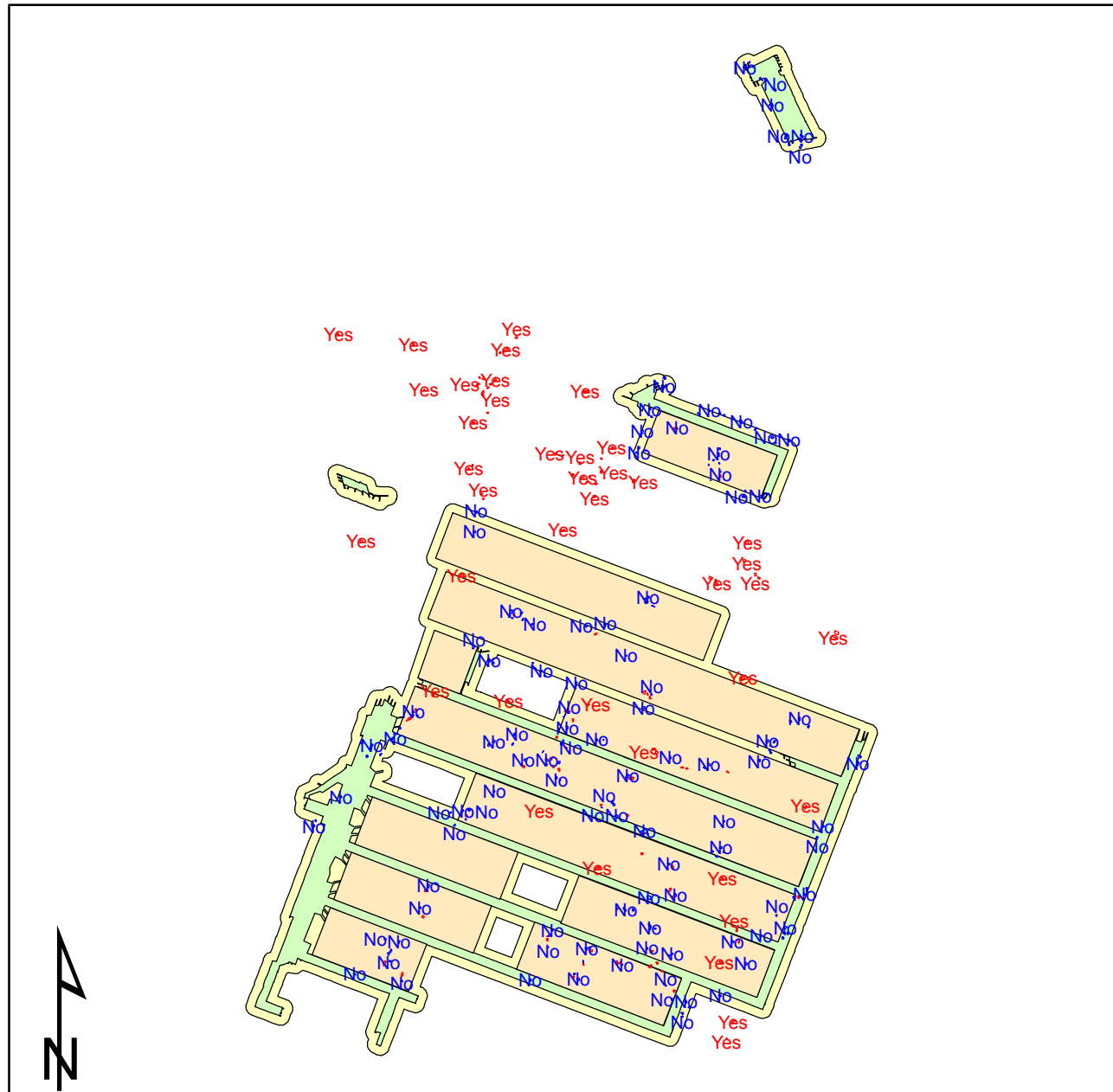
Washington County

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.

Eighty-Four Mining Areas, 200-ft Buffer and Structures



0 0.4 0.8 1.6 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



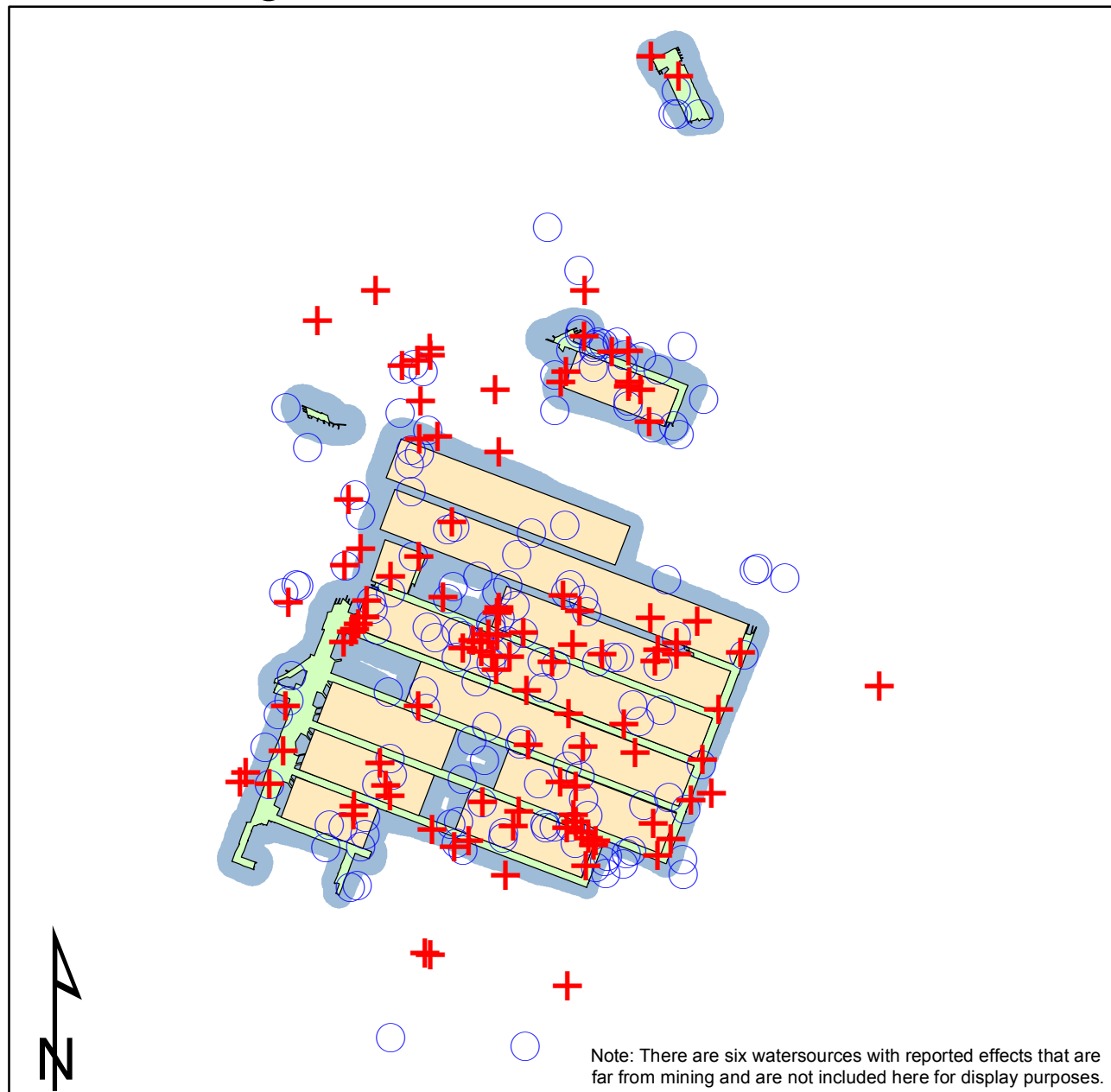
Washington County

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.

Eighty-Four Mining Areas, Watersources and RPZ



0 0.45 0.9 1.8 Miles



Prepared for:
Pennsylvania Department of
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Washington County

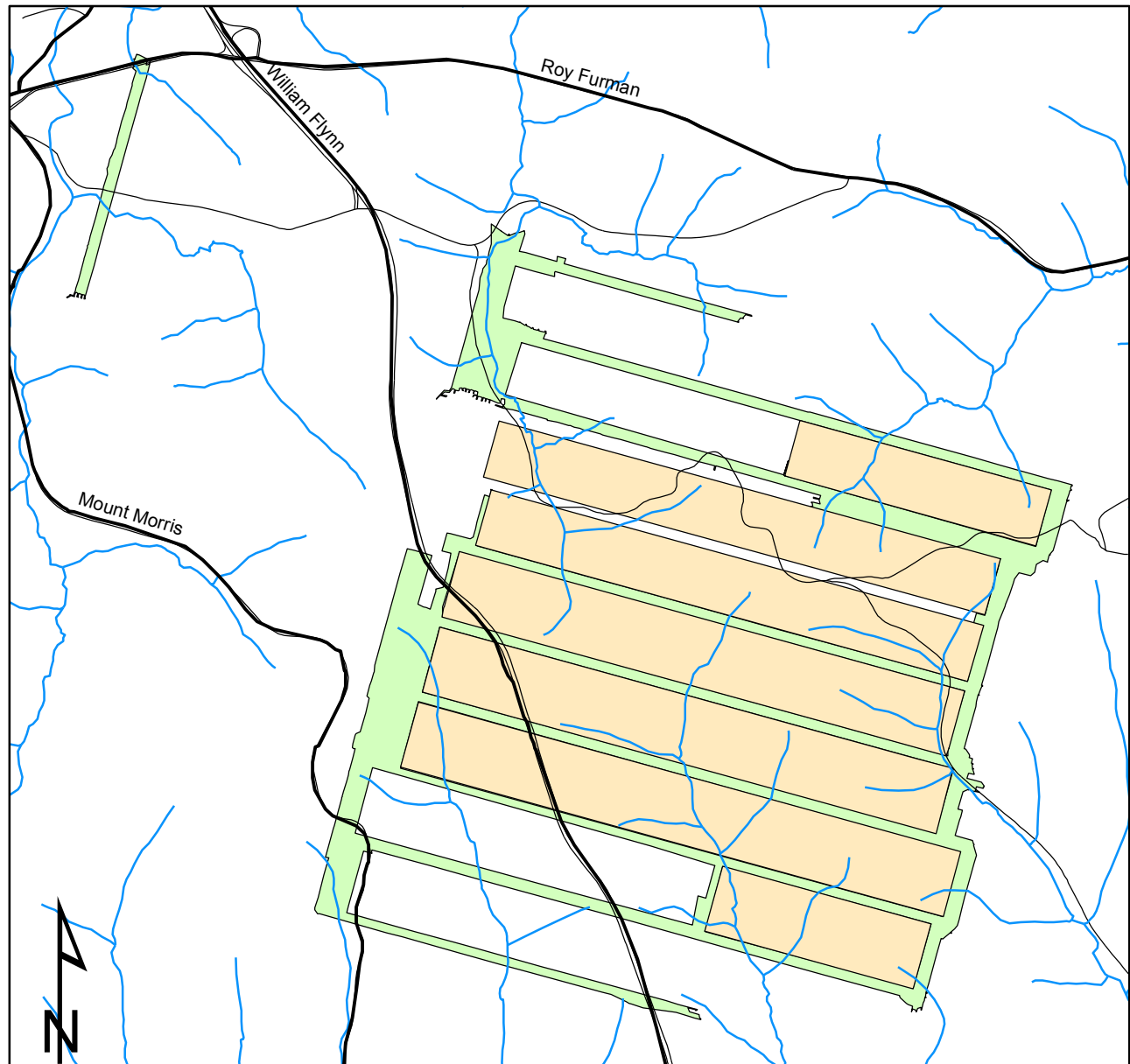
Map Key

- 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.

Emerald Mine

Mining Areas, Major Roads and Streams



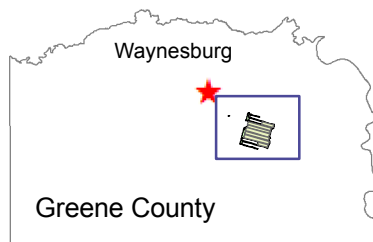
0 0.4 0.8 1.6 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



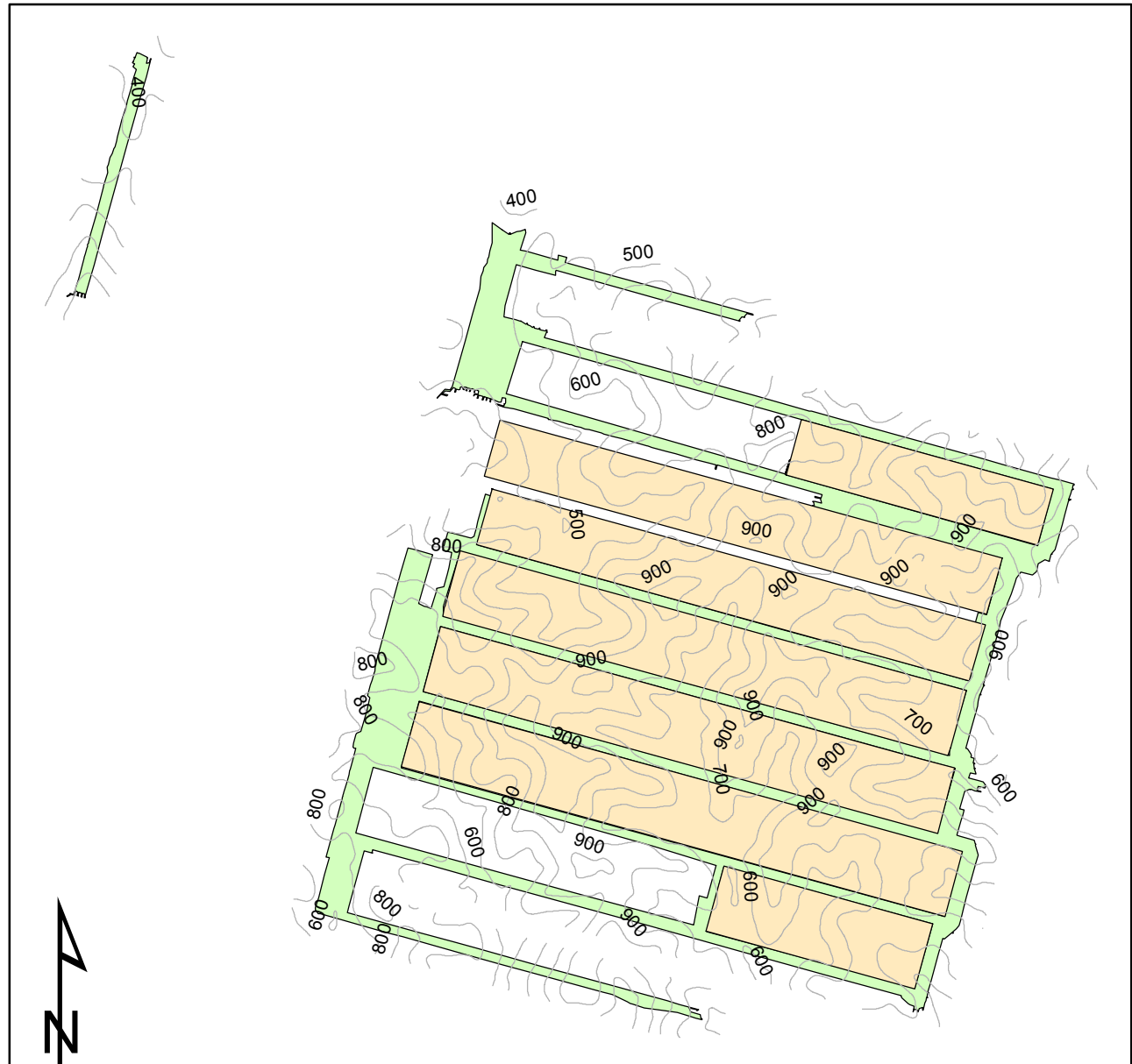
Map Key

- Highways
- Streams
- State Roads
- Orange Longwall Panel
- Green 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.

Emerald Mine

Mining Areas and Overburden Contours



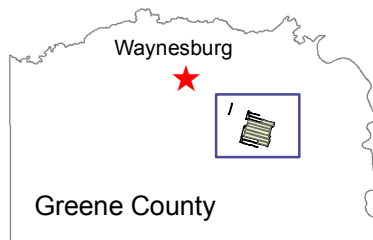
0 0.4 0.8 1.6 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



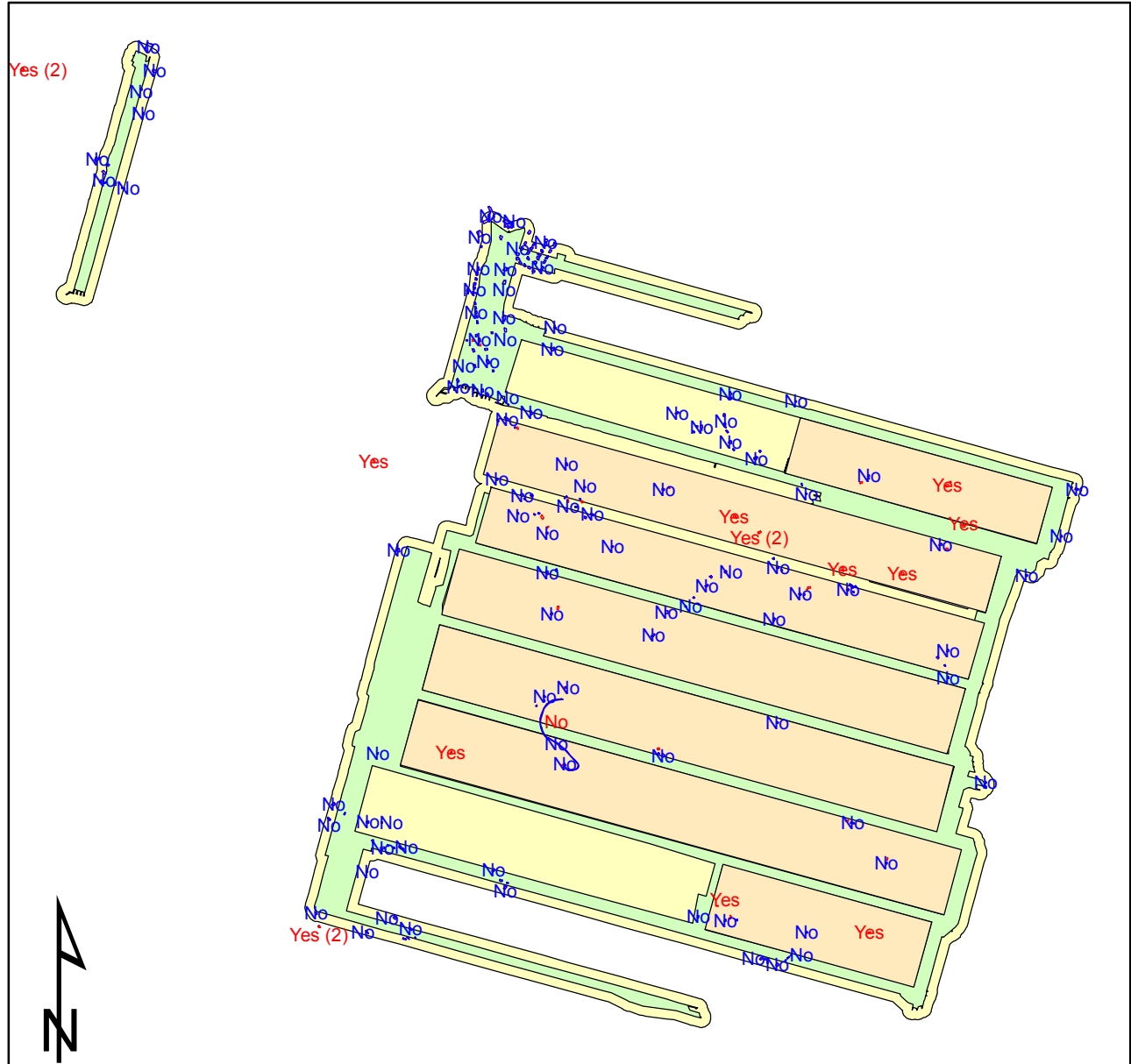
Map Key

- 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.

Emerald Mine

Mining Areas, 200-ft Buffer and Structures



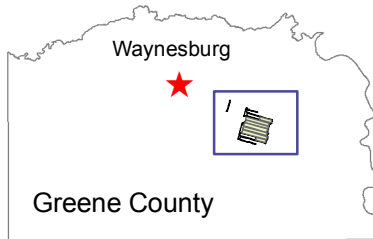
0 0.4 0.8 1.6 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



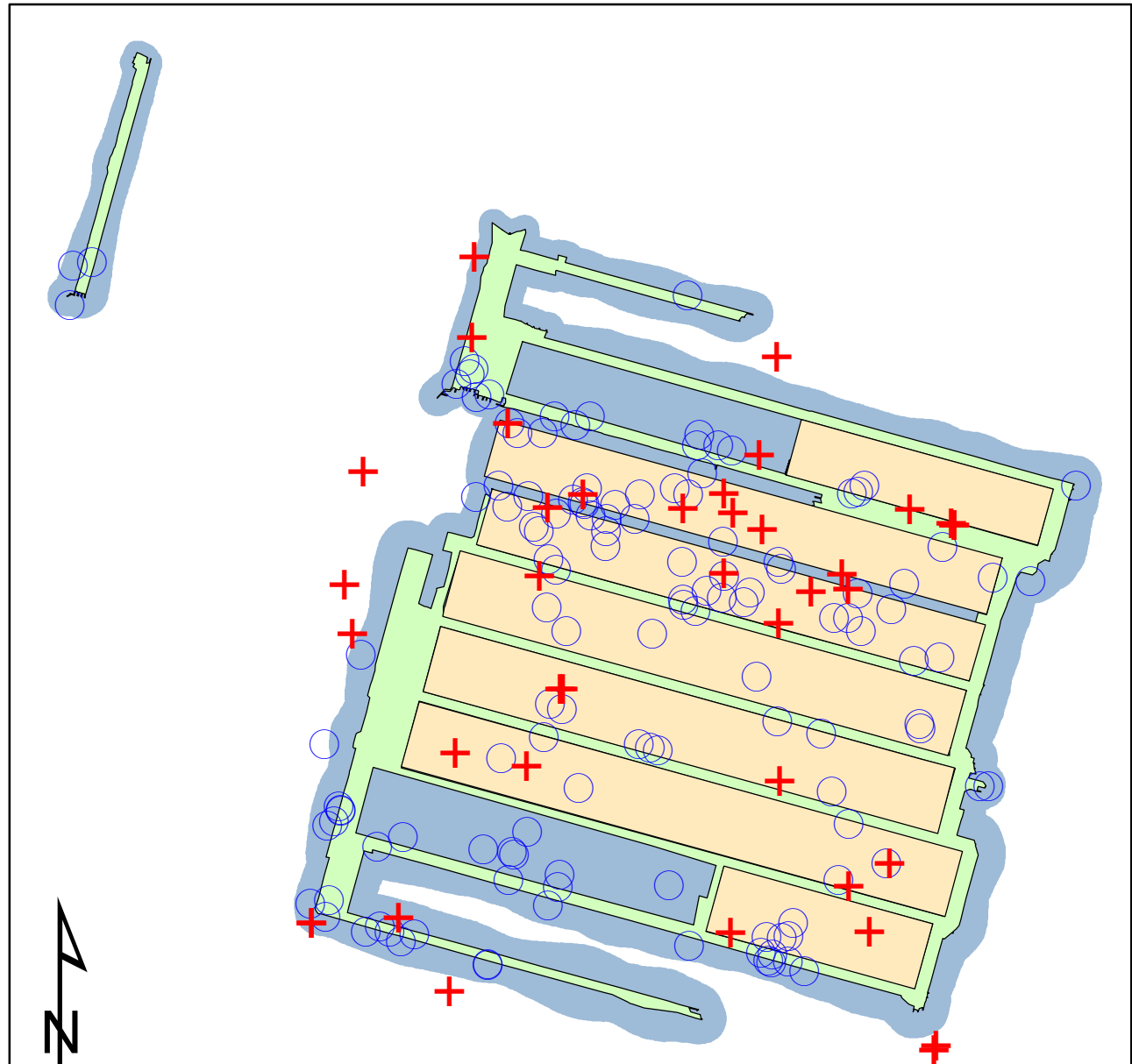
Map Key

- No=Structures with no reported effects
- Yes=Structures with 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.

Emerald Mine

Mining Areas, Watersources and RPZ



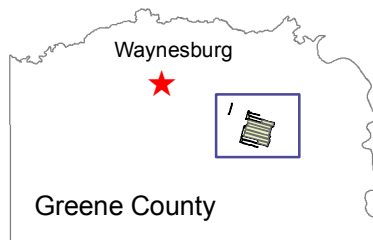
0 0.4 0.8 1.6 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



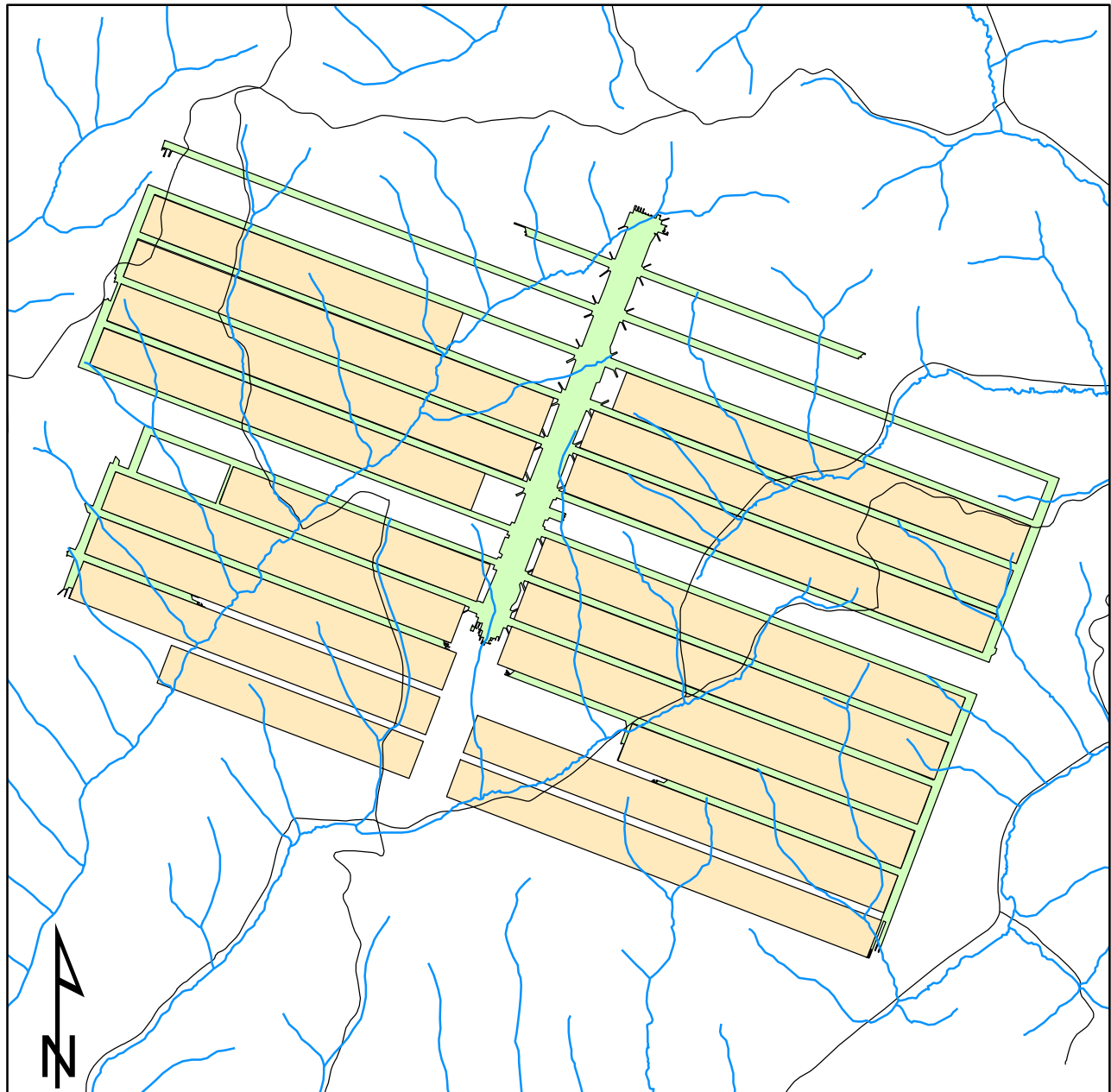
Map Key

- + 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.

Enlow Fork 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



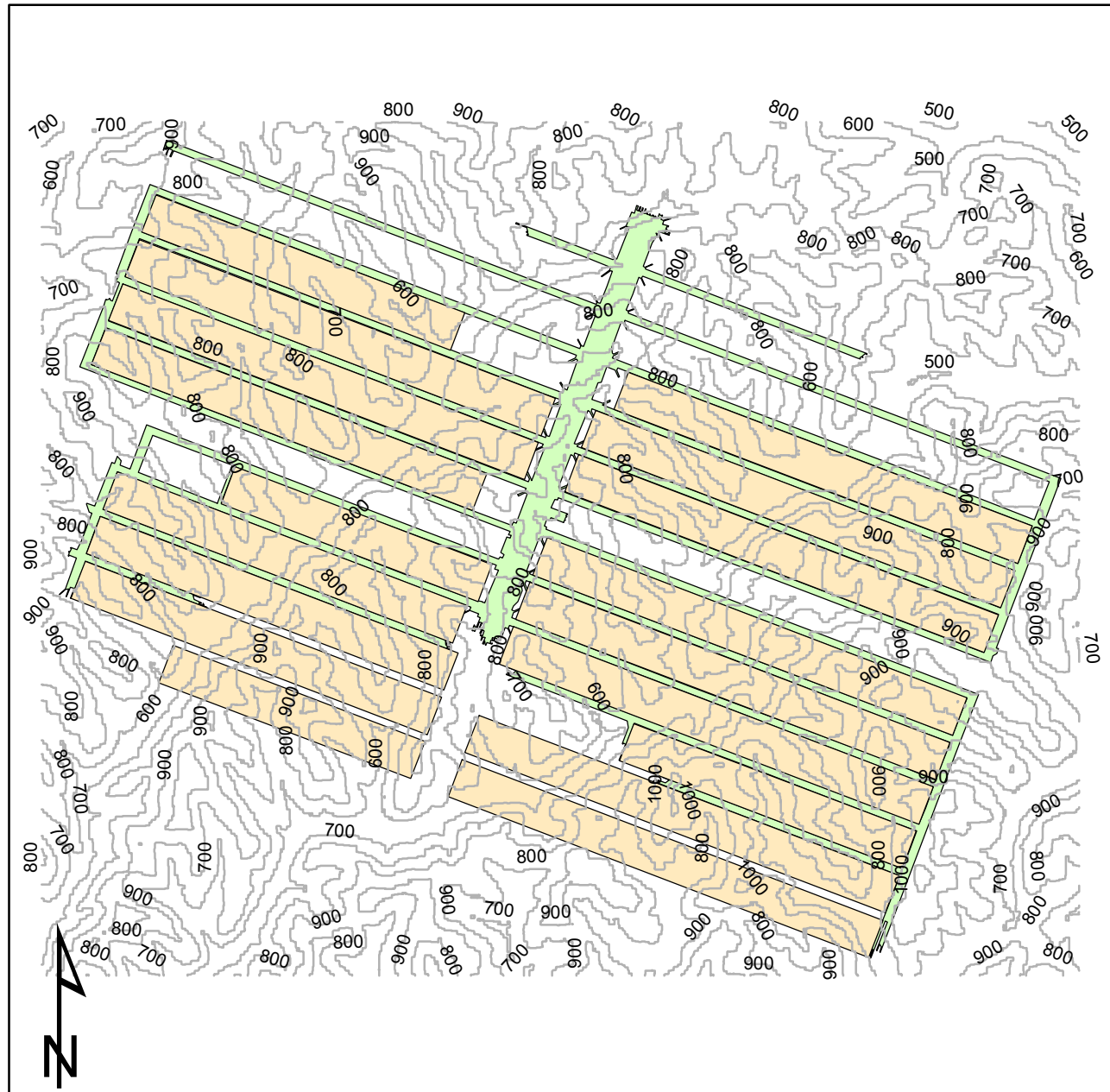
Washington County

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.

Enlow Fork 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

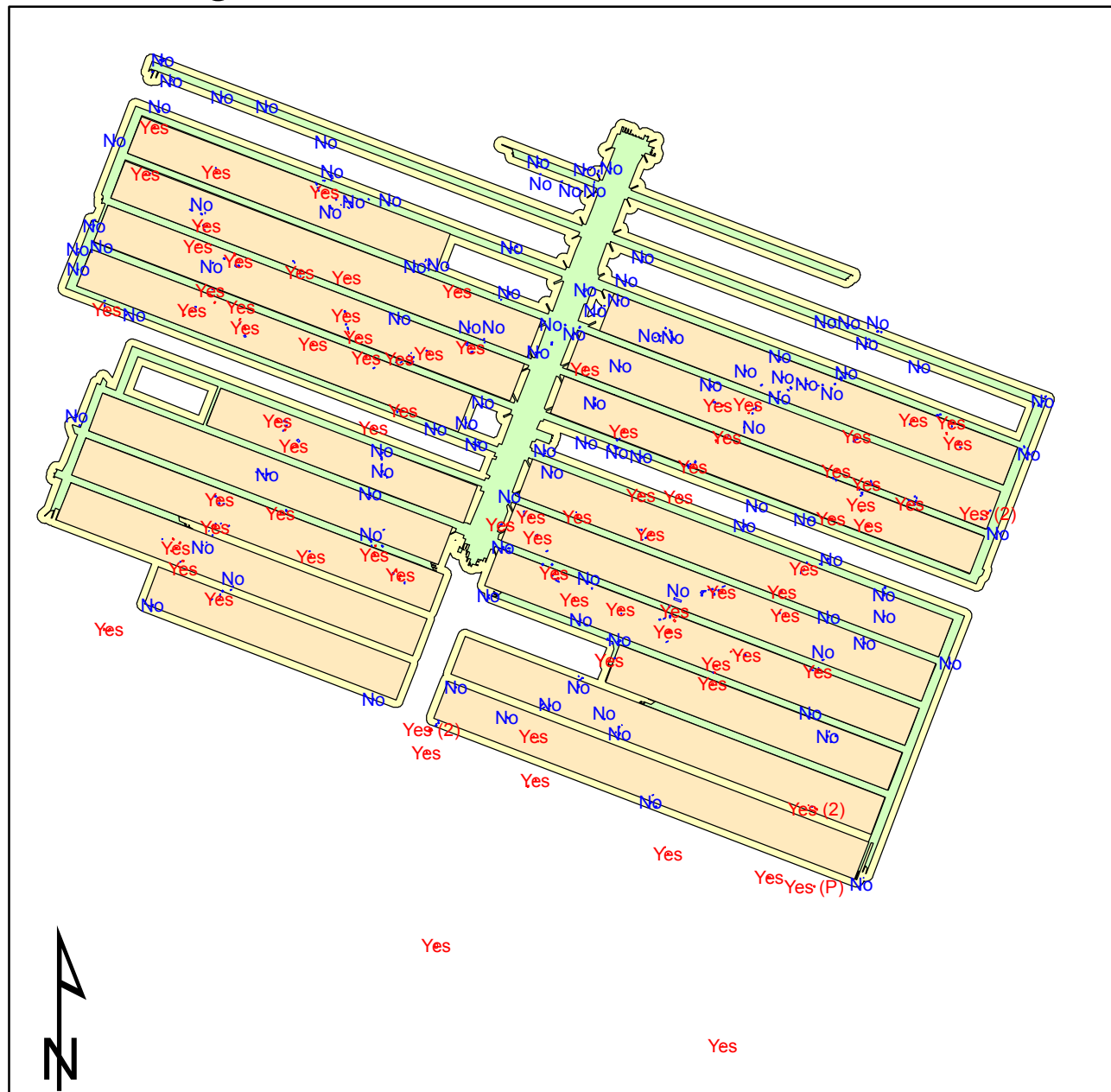


Map Key

- Overburden Contour
- 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.

Enlow Fork 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



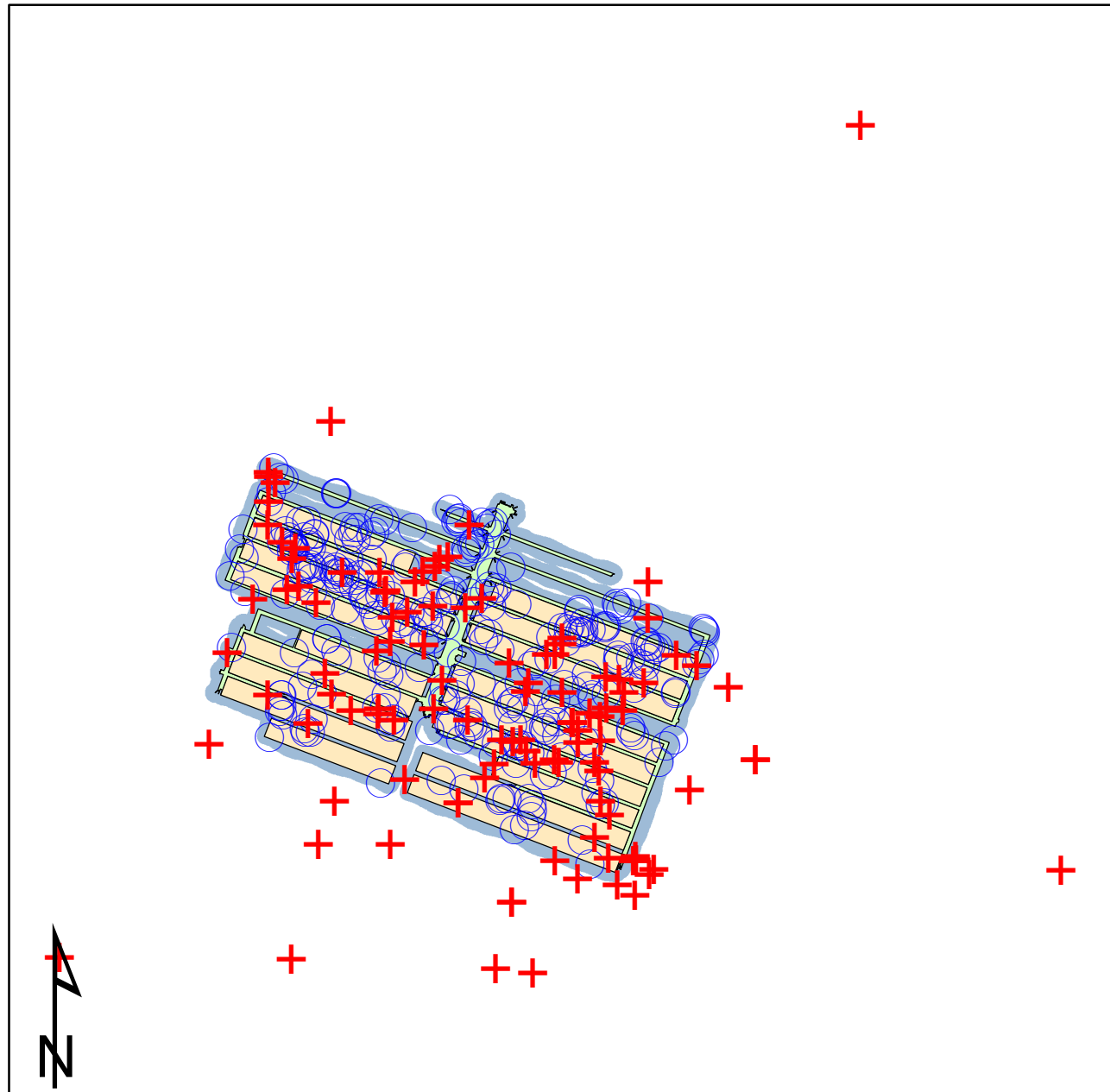
Washington County

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.

Enlow Fork 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



Washington
Washington County

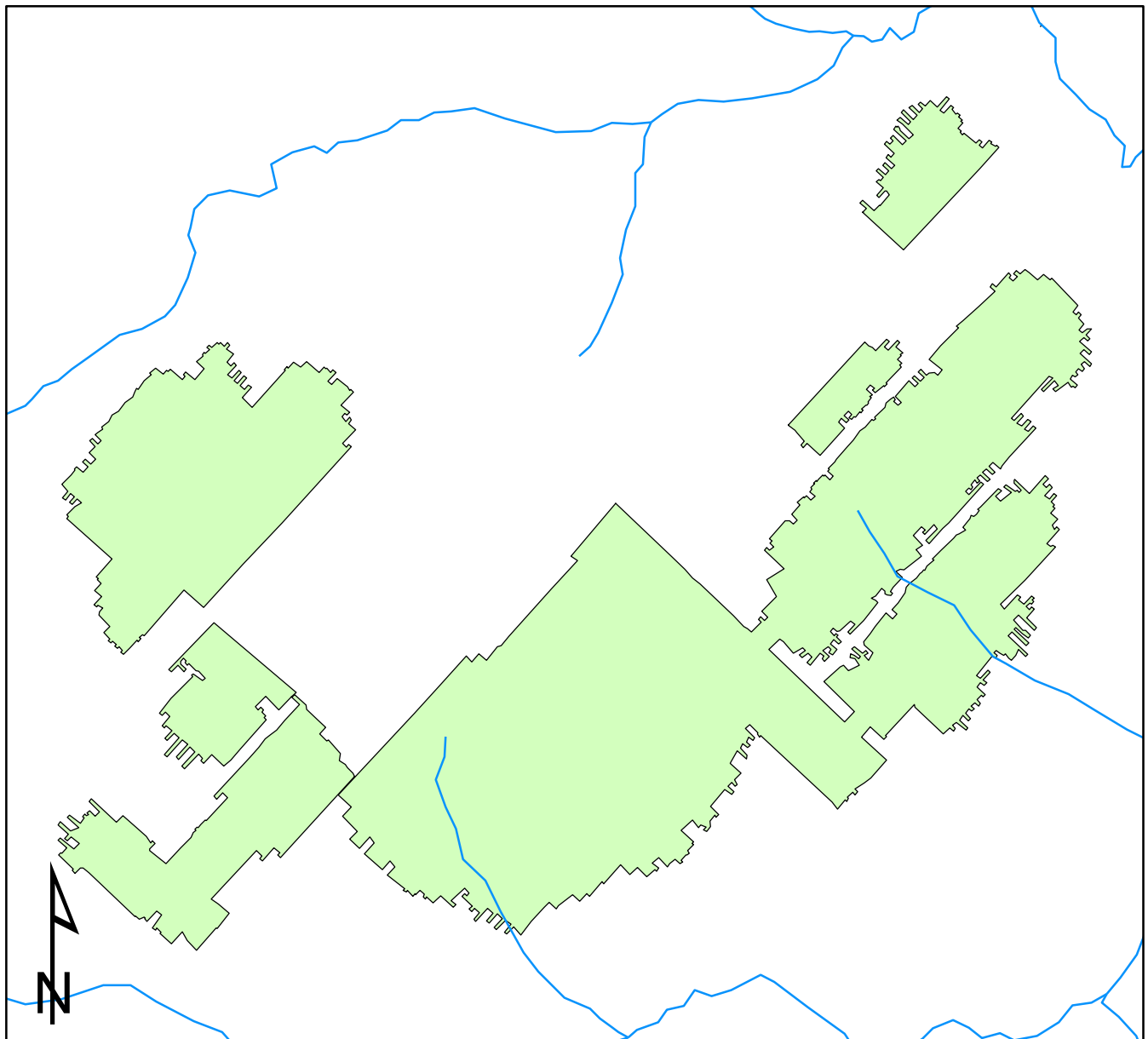
Map Key

- + 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.

Genesis No.17 Mine

Mining Areas, Major Roads and Streams



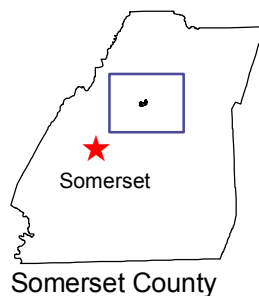
0 0.1 0.2 0.4 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh

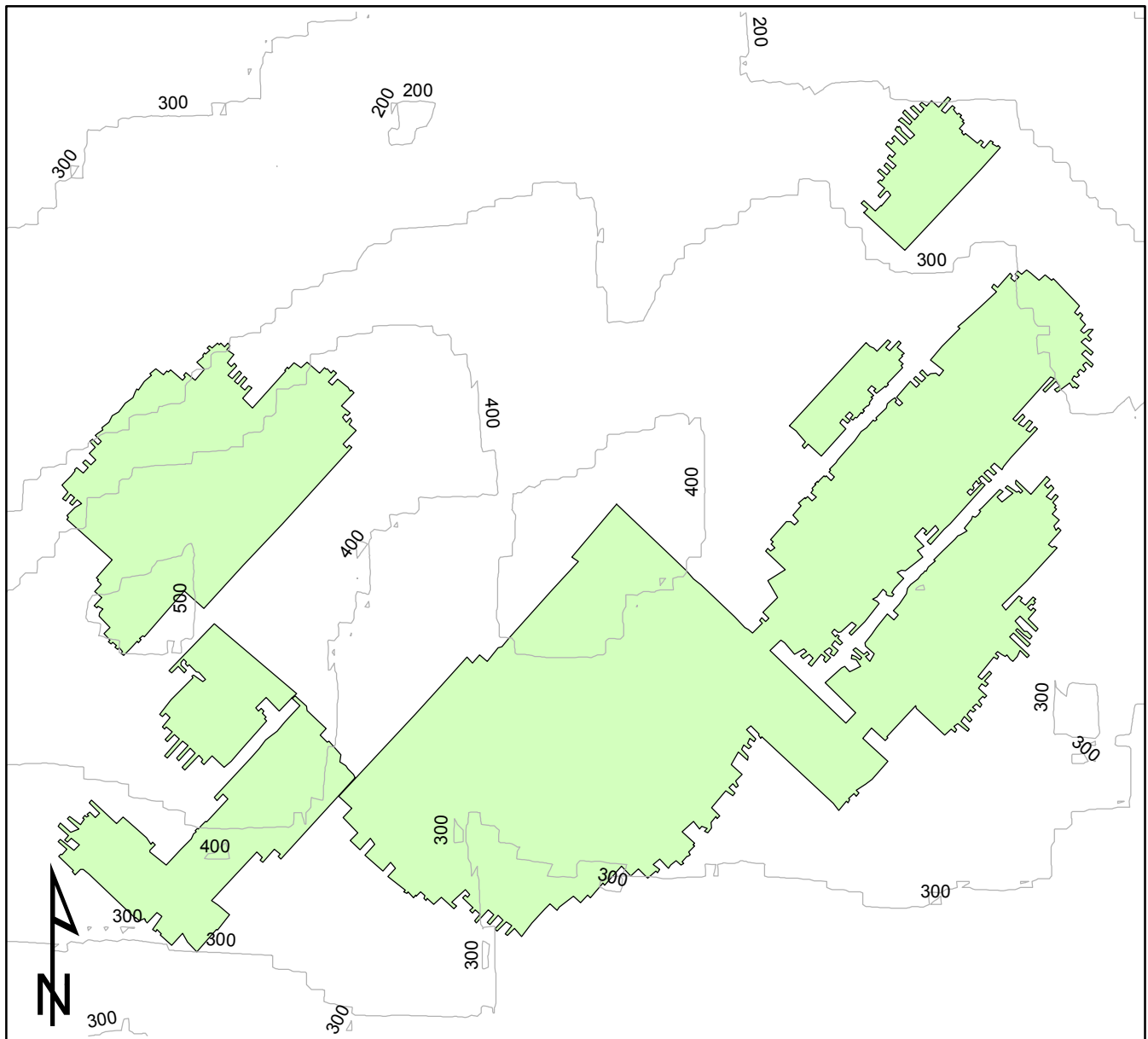


Map Key

- 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.

Genesis No.17 Mine Mining Areas and Overburden Contours



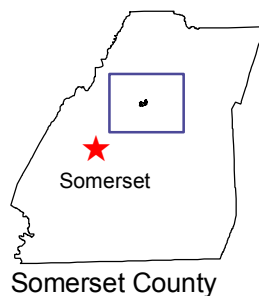
0 0.1 0.2 0.4 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



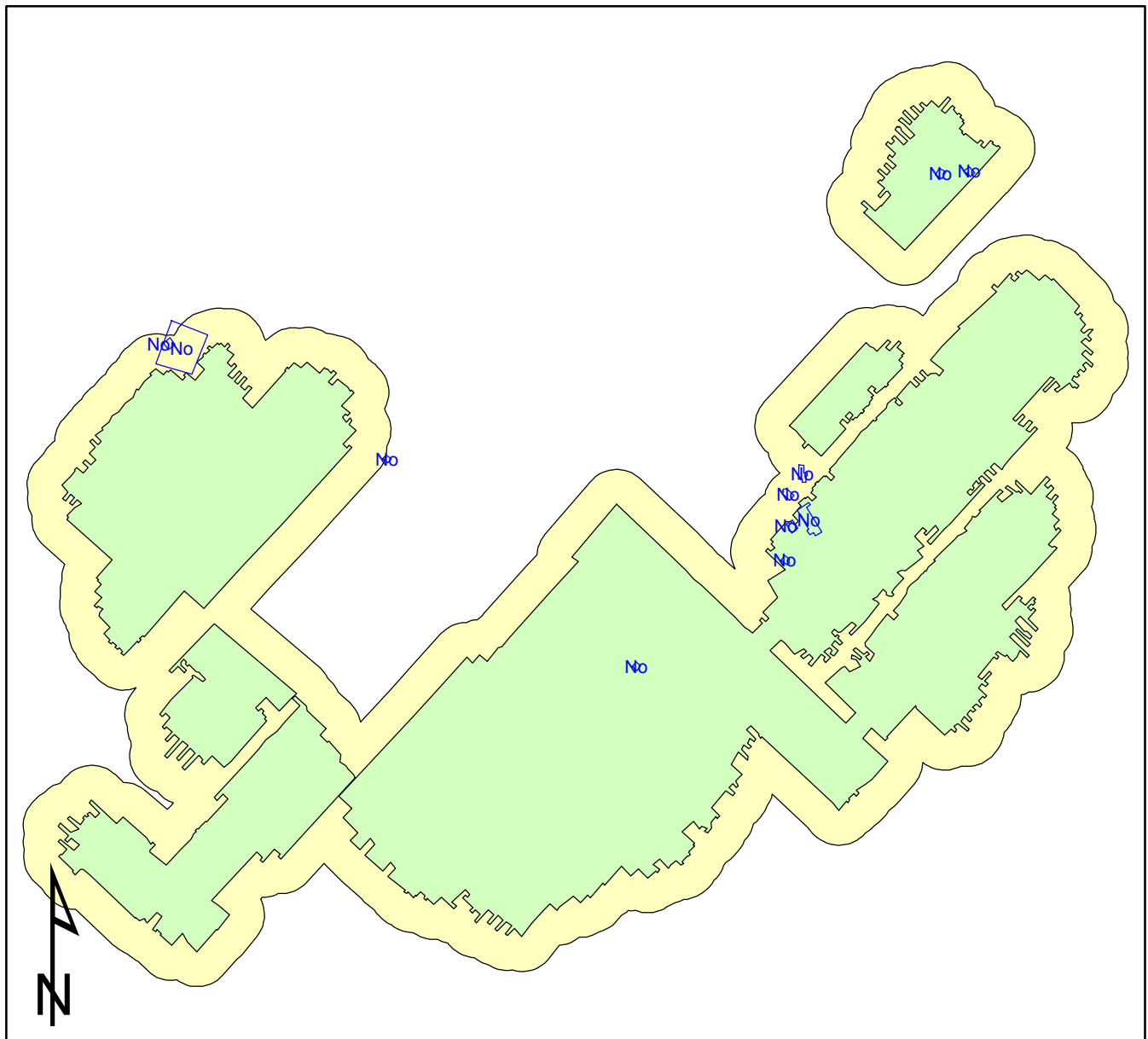
Map Key

- 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.

Genesis No.17 Mine

Mining Areas, 200-ft Buffer and Structures



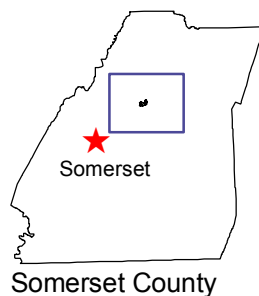
0 0.1 0.2 0.4 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh

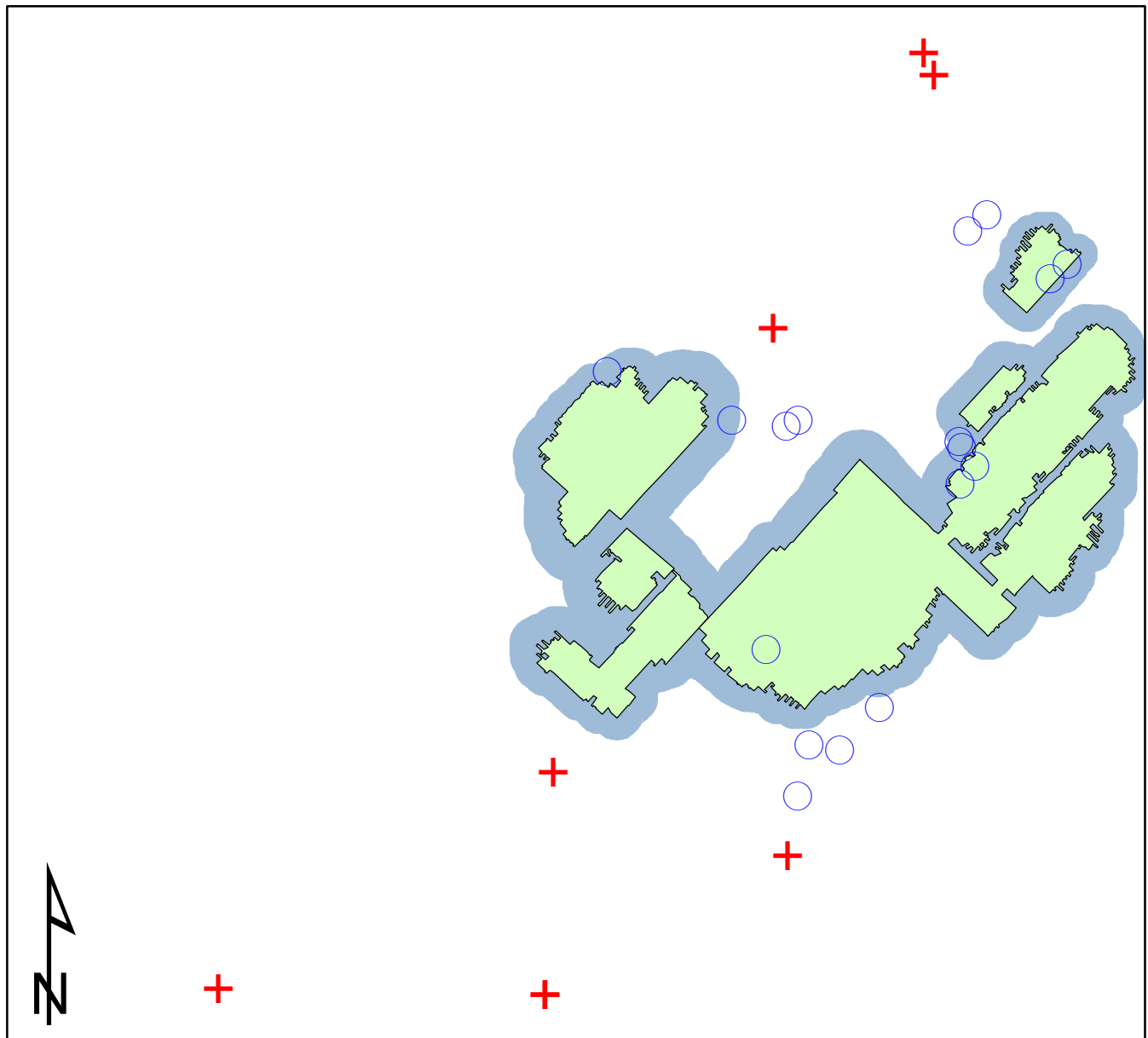


Map Key

- 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.

Genesis No.17 Mine Mining Areas, Watersources and RPZ



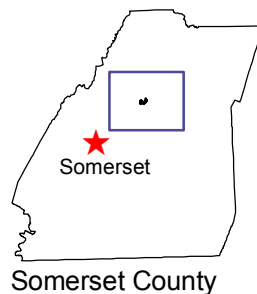
0 0.15 0.3 0.6 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



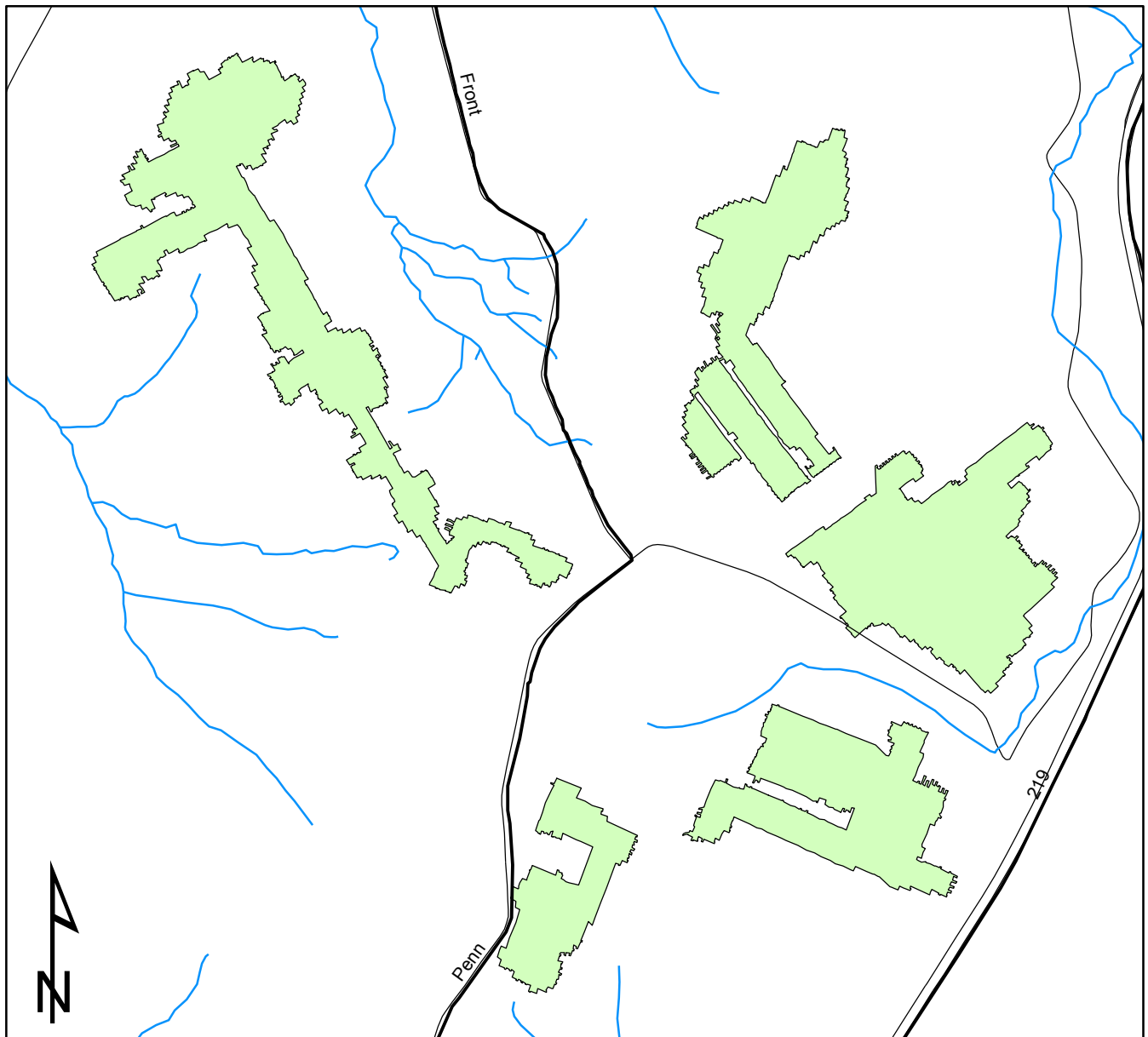
Map Key

- + Watersources with 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.

Geronimo Mine

Mining Areas, Major Roads and Streams



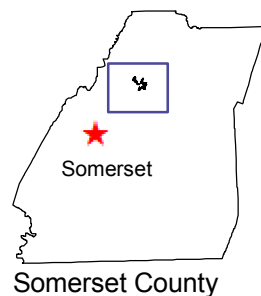
0 0.1 0.2 0.4 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



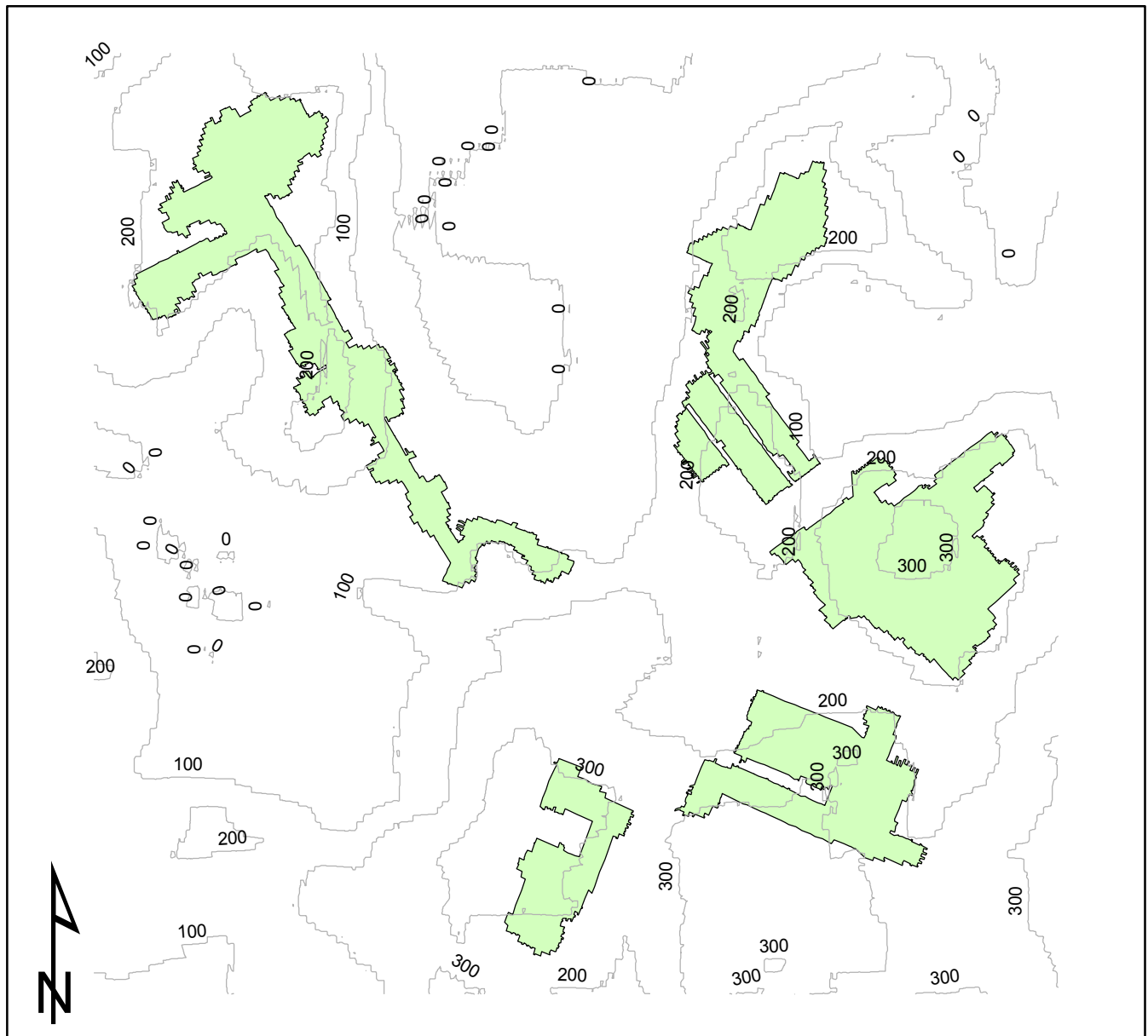
Map Key

- 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.

Geronimo Mine

Mining Areas and Overburden Contours



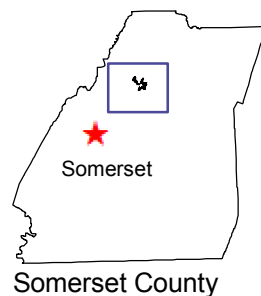
0 0.1 0.2 0.4 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



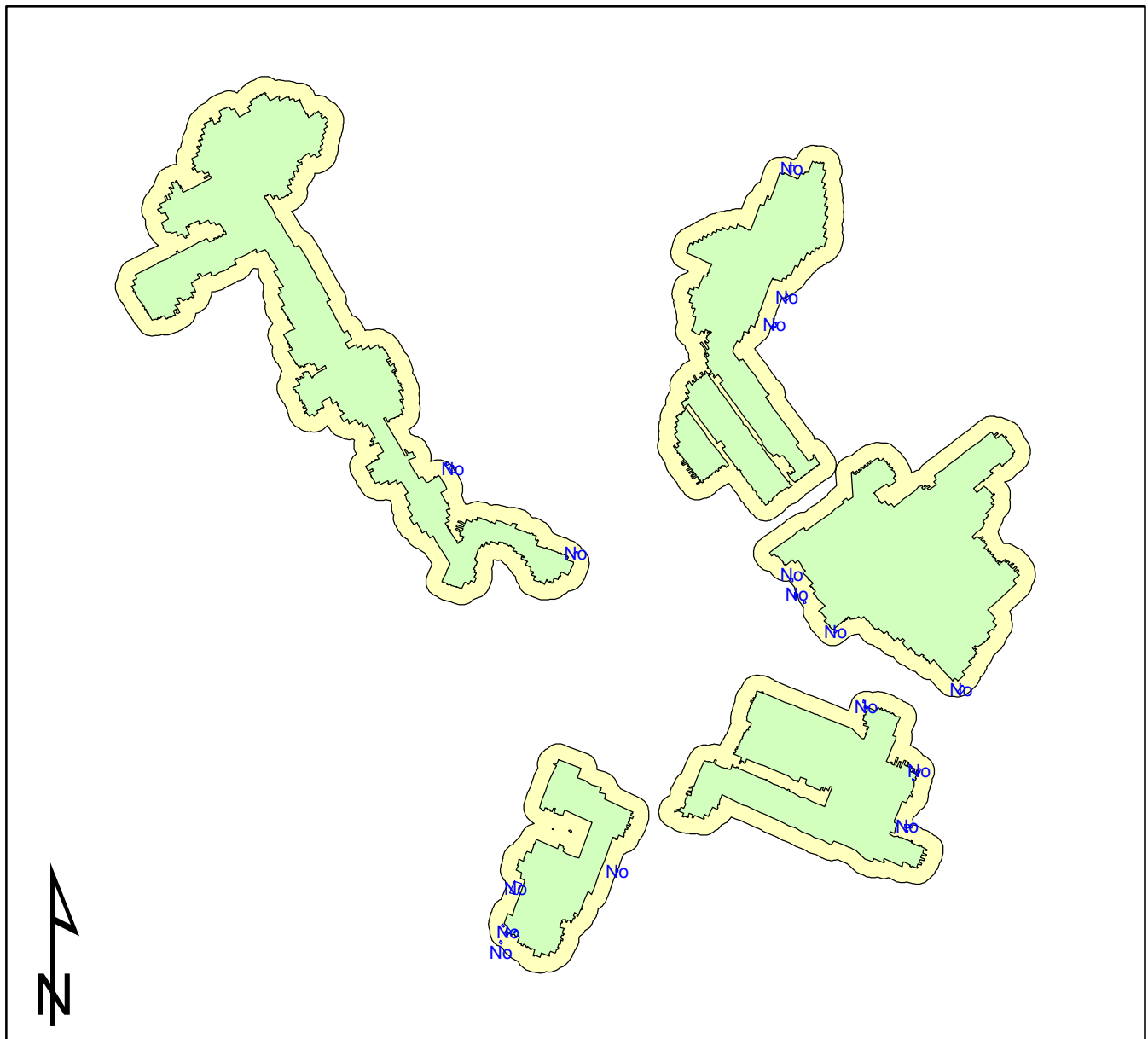
Map Key

- 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.

Geronimo Mine

Mining Areas, 200-ft Buffer and Structures



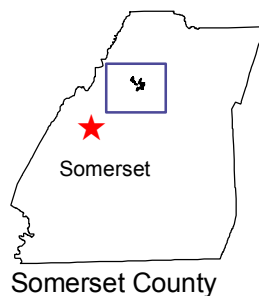
0 0.1 0.2 0.4 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



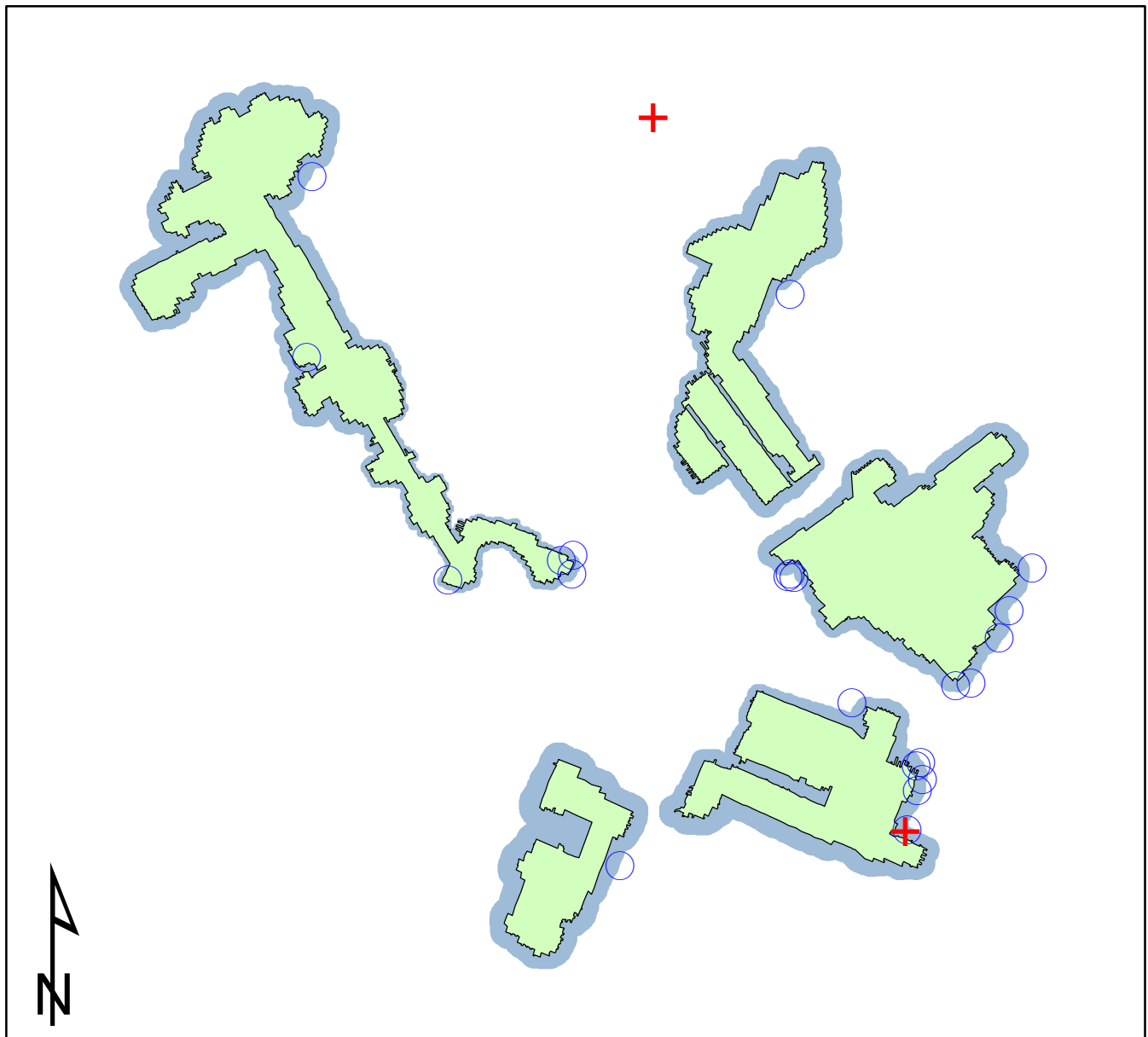
Map Key

- 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.

Geronimo Mine

Mining Areas, Watersources and RPZ



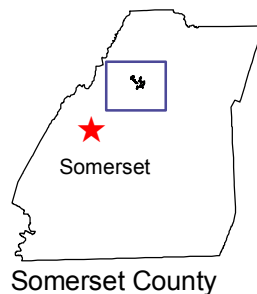
0 0.1 0.2 0.4 Miles







Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh

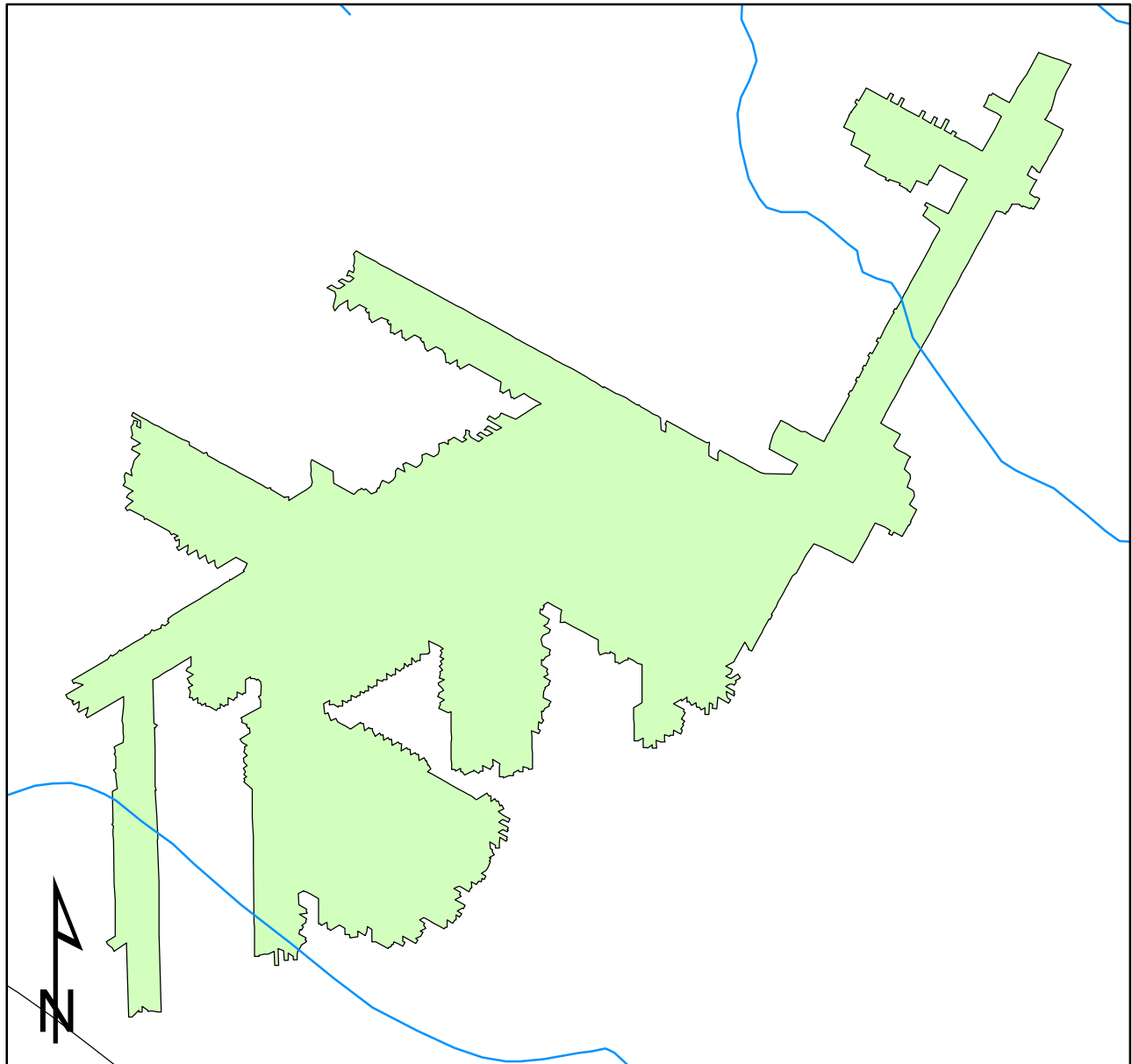


Map Key

-  *Watersources with 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.

Gillhouser Run Mine Mining Areas, Major Roads and Streams



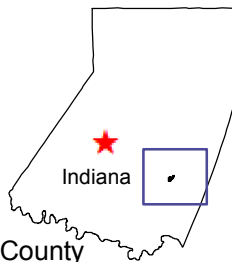
0 0.05 0.1 0.2 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



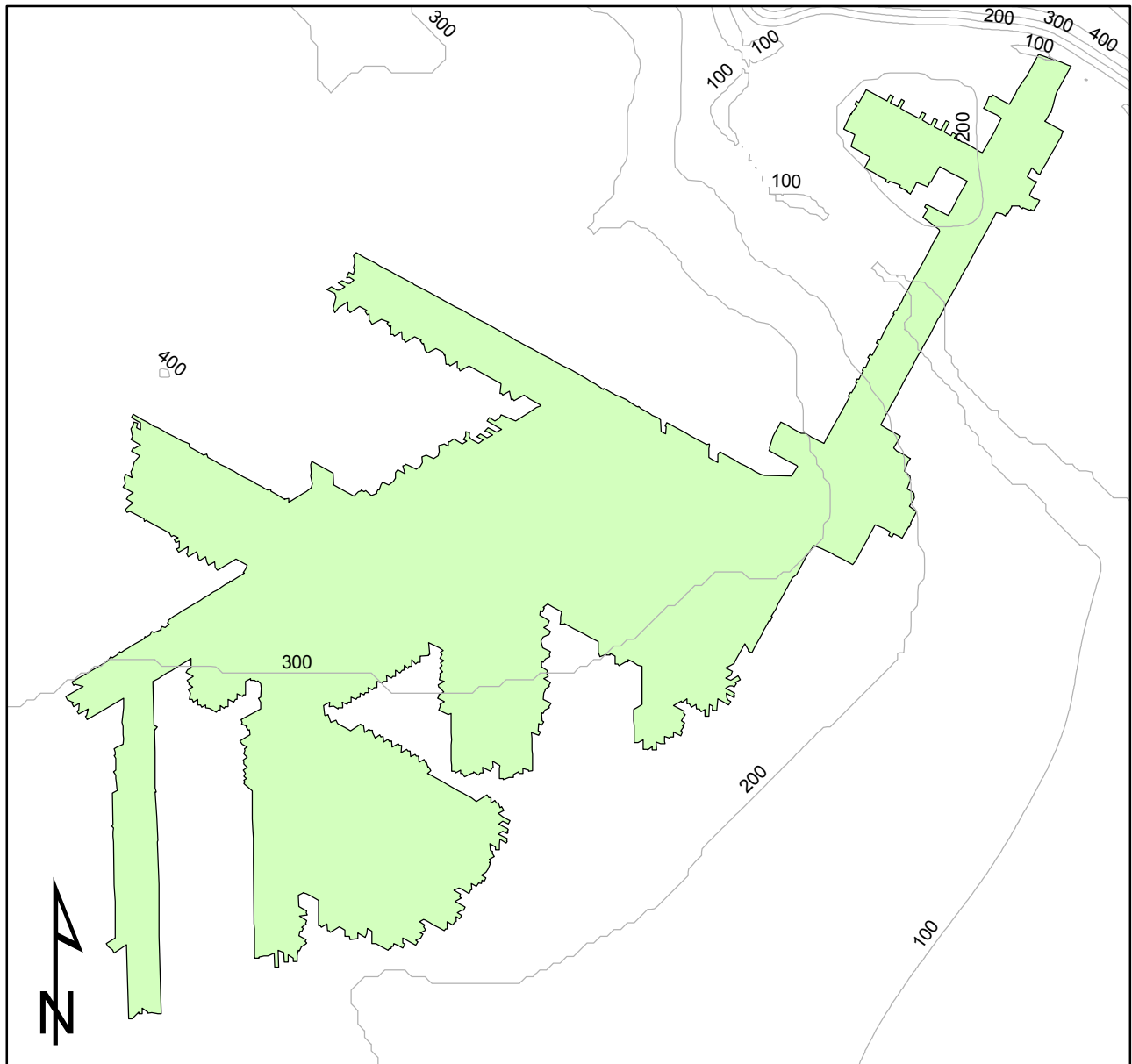
Indiana County

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.

Gillhouser Run 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

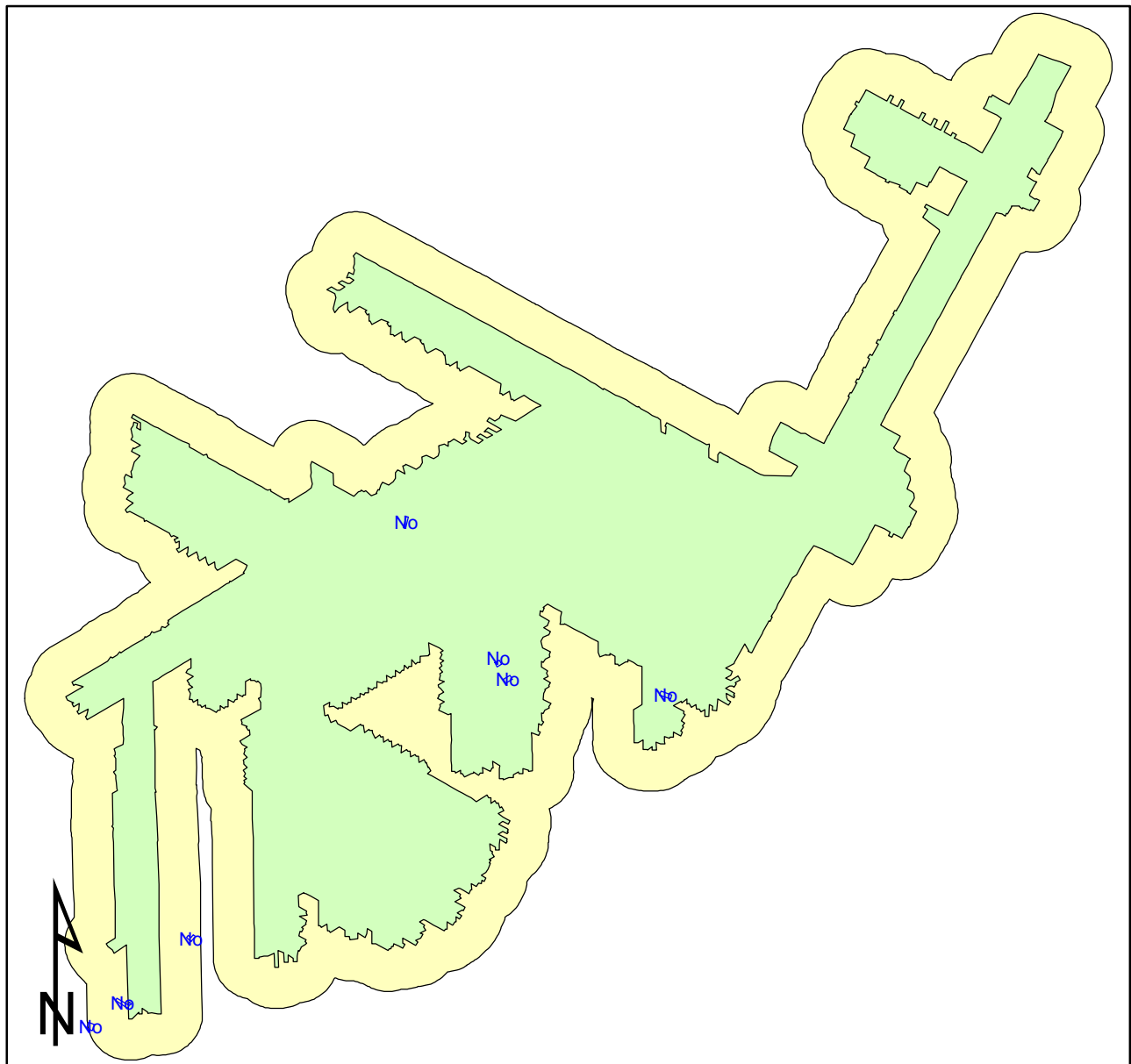


Map Key

- 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.

Gillhouser Run 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



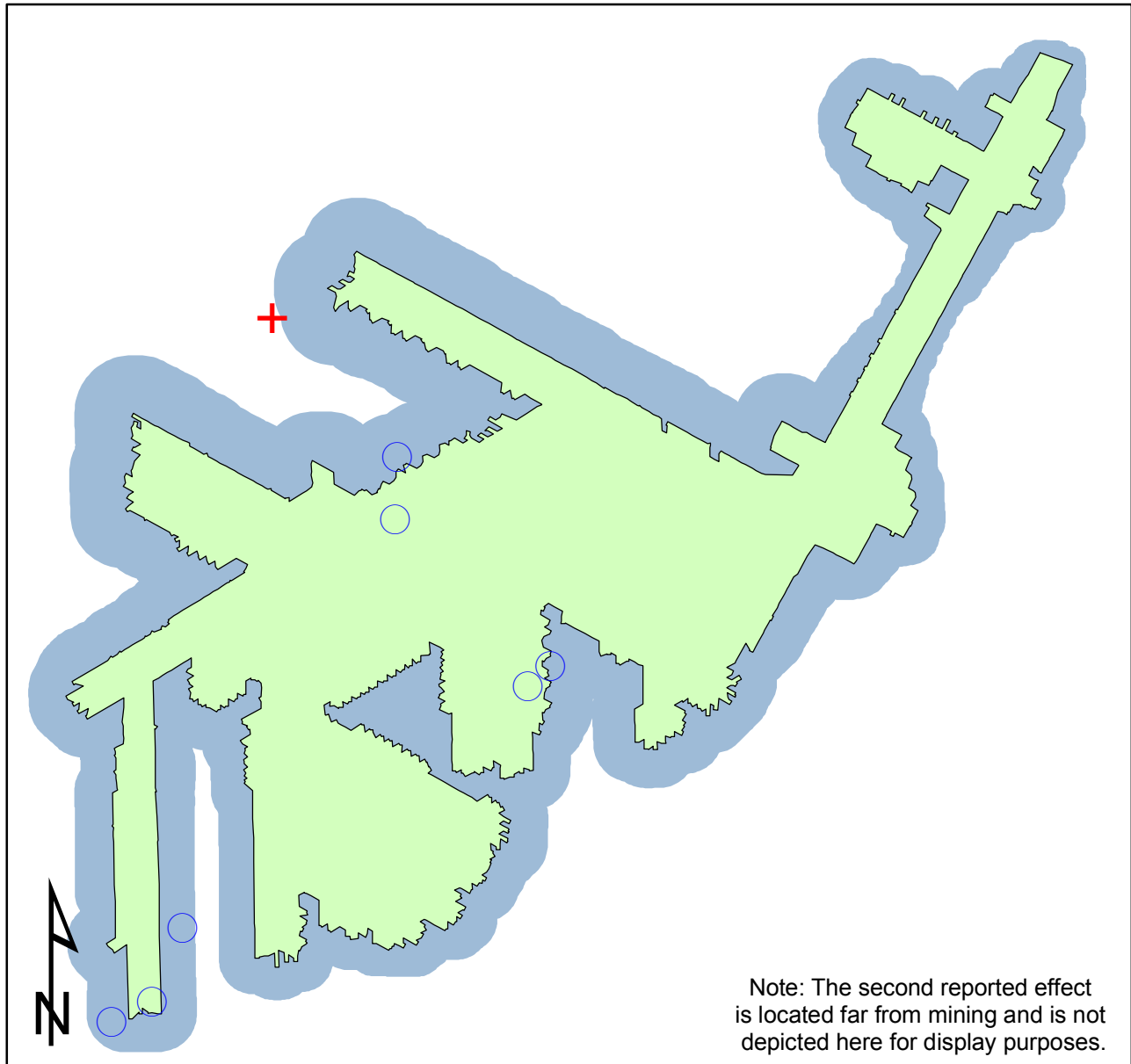
Indiana County

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.

Gillhouser Run Mine Mining Areas, Watersources and RPZ



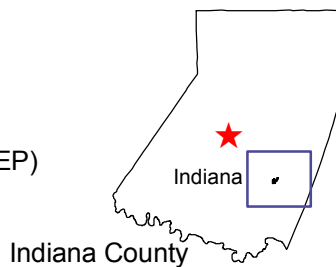
0 0.0450.09 0.18 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh

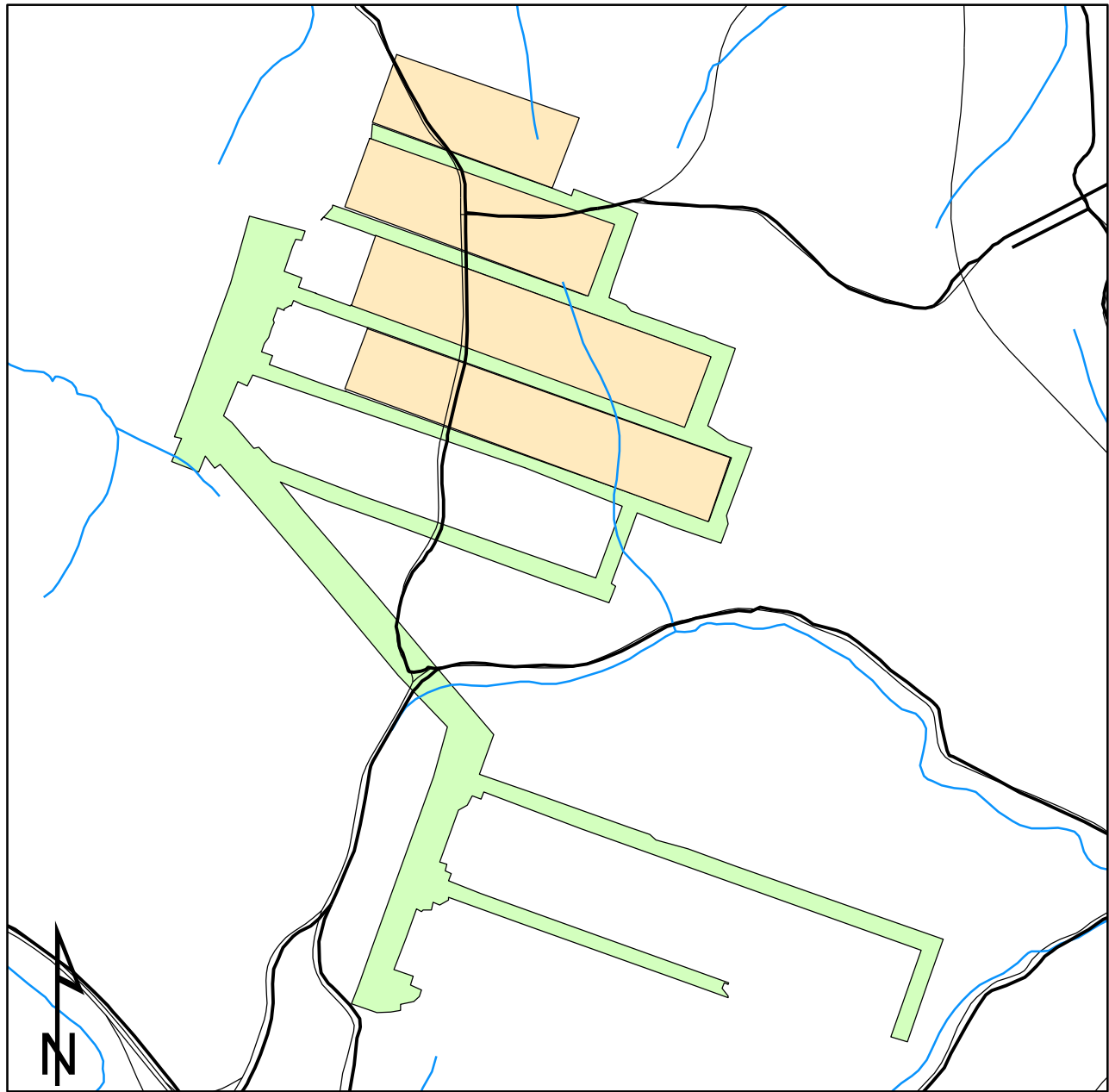


Map Key

- + *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.

High Quality 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



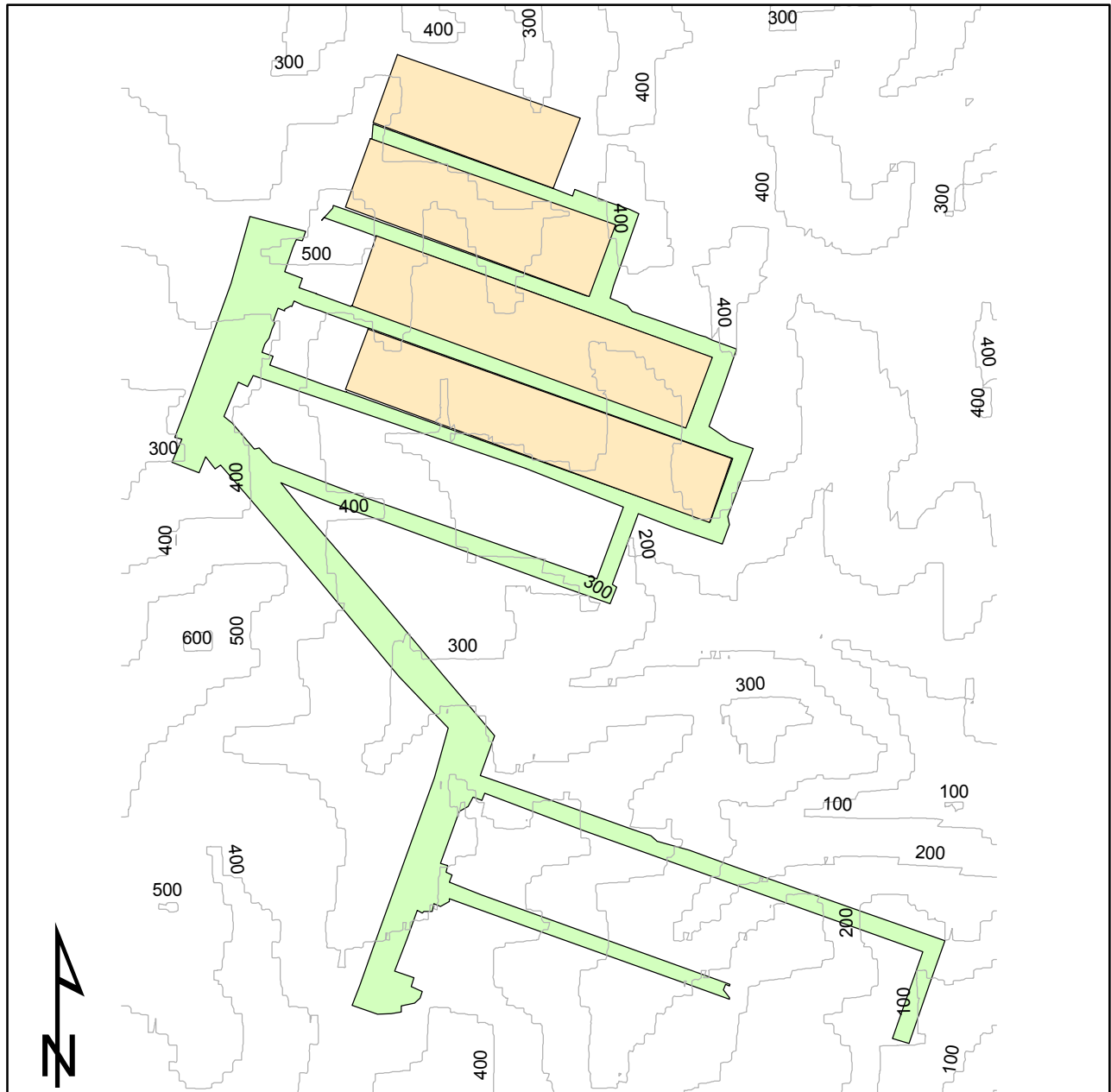
Washington County

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.

High Quality 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



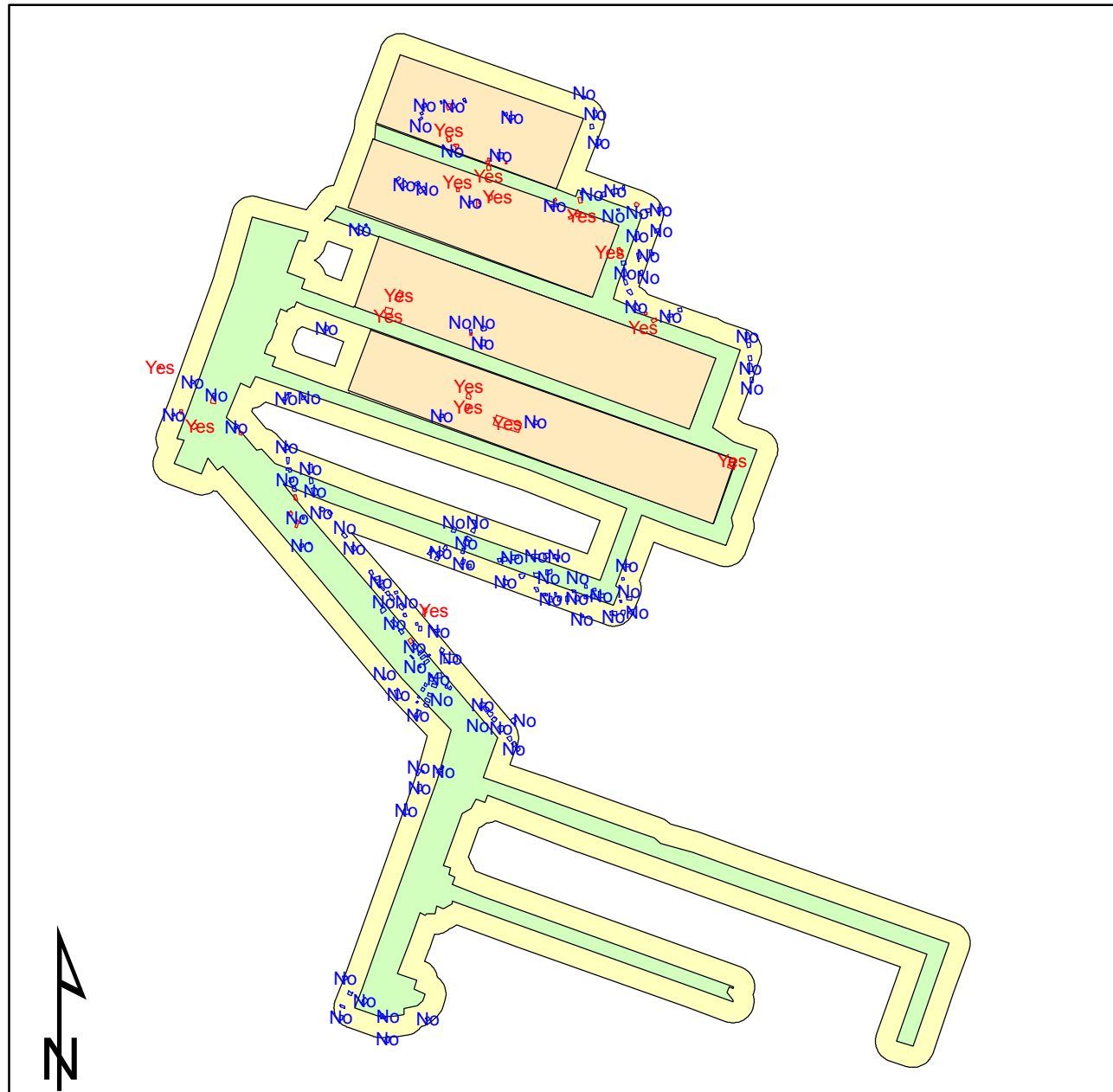
Washington County

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.

High Quality 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



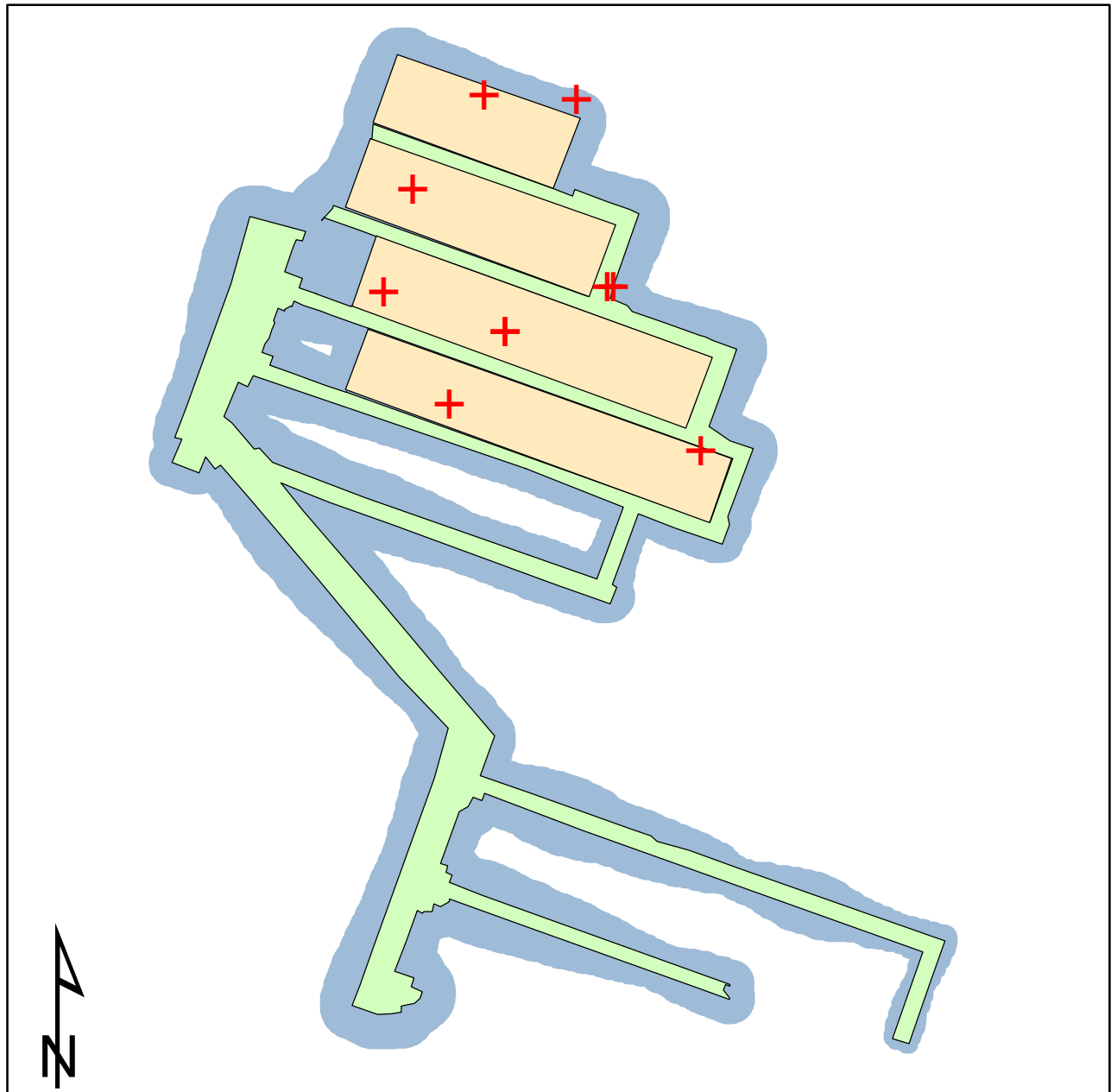
Washington County

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.

High Quality 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



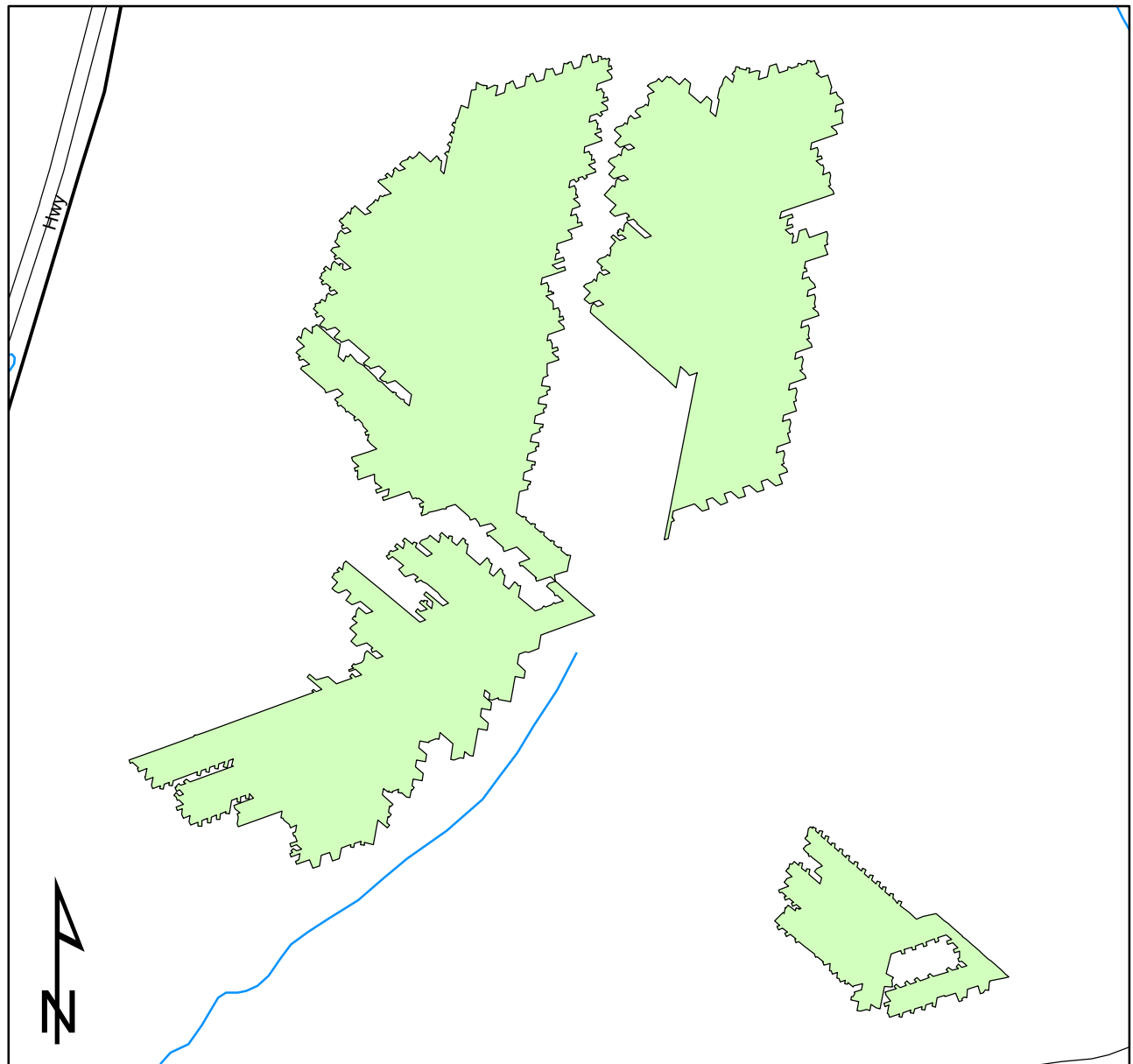
Washington County

Map Key

- Watersources with 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.

Josephine No.3 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



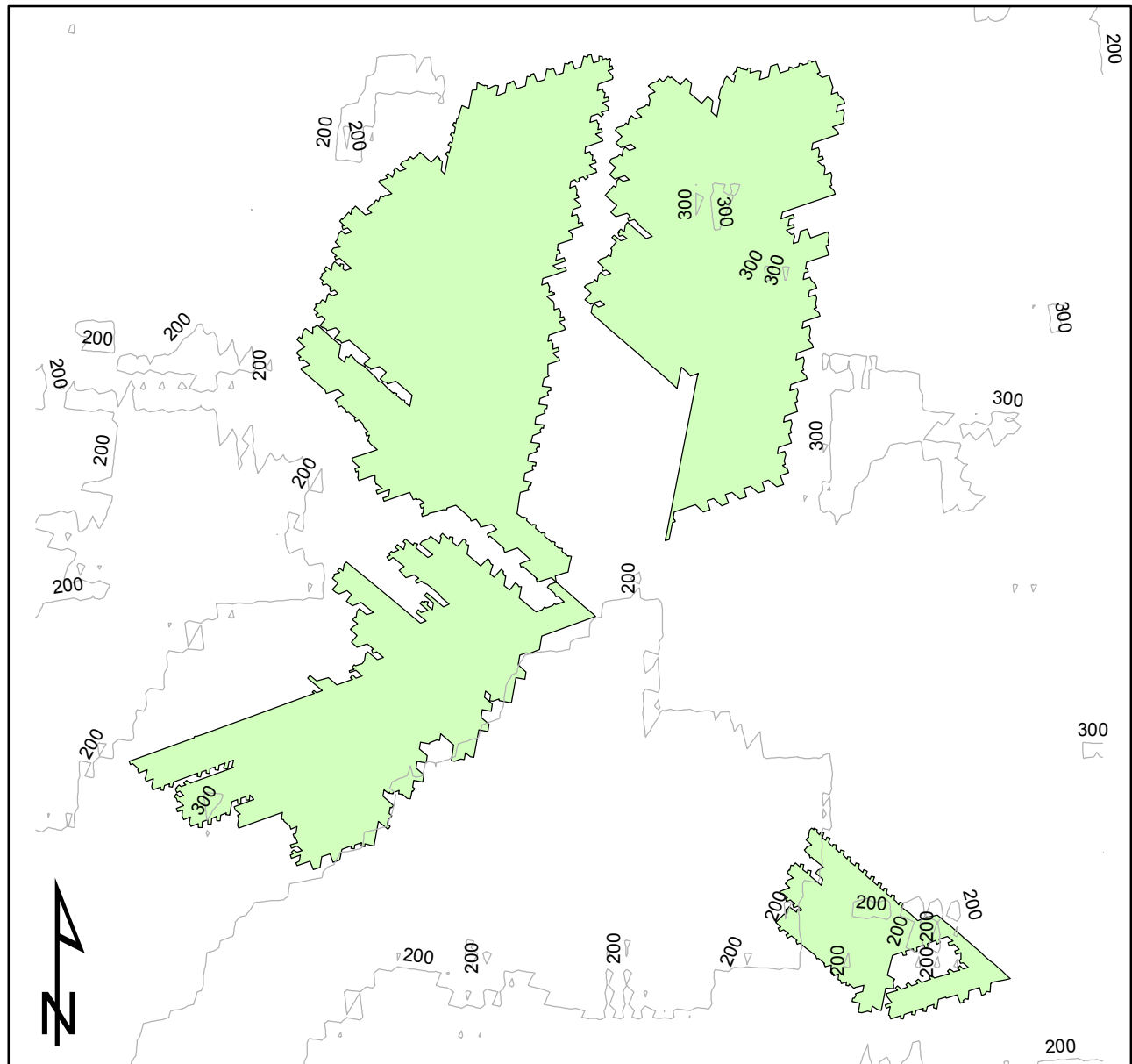
Indiana County

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.

Josephine No.3 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



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.

Josephine No.3 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



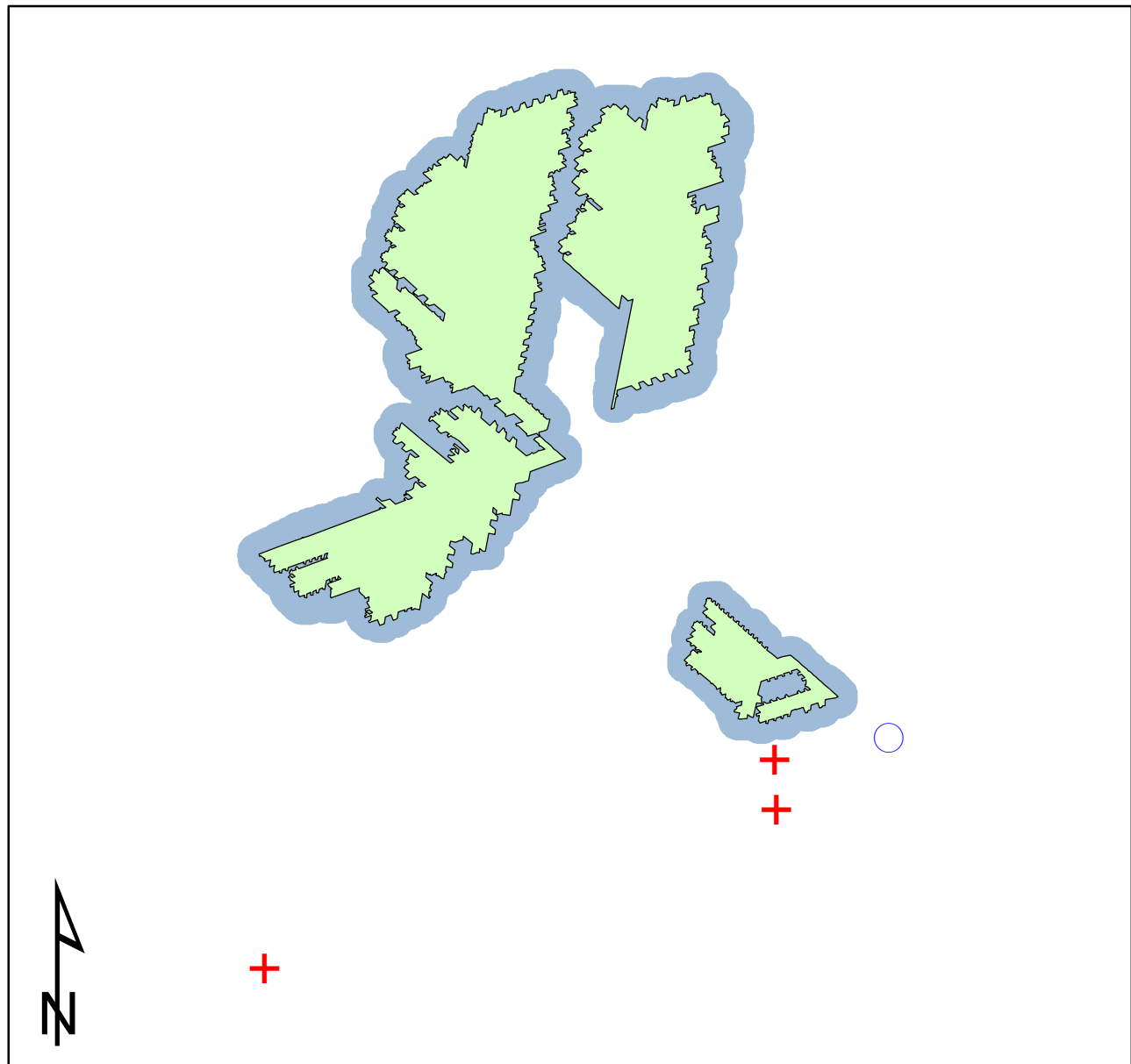
Indiana County

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.

Josephine No.3 Mine Mining Areas, Watersources and RPZ



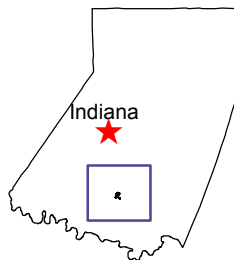
0 0.15 0.3 0.6 Miles



Prepared for:
Pennsylvania Department of
Environmental Protection (DEP)



Prepared by:
University of Pittsburgh



Indiana County

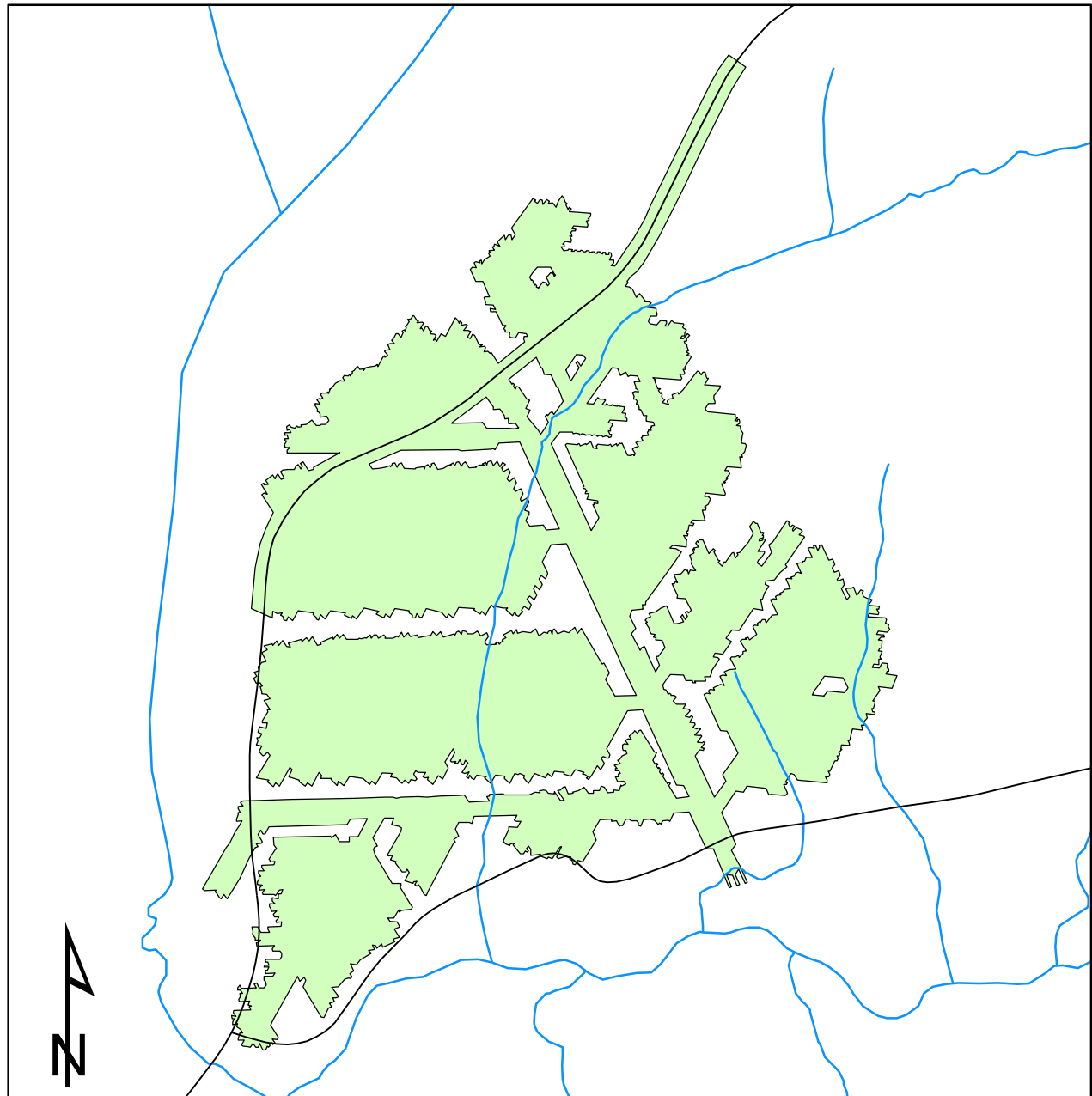
Map Key

- 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.

Keystone East 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



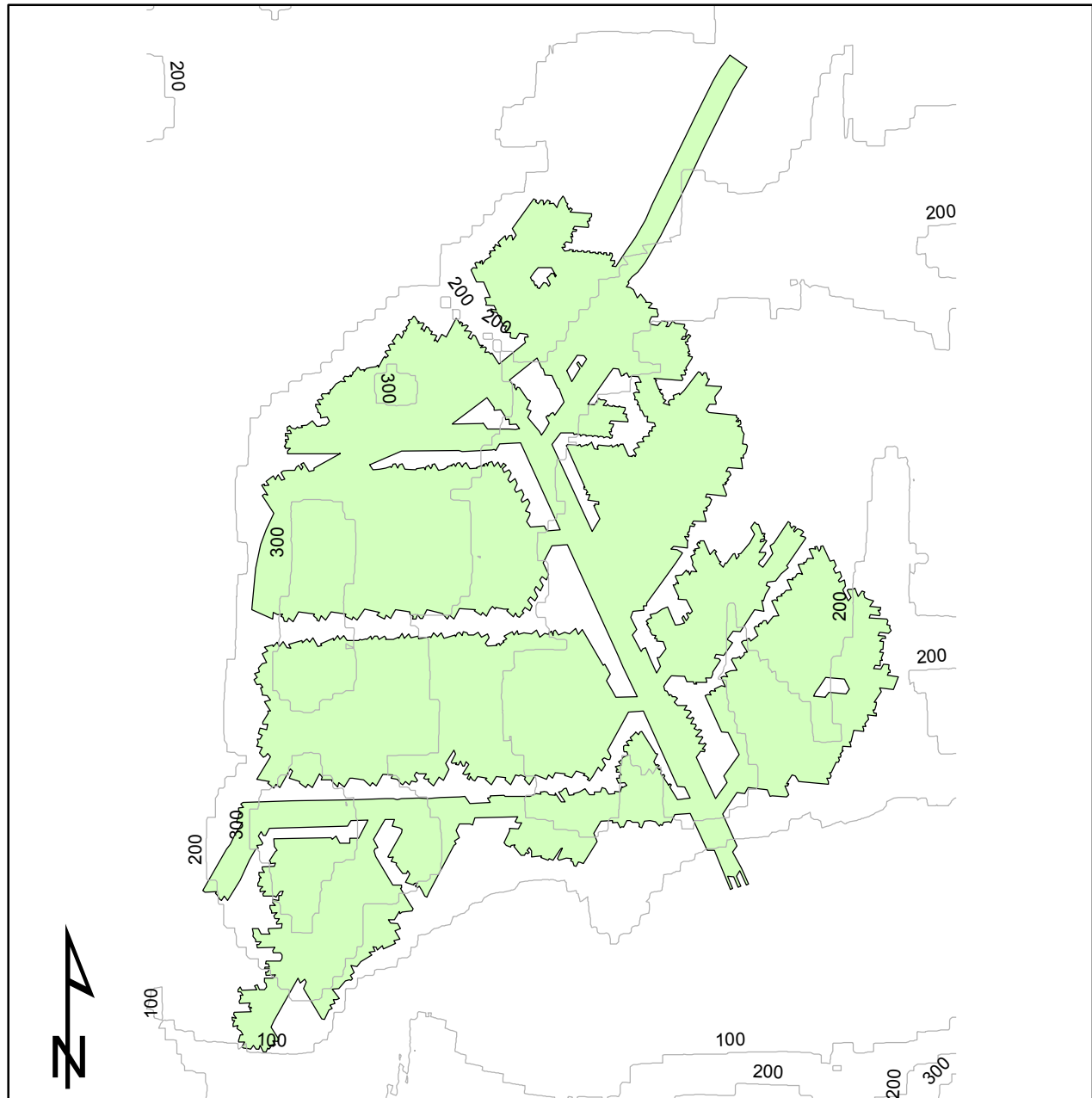
Armstrong County

Map Key

- Highways
- State Roads
- Streams
- 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.

Keystone East 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



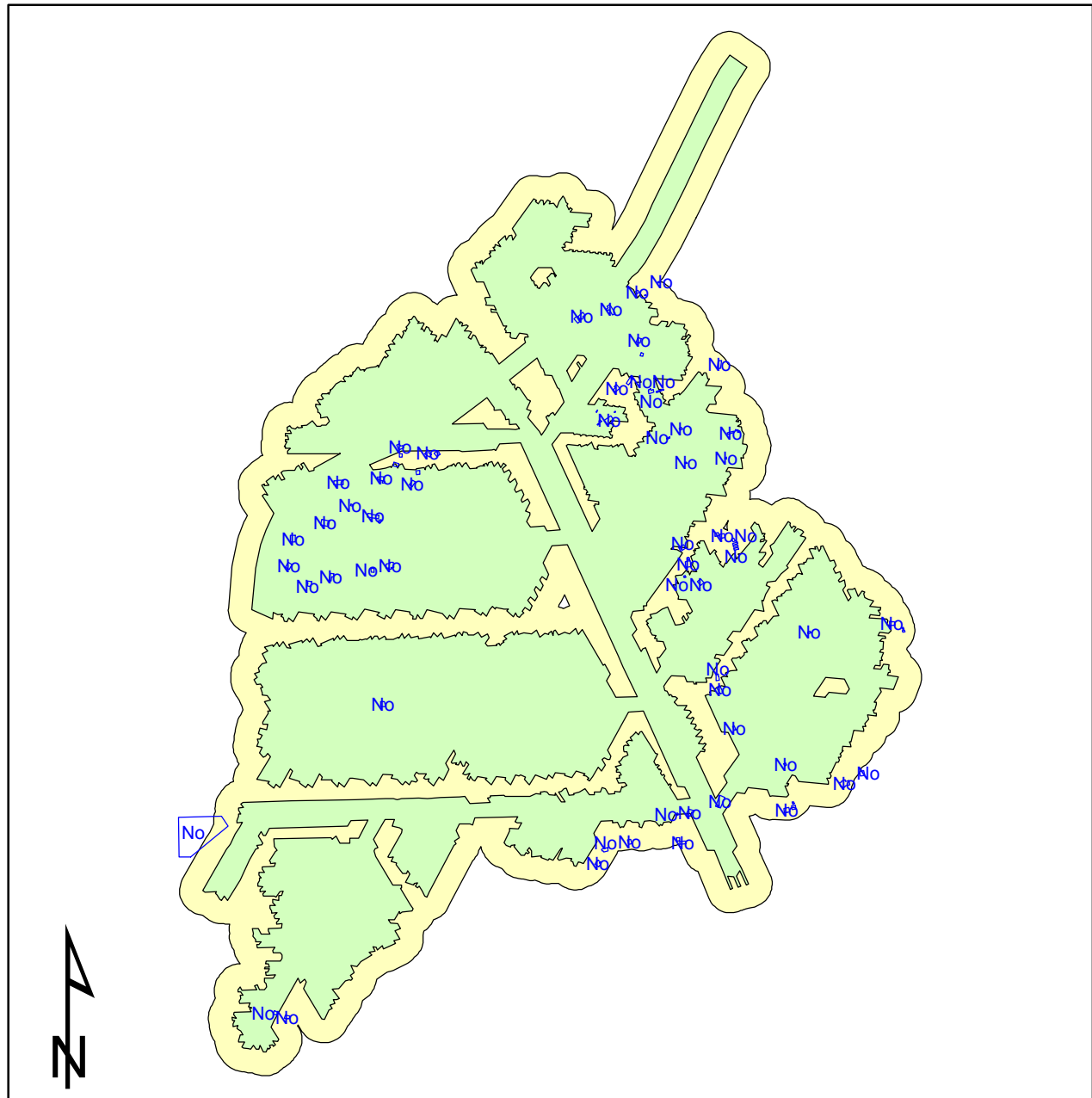
Armstrong County

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.

Keystone East 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



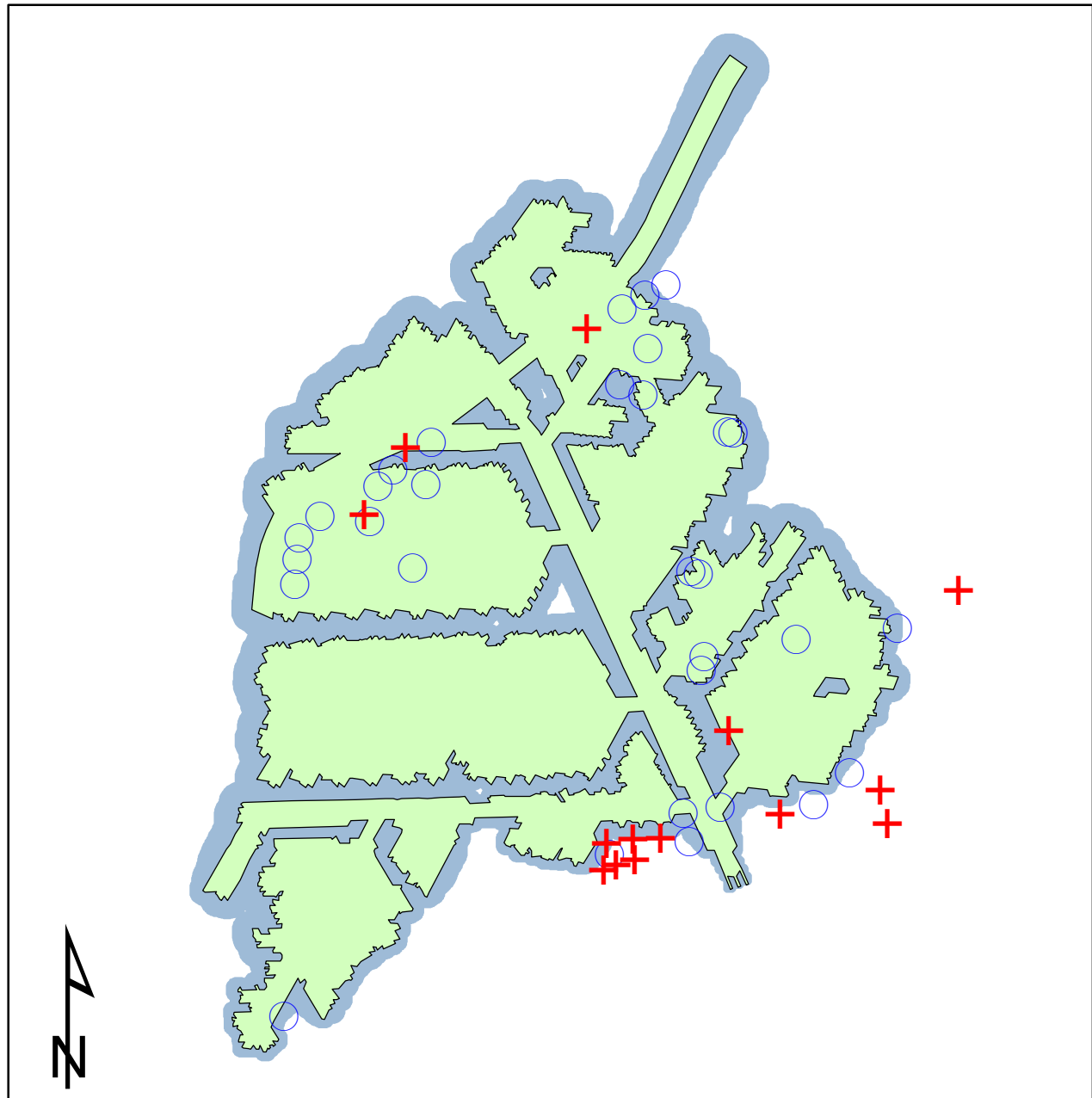
Armstrong County

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.

Keystone East 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