Mining in the Pittsburgh Seam - Avella, PA, Quadrangle

Legend:
- Mine damage
- Pittsburgh structure contour
- Pittsburgh seam contour
- Colored areas are underground miningindicated on other maps. Colored areas on internal areas indicating pian and shafts existed that the area between the indicated mines and the shafts existing are county streets.
- Unlined coal blocks may not easily be estimated. It may be considered to typically range from 50 to 100 per mine. Some features have been generalized.
- Map projection is WGS84, Universal Transverse Mercator (UTM) Zone 17N. Data map is based on USGS Data.

This mapping is a reasonable, but not exact, facsimile of the distribution of underground mineral areas. Mine map outlines were compiled from a variety of original and secondary sources of varying accuracy. While the accuracy of specific bench locations, mine outlines, and unlined coal blocks may not easily be estimated, it may be considered to typically range from 50 to 100 per mine. Some features have been generalized. Map projection is WGS84, Universal Transverse Mercator (UTM) Zone 17N. Data map is based on USGS Data.

West Virginia University
West Virginia Water Research Institute
Hydrology Research Center
December 2003