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Total Coal Thickness of the Upper Elkhorn No. 3A Coal (Lower Bed) in Eastern Kentucky

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Total Coal Thickness of the Upper Elkhorn No. 3A Coal (Lower Bed) in Eastern Kentucky

Jeffrey A. Esterle, Ernest E. Thacker, and Gerald A. Weisman

Abstract

This map is one of a series that shows the gross stratigraphic relationships of the Upper Elkhorn No. 3 coal mine. The map was prepared as part of the U.S. Geological Survey's National Coal Assessment Program, which maps coal resources and deposits that can be commercialized using conventional mining methods. The Upper Elkhorn No. 3 coal mine has been used as the example in this map for Eastern Kentucky. The coal is contained within the Maysville Coal Formation of the Wise Sandstone Member, which has been estimated to consist of coal and shale. The coal body is composed of both the Maysville Coal Formation of the Wise Sandstone Member and a member of the Green River Coal Group. The coal body is composed of both the Maysville Coal Formation of the Wise Sandstone Member and a member of the Green River Coal Group.

Point Data

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Map Projection

The topographic map of the Upper Elkhorn No. 3 coal mine was compiled from existing digital and 7.5-minute quadrangle mapping. Portions of the Kentucky Resource Catalog and the Kentucky Geological survey digital data base were used. The map was produced in the U.S. Geological Survey National Coal Assessment Program.

More Information

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Acknowledgments

This work was supported in part by grants from the U.S. Geological Survey's National Coal Assessment Program. Additional data were provided by the Kentucky Resource Catalog and the Kentucky Department of Mines and Minerals.

Legend

- Colored areas
- Coal beds
- Coal seams
- Faults
- Breakdown

Scale: 1:30,000

Map prepared by the Kentucky Geological Survey.

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