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

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Overview

This map is one of a series that shows the coal thickness distribution of the Upper Elkhorn No. 3A coal. The maps were prepared as part of the U.S. Geological Survey’s National Coal Assessment Program, which evaluated the geology, mineral resources, and potential environmental impacts of coal resources in the United States. The Upper Elkhorn No. 3A coal has been of interest to mining companies in the eastern United States because of its high-quality coal. The area is composed of portions of Kentucky and West Virginia, where the coal is of the Upper Elkhorn No. 3A coal in the eastern Kentucky coalfield. It is a coal bed that is not part of the eastern Kentucky coalfield. The Upper Elkhorn No. 3A coal is mined for its economic potential, and it is the subject of this report.

Map Projection

The map is based on the UTM coordinate system, using the Clarke 1866 ellipsoid and the Albers equal area projection. The map is intended for use in the coal mining industry.

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EXPLANATION

- Black: Outcrop
- Grey: Undetermined
- White: Not Coal

Figure 1: The coal area of the Upper Elkhorn No. 3A coal.