Total Coal Thickness of the Fire Clay and Fire Clay Rider Coals in Eastern Kentucky

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Figure 1: Thickness of Fire Clay and Fire Clay Rider Coals

Covington, G.ies of the Fire Clay and Fire Clay Rider Coals in Eastern Kentucky (1964, 1976, 1986, and 1996). The thickness of the Fire Clay and Fire Clay Rider Coals was determined using a combination of geological mapping, geophysical surveys, and borehole data. The resulting thickness data were then digitized and mapped using Geographic Information System (GIS) software. The resulting map shows the distribution of the Fire Clay and Fire Clay Rider Coals across the study area.

Map Preparation

The thickness of the Fire Clay and Fire Clay Rider Coals was determined using a combination of geological mapping, geophysical surveys, and borehole data. The resulting thickness data were then digitized and mapped using Geographic Information System (GIS) software. The resulting map shows the distribution of the Fire Clay and Fire Clay Rider Coals across the study area.

Map Information

A detailed geologic map of the study area was compiled from existing geologic maps, geophysical data, and borehole information. The resulting map was then digitized and converted to a GIS format for further analysis. The resulting thickness data were then shown on the map using a color-coded scale to indicate the thickness of the Fire Clay and Fire Clay Rider Coals in each area.

Acknowledgments

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