

Coal and Petroleum Resources in the Appalachian Basin: Distribution, Geologic Framework, and Geochemical Character



Professional Paper 1708

U.S. Department of the Interior
U.S. Geological Survey

Cover:

Upper left: Large dragline operation on a coal surface mine in Boone County, West Virginia. Photograph by Mitch Blake, West Virginia Geological and Economic Survey.

Upper center: Lower Devonian Oriskany Sandstone, abandoned glass sand quarry, northern Morgan County, West Virginia. Photograph by James Coleman, U.S. Geological Survey.

Upper right: The Upper Elkhorn #3 coal; from a roadcut exposure along U.S. Route 119, Pike County, Kentucky. The coal is used for electrical generation and as a blend for metallurgical applications. Photograph by Cortland Eble, Kentucky Geological Survey, University of Kentucky.

Lower left: Upper Devonian Brallier Formation turbidites, Hampshire County, West Virginia. The image is a mosaic of three photographs. Photographs by James Coleman, U.S. Geological Survey.

Lower right: Outcrop exposing approximately 350 feet of Middle Pennsylvanian Breathitt Group strata from the Betsie Shale Member at the base to the Magoffin Member at the top of the exposure, along Kentucky Route 15, Breathitt County, Kentucky. Photograph by Cortland Eble, Kentucky Geological Survey, University of Kentucky.

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Publishing support provided by the Pembroke, Raleigh, and Reston
Publishing Service Centers

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