



EXPLANATION

- Qal Alluvium
 - Pbt Breathitt formation
 - Ple Post-Lee Pennsylvanian rocks, undifferentiated
 - Ple Lee formation
 - MDu Mississippian and Devonian rocks, undifferentiated
- QUATERNARY
 PENNSYLVANIAN
 DEVONIAN AND MISSISSIPPIAN

- Contact
- Fault
- Dashed where approximately located; dotted where concealed

SOURCES OF GEOLOGIC INFORMATION

Ashley, G. H., and Glenn, L. C., 1906, Geology and mineral resources of a part of the Cumberland Gap coal field: U. S. Geol. Survey Prof. Paper 60. Map, 1:46,000.
 Bergin, M. J., Written communication. Map, 1:24,000.
 Butts, Charles, 1914, Coal resources and general geology of the Pound quadrangle: U. S. Geol. Survey Bull. 541. Map, 1:62,500.
 Campbell, M. R., 1894, Estillville quadrangle: U. S. Geol. Survey Geol. Atlas, Folio 12. Map, 1:125,000.
 Miller, Raymond, and Withers, S., 1949, Structural geologic map of Harlan County, ser. 9. Map, 1:62,500.
 Price, W. E., Jr., 1956, Geology and ground-water resources of the Prestonsburg quadrangle, Ky.: U. S. Geol. Survey Water-Supply Paper 1359. Map, 1:31,680.
 Price, W. E., Jr., Kilburn, Chabot, and Mull, D. S., Geologic mapping based on field investigations and interpretations of aerial photographs and topographic maps. Maps: 1:24,000 and 1:125,000.
 Robinson, L. C., and Crider, A. F., 1949, Structural geologic map of Letcher County, Ky., ser. 9. Map, 1:62,500.

Base maps are county highway maps and adjacent county groups may not match

GEOLOGIC MAP OF BREATHITT, FLOYD, HARLAN, KNOTT, LETCHER, MARTIN, MAGOFFIN, PERRY, AND PIKE COUNTIES, KENTUCKY

By
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