PREPARED IN COOPERATION WITH THE COMMONWEALTH OF KENTUCKY
KENTUCKY GEOLOGICAL SURVEY, UNIVERSITY OF KENTUCKY
AND THE DEPARTMENT OF ECONOMIC DEVELOPMENT

EXPLANATION

QUATERNARY

Qal — Alluvium

PENNSYLVANIAN

IPcm — Conemaugh formation

IPbt — Breathitt formation

IPle — Lee formation

MISSISSIPPIAN

Mu — Mississippian rocks, undifferentiated

May include some Devonian strata in valleys of extreme western Menifee County

Contact

Fault

Dashed where approximately located; dotted where concealed

SOURCES OF GEOLOGIC INFORMATION

Baker, J. A., 1955, Geology and ground-water resources of the Paintsville area, Ky.: U. S. Geol. Survey Water-Supply Paper 1257. Map, 1:31,680.

Briggs, R. P., Written communication. Map, 1:24,000.

Crandall, 1877, Report on the geology of Greenup, Carter, and Boyd Counties and a part of Lawrence County, Kentucky, Kentucky Geol. Survey Rept. Prog. 2, p. 1-77.

Englund, K. J., Written communication. Map, 1:24,000.

Eyl, W. C., 1927, Map of area 1 and structural geology of Lee County: Kentucky Geol. Survey, ser. 6. Map, 1:62,500.

Ferm, J. C., Oral communication.

Hauser, R. E., 1953, Geology and mineral resources of the Paintsville quadrangle, Ky.: Kentucky Geol. Survey, ser. 9, Bull. 13. Map, 1:24,000.

Huddle, J. C., Written communication.

Lyons, E. J., Written communication. Map, 1:24,000.

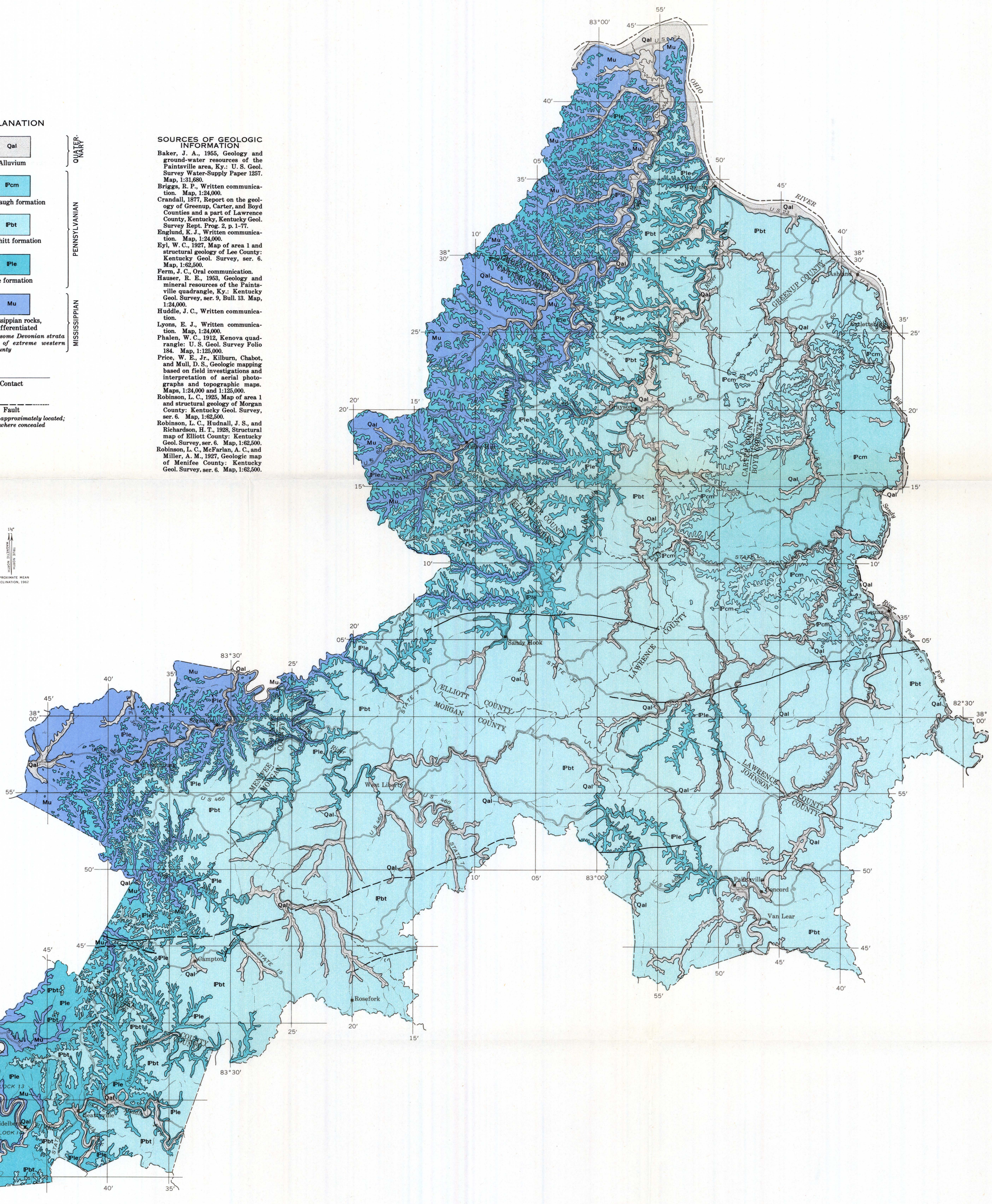
Phalen, W. C., 1912, Kenova quadrangle: U. S. Geol. Survey Folio 184. Map, 1:125,000.

Price, W. E., Jr., Kilburn, Chabot, and Mull, D. S., Geologic mapping based on field investigations and interpretation of aerial photographs and topographic maps. Maps, 1:24,000 and 1:125,000.

Robinson, L. C., 1925, Map of area 1 and structural geology of Morgan County: Kentucky Geol. Survey, ser. 6. Map, 1:62,500.

Robinson, L. C., Hudnall, J. S., and Richardson, H. T., 1928, Structural map of Elliott County: Kentucky Geol. Survey, ser. 6. Map, 1:62,500.

Robinson, L. C., McFarlan, A. C., and Miller, A. M., 1927, Geologic map of Menifee County: Kentucky Geol. Survey, ser. 6. Map, 1:62,500.



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

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—61013

GEOLOGIC MAP OF BOYD, CARTER, ELLIOTT, GREENUP, JOHNSON, LAWRENCE, LEE, MENIFEE, MORGAN, AND WOLFE COUNTIES, KENTUCKY

By

W. E. Price, Jr., Chabot Kilburn, and D. S. Mull

1962

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