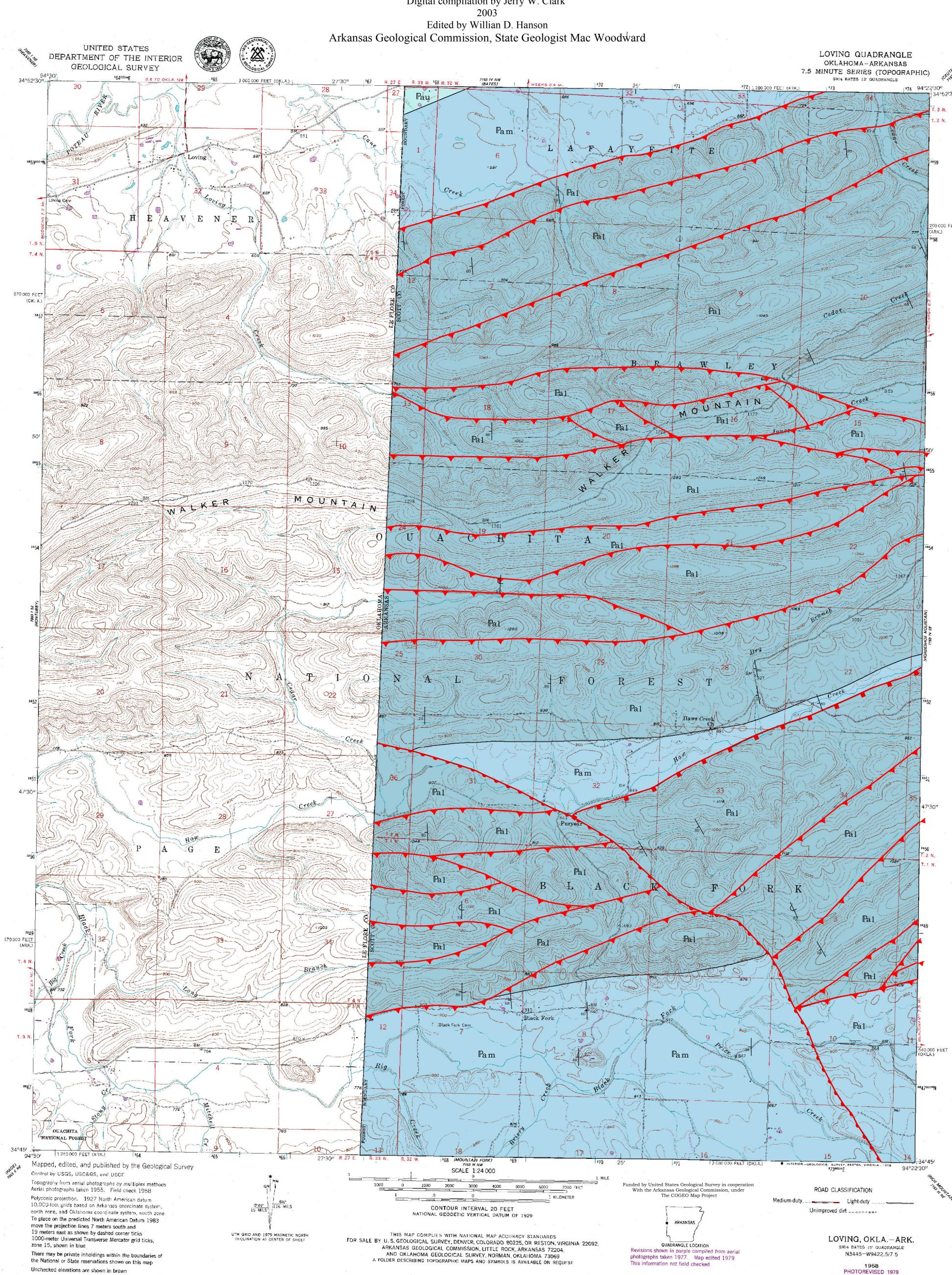
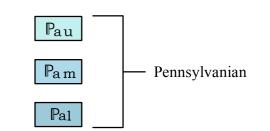
GEOLOGICAL MAP OF THE LOVING QUADRANGLE, SCOTT COUNTY ARKANSAS

Geology by Boyld R. Haley and Charles G. Stone Digital compilation by Jerry W. Clark 2003



CORRELATION OF MAP UNITS



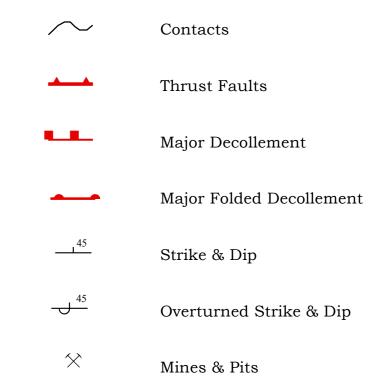
DESCRIPTION OF MAP UNITS

Upper Atoka (*Pennsylvanian*) The upper Atoka Formation consists of marine tan to gray silty sandstone and grayish-black shale. Only in the Arkansas Valley and Frontal Ouachita Mountain provinces is this formation split into the upper, middle, and lower members. The Atoka Formation has a thickness of about 25,000 feet.

Middle Atoka Formation (*Pennsylvanian*) The Formation consists of marine tan to gray silty sandstone and grayish-black shale. Only in the Arkansas Valley and Frontal Ouachita Mountain provinces is this formation split into the upper, middle, and lower members. The Atoka Formation has a thickness of about 25,000 feet.

Lower Atoka (*Pennsylvanian*) The lower Atoka is a sequence of marine, mostly tan to gray silty sandstones and grayish-black shales. Some rare calcareous beds and siliceous shales are known. This unit has the largest areal extent of any of the Paleozoic formations in the state.

SYMBOLS



REFERENCES

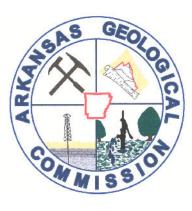
Haley, B. R., & Stone, C. G., 1994 Geologic Map of the Loving Quadrangle, Scott County, Arkansas: AGC Open-File Report, scale 1:24,000.

McFarland, J. D., 1998, Stratigraphic Summary of Arkansas: Arkansas Geological Commission Information Circular 36, 39p.

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