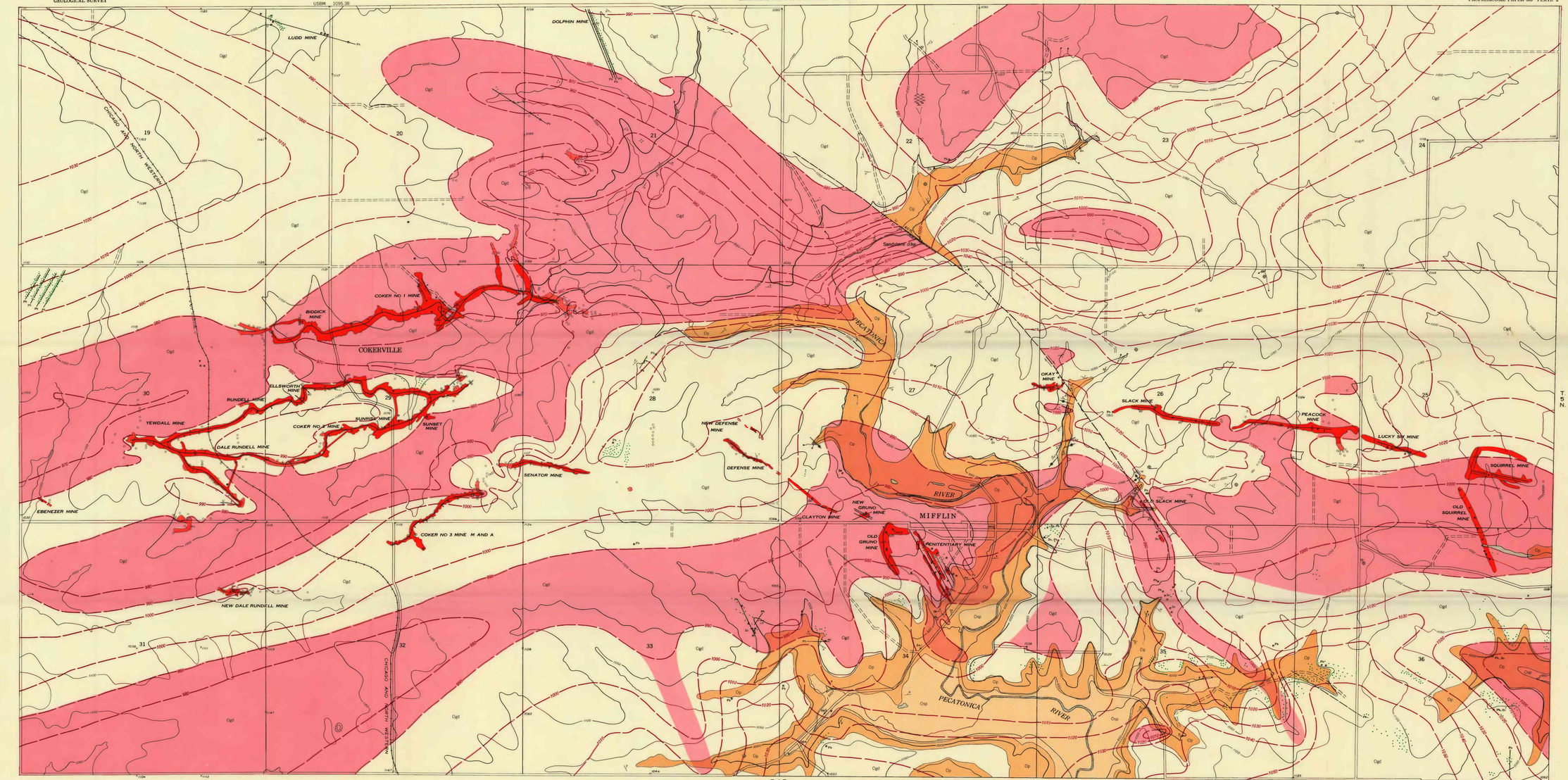
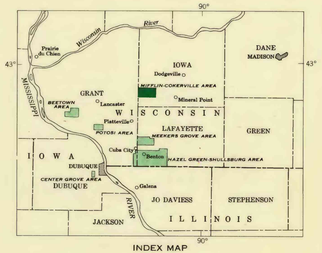
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE WISCONSIN
GEOLOGICAL AND NATURAL HISTORY SURVEY

PROFESSIONAL PAPER 309 PLATE 2





INDEX MAP

EXPLANATION

Middle Ordovician — ORDOVICIAN

- Ogd — Galena dolomite
- Op — Platteville formation
- Osp — St. Peter sandstone

Contact
Dashed where approximately located

Fault
Showing dip; dashed where inferred. Arrows show relative horizontal movement. U, upthrown side; D, downthrown side

Pitch type fault
Showing dip. U, upthrown side; D, downthrown side

Vertical pitch type fault

Strike and dip of beds

Horizontal beds

Strike and dip of joints

Strike of vertical joints

Lead-bearing joints
Dashed where approximately located

960
970
Structure contours
Drawn on base of Guttenberg limestone member of the Decorah formation. Contour interval 10 feet. Datum is mean sea level

General synclinal or basin areas

Location of surface outcrop

Large opencut in zinc ore

Underground mine workings in zinc ore
Dashed where inferred

Unmined ore body located by drilling, 1947

Shallow lead pits

Shaft

Quarry

Drill hole

Benchmark

Pb, Zn
Lead, Pb; zinc, Zn; in prospect, dump, or outcrop

TRUE NORTH
MAGNETIC NORTH
5½°

Topography from Wisconsin Geological Survey

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.

Geology by Allen F. Agnew, Allen V. Heyl, Jr., Charles H. Behre, Jr., and Douglas M. Kinney, 1943–1947

GEOLOGIC STRUCTURE MAP OF THE MIFFLIN-COKERVILLE ZINC-LEAD AREA, IOWA COUNTY, WISCONSIN

1000 0 5000 Feet

Contour interval 50 feet
Datum is mean sea level