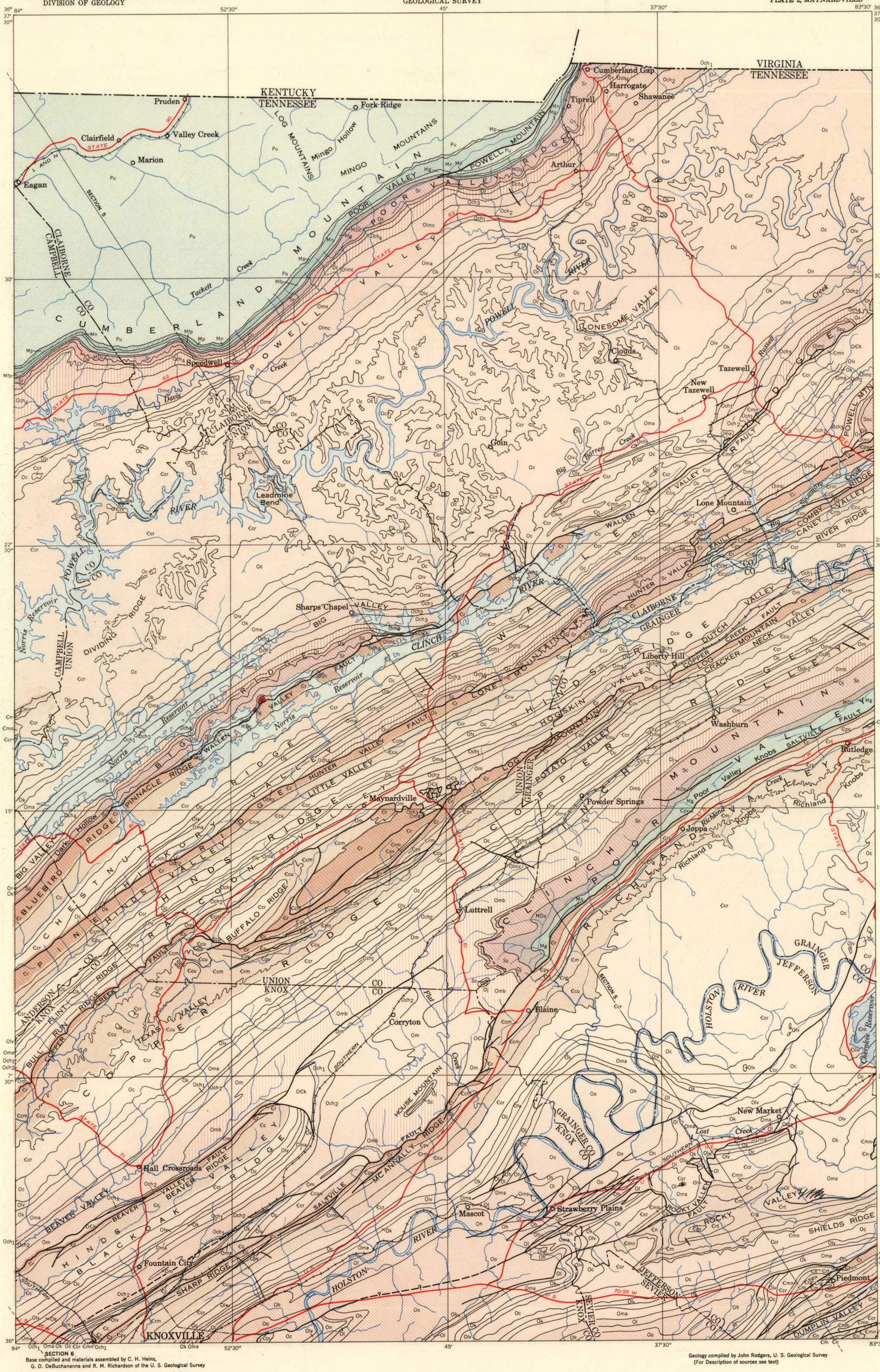
STATE OF TENNESSEE
DEPARTMENT OF CONSERVATION
DIVISION OF GEOLOGY

PREPARED IN COOPERATION WITH
UNITED STATES DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

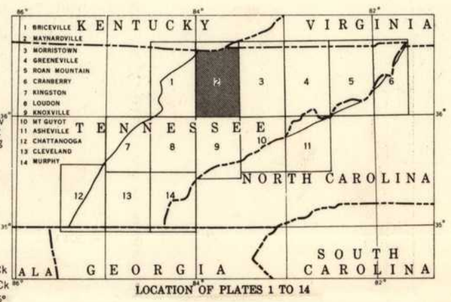
BULLETIN 58
PLATE 2, MAYNARDVILLE



EXPLANATION

- Paleozoic intrusive rocks
- Pu — Pennsylvanian rocks, undifferentiated
- Mp — Pennington formation
- Mn — Newman limestone
- Mfp — Fort Payne chert
- Mg — Grainger Formation
- MDc — Chattanooga shale
- MDs — Basal Mississippian and Devonian shale
- DSh — Hancock limestone
- Sr — Rockwood formation
- Ssu — Silurian sandstone and shale, undivided
- Sc — Clinch sandstone
- Os — Sequatchie formation
- Oj — Juniata formation
- Or — Reedsville shale
- Och4 — Chickamauga limestone, unit 4
- Omb — Martinsburg shale
- Olmc — Lower and middle parts of Chickamauga limestone
- Och3 — Chickamauga limestone, unit 3
- Om — Moccasin formation
- Och2 — Chickamauga limestone, unit 2
- Oo — Ottosee shale
- Och1 — Chickamauga limestone, unit 1
- Oh — Holston formation
- Ol — Lenoir limestone
- OCk — Knox dolomite or group, undivided
- Oma — Mascot dolomite
- Ok — Kingsport formation
- On — Newala formation
- Olv — Longview dolomite
- Oc — Chepultepec dolomite
- Ocn — Chepultepec, Longview, and Newala formations, undivided
- Ꞓcr — Copper Ridge dolomite
- Ꞓc — Conasauga shale or group, undivided
- Ꞓmn — Maynardville limestone
- Ꞓn — Nolichucky shale
- Ꞓcu — Upper Cambrian part of Conasauga group
- Ꞓm — Maryville limestone
- Ꞓrg — Rogersville shale
- Ꞓrt — Rutledge limestone
- Ꞓrm — Rutledge, Rogersville, and Maryville formations, undivided
- Ꞓpv — Pumpkin Valley shale
- Ꞓcm — Middle Cambrian part of Conasauga group
- Ꞓr — Rome formation
- Contact
- Fault
- —?—?— Doubtful or probable fault

For master explanation see plate 11



LOCATION OF PLATES 1 TO 14

SECTION 6

Base compiled and materials assembled by C. H. Heins, G. D. DeBuchananne and R. M. Richardson of the U. S. Geological Survey

Maps prepared for printing by N. B. Johnson, C. E. James, J. B. Canter, and others of the U. S. Geological Survey

Geology compiled by John Rodgers, U. S. Geological Survey
(For Description of sources see text)

GEOLOGIC MAP OF EAST TENNESSEE: MAYNARDVILLE

Scale $\frac{1}{125,000}$

1 0 5 10 Miles