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

GEOLOGIC MAP OF EAST TENNESSEE: MAYNARDVILLE SHOWING LOCATION OF WELLS AND SPRINGS

Scale 1/125,000

1 0 5 10 Miles

EXPLANATION

- ig — 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
- Och 4 — Chickamauga limestone, unit 4
- Omb — Martinsburg shale
- Olmc — Lower and middle parts of Chickamauga limestone
- Och 3 — Chickamauga limestone, unit 3
- Om — Moccasin formation
- Och 2 — Chickamauga limestone, unit 2
- Oo — Ottosee shale
- Och 1 — Chickamauga limestone, unit 1
- Oh — Holston formation
- Ol — Lenoir limestone
- O€k — 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
- €cr — Copper Ridge dolomite
- €c — Conasauga shale or group, undivided
- €mn — Maynardville limestone
- €n — Nolichucky shale
- €cu — Upper Cambrian part of Conasauga group
- €m — Maryville limestone
- €rg — Rogersville shale
- €rt — Rutledge limestone
- €rm — Rutledge, Rogersville, and Maryville formations, undivided
- €pv — Pumpkin Valley shale
- €cm — Middle Cambrian part of Conasauga group
- €r — Rome formation

Contact

Fault

—?—?— Doubtful or probable fault

16-2 Well showing location
The first number indicates the number within the county, the second the well number in group

49-1 Spring showing location

For master explanation see plate 11

LOCATION OF PLATES 1 TO 14

1 BRICEVILLE
2 MAYNARDVILLE
3 MORRISTOWN
4 GREENEVILLE
5 ROAN MOUNTAIN
6 CRANBERRY
7 KINGSTON
8 LOUDON
9 KNOXVILLE
10 MT GUYOT
11 ASHEVILLE
12 CHATTANOOGA
13 CLEVELAND
14 MURPHY

KENTUCKY · VIRGINIA · TENNESSEE · NORTH CAROLINA · GEORGIA · ALABAMA · SOUTH CAROLINA

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)

Locations of wells and springs listed in the text by George D. DeBuchananne, R. M. Richardson, and others of the U. S. Geological Survey