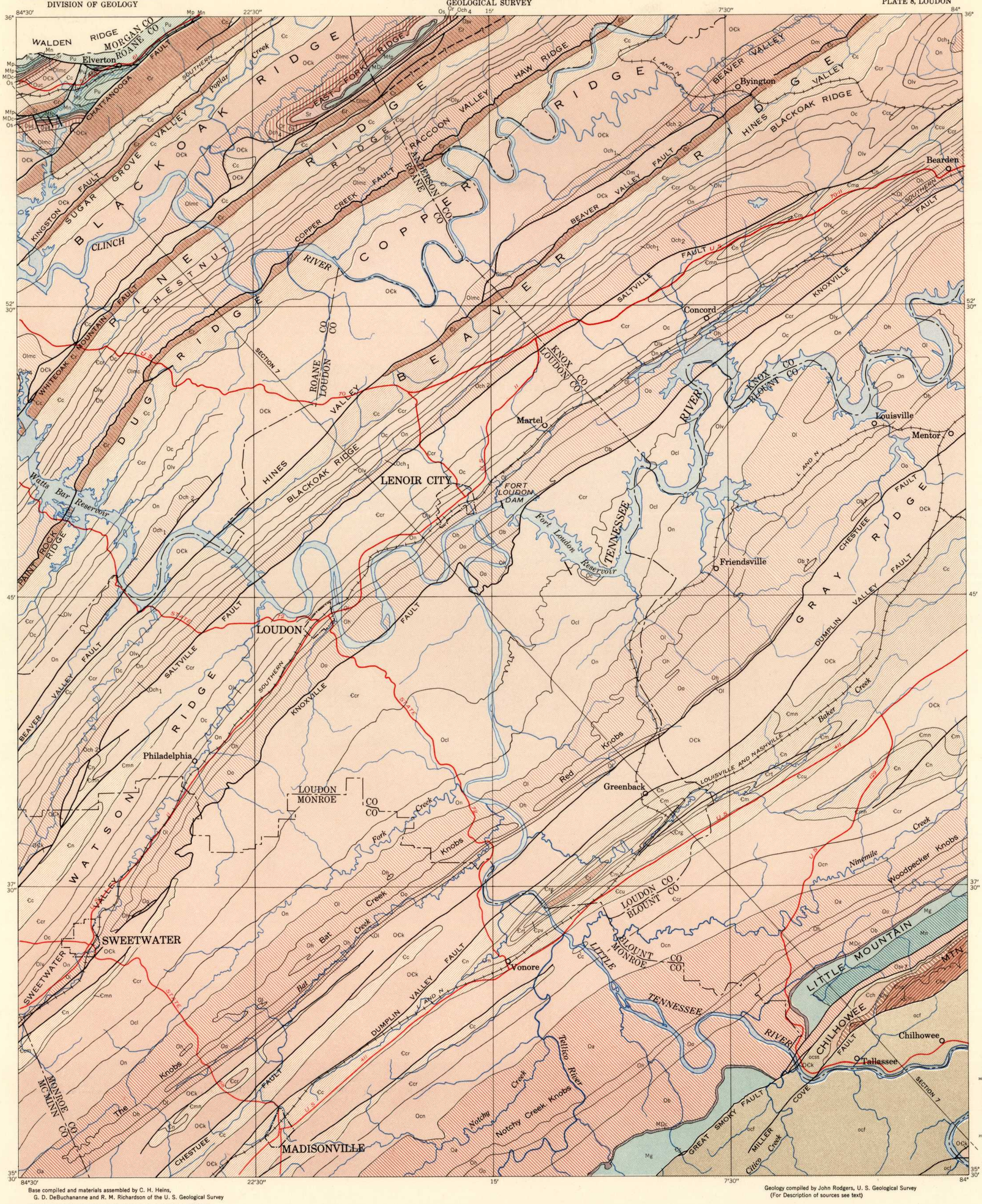
STATE OF TENNESSEE
DEPARTMENT OF CONSERVATION
DIVISION OF GEOLOGY

PREPARED IN COOPERATION WITH
UNITED STATES DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

BULLETIN 58
PLATE 8, LOUDON



EXPLANATION

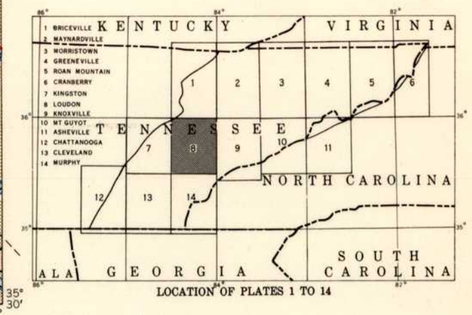
- Pu — Pennsylvanian rocks, undifferentiated
- Mp — Pennington formation
- Mn — Newman limestone
- Mfp — Fort Payne chert
- Mg — Grainger Formation
- MDc — Chattanooga shale
- Sr — Rockwood formation
- Os — Sequatchie formation
- Ouc — Upper part of Chickamauga limestone
- Or — Reedsville shale
- Och 4 — Chickamauga limestone, unit 4
- Olmc — Lower and middle parts of Chickamauga limestone
- Om — Moccasin formation
- Ob — Bays formation
- Och 2 — Chickamauga limestone, unit 2
- Oo — Ottosee shale
- Och 1 — Chickamauga limestone, unit 1
- Oh — Holston formation
- Ol — Lenoir limestone
- Oa — Athens shale
- Osv — Sevier shale
- OCk — Knox dolomite or group, undivided
- On — Newala formation
- Olv — Longview dolomite
- Oc — Chepultepec dolomite
- Ocl — Chepultepec and Longview dolomite, undivided
- 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
- Ꞓpv — Pumpkin Valley shale
- Ꞓcm — Middle Cambrian part of Conasauga group
- Ꞓr — Rome formation
- Ꞓhe — Hesse sandstone
- Ꞓmu — Murray shale
- Ꞓnb — Nebo sandstone
- Ꞓni — Nichols shale
- Ꞓch — Cochran conglomerate
- ocss — Sandsuck shale
- ocf — Fine-grained part of Ocoee series

Contact

Fault

—?—?— Doubtful or probable fault

For master explanation see plate 11



LOCATION OF PLATES 1 TO 14

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: LOUDON

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

1 0 5 10 Miles