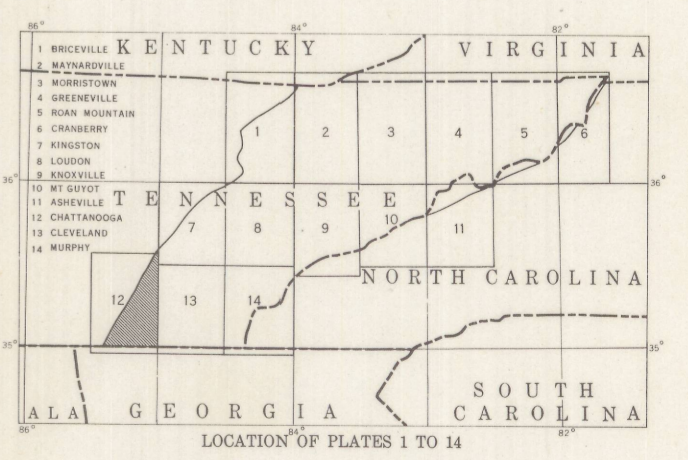




EXPLANATION

- Pu
Pennsylvanian rocks, undifferentiated
 - Mp
Pennington formation
 - Mn
Newman limestone
 - Mfp
Fort Payne chert
 - MDc
Chattanooga shale
 - Sr
Rockwood formation
 - Os
Sequatchie formation
 - Ouc
Upper part of Chickamauga limestone
 - Or
Reedsville shale
 - Ocb
Chickamauga limestone, unit 4
 - Olmc
Lower and middle parts of Chickamauga limestone
 - Ock
Knox dolomite or group, undivided
 - On
Newala formation
 - Oliv
Longview dolomite
 - Oc
Chepultepec dolomite
 - Ocn
Chepultepec, Longview, and Newala formations, undivided
 - Ccr
Copper Ridge dolomite
 - Cc
Conasauga shale or group, undivided
 - Cst
Sandstone-bearing member of Rome formation
 - Csp
Apison member of Rome formation
 - Contact
 - Fault
 - Doubtful or probable fault
 - Well showing location
 - Spring showing location
- The first number indicates the number within the county, the second the well number in group
- For master explanation see plate 11



Base compiled and materials assembled by C. H. Hains,
G. D. DeBuchanan and R. M. Richardson of the U. S. Geological Survey
Maps prepared for printing by N. B. Johnson, C. E. James, J. B. Carter,
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. DeBuchanan,
R. M. Richardson, and others of the U. S. Geological Survey

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

