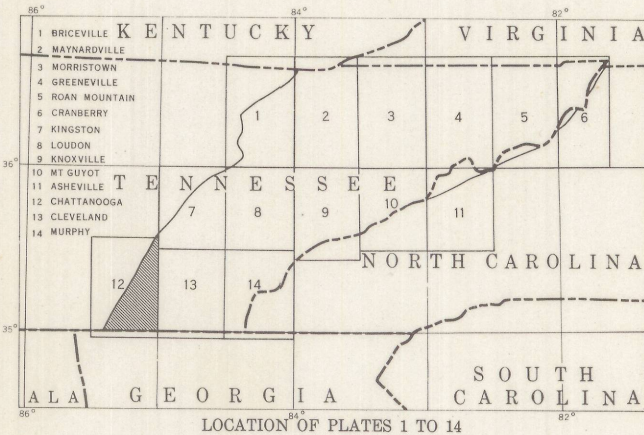




EXPLANATION

- 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
- Och 4  
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
- Cn  
Sandstone-bearing member of Rome formation
- Cra  
Apison member of Rome formation
- Contact
- Fault
- Doubtful or probable fault
- Well showing location  
The first number indicates the number within the county,  
the second the well number in group
- Spring showing location
- For master explanation see plate 11



Base compiled and materials assembled by C. H. Heine,  
G. O. DeBuchanan 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. DeBuchanan,  
R. M. Richardson, and others of the U. S. Geological Survey

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

