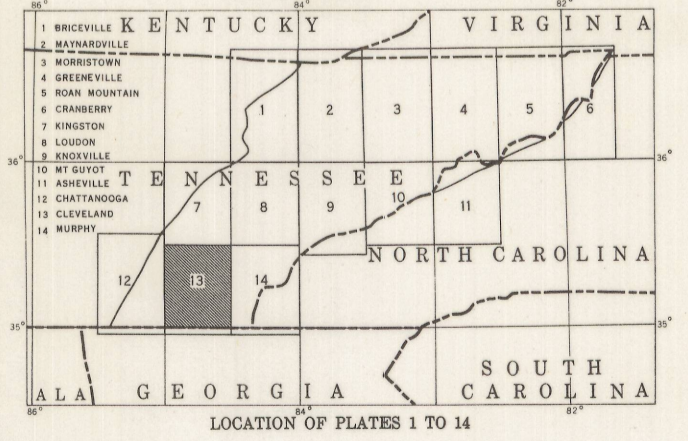




EXPLANATION

- | | | | |
|--|--|--|--|
| | Fort Payne chert | | Shady dolomite |
| | Chattanooga shale | | Hesse sandstone |
| | Rockwood formation | | Murray shale |
| | Sequatchie formation | | Nebo sandstone |
| | Reedsville shale | | Nichols shale |
| | Chickamauga limestone, unit 4 | | Cochran conglomerate |
| | Lower and middle parts of Chickamauga limestone | | Sandsuck shale |
| | Otosee shale | | Fine-grained part of Otosee series |
| | Holston formation | | Great Smoky conglomerate |
| | Lenoir limestone | | Contact |
| | Athens shale | | Fault |
| | Knox dolomite or group, undivided | | Well showing location
<i>The first number indicates the number within the county, the second the well number in group</i> |
| | Masot dolomite | | Spring showing location |
| | Kingsport formation | | For master explanation see plate 11 |
| | Newala formation | | |
| | Longview dolomite | | |
| | Chepotepec dolomite | | |
| | Chepotepec, Longview, and Newala formations, undivided | | |
| | Copper Ridge dolomite | | |
| | Conasauga shale or group, undivided | | |
| | Maynardville limestone | | |
| | Notchucky shale | | |
| | Rome formation | | |
| | Sandstone-bearing member of Rome formation | | |
| | Apison member of Rome formation | | |



Base compiled and materials assembled by C. H. Heins,
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: CLEVELAND
SHOWING LOCATION OF WELLS AND SPRINGS

Scale 1:125,000

0 5 10 Miles