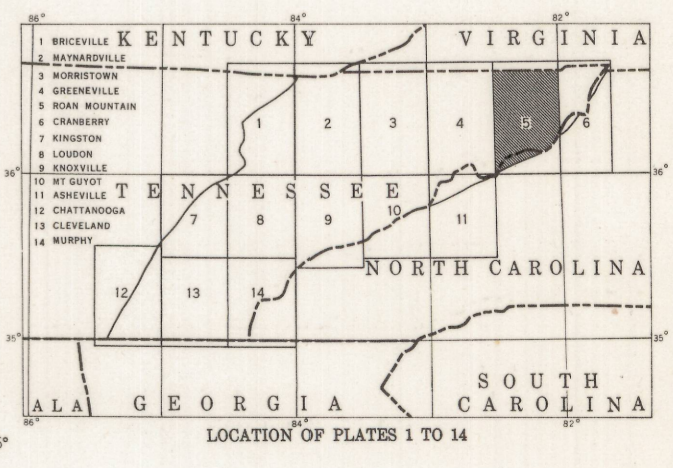
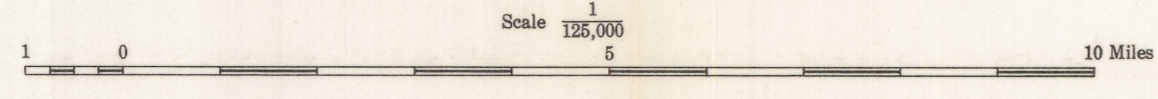


EXPLANATION

- Pennington formation
 - Newman limestone
 - Sevier shale
 - Knox dolomite or group, undivided
 - Mascot dolomite
 - Kingsport formation
 - Longview dolomite
 - Chepustep dolomite
 - Jonesboro limestone
 - Copper Ridge dolomite
 - Conococheague limestone
 - Upper Cambrian part of Conasauga group
 - Middle Cambrian part of Conasauga group
 - Honaker dolomite
 - Rome formation
 - Shady dolomite
 - Erwin formation
 - Hampton formation
 - Unicoi formation
 - Ocoee series, undivided
 - Sanduck shale
 - Snowbird formation
 - Pre-Cambrian crystalline complex
 - Contact
 - Fault
 - Doubtful or probable fault
 - 40-1
 - 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



GEOLOGIC MAP OF EAST TENNESSEE: ROAN MOUNTAIN
SHOWING LOCATION OF WELLS AND SPRINGS



Base compiled and materials assembled by C. H. Heins, G. D. DeBuchanne 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. DeBuchanne, R. M. Richardson, and others of the U. S. Geological Survey.