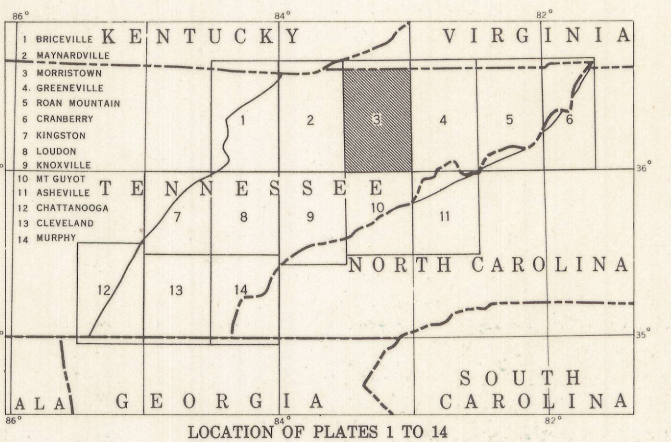


EXPLANATION

	Pennington formation		Copper Ridge dolomite
	Newman limestone		Conasauga shale or group, undivided
	Grainger Formation		Maynardville limestone
	Basal Mississippian and Devonian shale		Nolichucky shale
	Hancock limestone		Upper Cambrian part of Conasauga group
	Silurian sandstone and shale, undivided		Maryville limestone
	Clinch sandstone		Rogersville shale
	Sequatchie formation		Rutledge limestone
	Juniata formation		Rutledge, Rogersville, and Maryville formations, undivided
	Reedsville shale		Pumpkin Valley shale
	Chickamauga limestone, unit 4		Middle Cambrian part of Conasauga group
	Martinsburg shale		Honaker dolomite
	Lower and middle parts of Chickamauga limestone		Rome formation
	Moccasin formation		Contact
	Bays formation		Fault
	Chickamauga limestone, unit 2		Fault, dashed where approximately located
	Chickamauga limestone, unit 1		Well showing location The first number indicates the number within the county, the second the well number in group
	Lenoir limestone		Spring showing location 40-7
	Sevier shale		For master explanation see plate 11
	Knox dolomite or group, undivided		
	Mascot dolomite		
	Kingsport formation		
	Newala formation		
	Longview dolomite		
	Chepultee dolomite		
	Chepultee, Longview, and Newala formations, undivided		



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.

**GEOLOGIC MAP OF EAST TENNESSEE: MORRISTOWN
SHOWING LOCATION OF WELLS AND SPRINGS**

