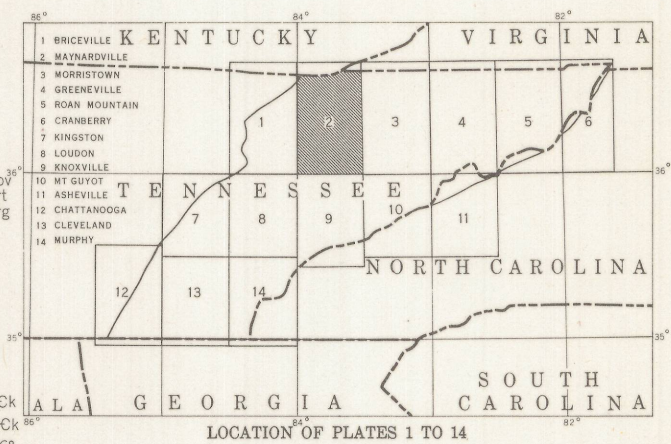
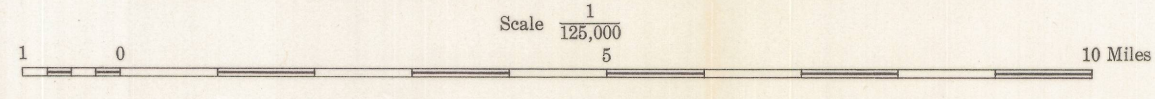


EXPLANATION

	Paleozoic intrusive rocks		Chepultepec dolomite
	Pennsylvanian rocks, undifferentiated		Chepultepec, Longview, and Newala formations, undivided
	Pennington formation		Copper Ridge dolomite
	Newman limestone		Conasauga shale or group, undivided
	Fort Payne chert		Maynardville limestone
	Grainger Formation		Nollebuckey shale
	Chattanooga shale		Upper Cambrian part of Conasauga group
	Basal Mississippian and Devonian shale		Maryville limestone
	Hancock limestone		Rogersville shale
	Rockwood formation		Rutledge limestone
	Silurian sandstone and shale, undivided		Rutledge, Rogersville, and Maryville formations, undivided
	Clinch sandstone		Pumpkin Valley shale
	Sequatchie formation		Middle Cambrian part of Conasauga group
	Junata formation		Rome formation
	Reedsville shale		Contact
	Chickamauga limestone, unit 4		Fault
	Martinsburg shale		Doubtful or probable fault
	Lower and middle parts of Chickamauga limestone		Well showing location
	Chickamauga limestone, unit 3		Spring showing location
	Chickamauga limestone, unit 8		For master explanation see plate 11
	Moccasin formation		
	Chickamauga limestone, unit 2		
	Ottoese shale		
	Chickamauga limestone, unit 1		
	Holston formation		
	Lenoir limestone		
	Knox dolomite or group, undivided		
	Mascot dolomite		
	Kingsport formation		
	Newala formation		
	Longview dolomite		



GEOLOGIC MAP OF EAST TENNESSEE: MAYNARDVILLE
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. 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. DeBuchanne, R. M. Richardson, and others of the U. S. Geological Survey.