

EXPLANATION

	Pennington formation		Rutledge, Rogersville, and Maryville formations, undivided
	Newman limestone		Pumpkin Valley shale
	Grainger Formation		Middle Cambrian part of Conasauga group
	Basal Mississippian and Devonian shale		Honaker dolomite
	Clinch sandstone		Rome formation
	Juniata formation		Shady dolomite
	Martinsburg shale		Erwin formation
	Lower and middle parts of Chickamauga limestone		Hampton formation
	Moccasin formation		Unicoi formation
	Bays formation		Ocoee series, undivided
	Chickamauga limestone, unit 2		Sandusky shale
	Chickamauga limestone, unit 1		Snowbird formation
	Sevier shale		Pre-Cambrian crystalline complex
	Knox dolomite or group, undivided		Contact
	Mascot dolomite		Fault
	Kingsport formation		Well showing location <i>The first number indicates the number within the county, the second the well number in group</i>
	Newala formation		Spring showing location
	Longview dolomite		For master explanation see plate 11
	Chepultepec dolomite		
	Jonesboro limestone		
	Copper Ridge dolomite		
	Conococheague limestone		
	Maynardville limestone		
	Nolichucky shale		
	Upper Cambrian part of Conasauga group		

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

Scale 1:125,000
0 5 10 Miles

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

