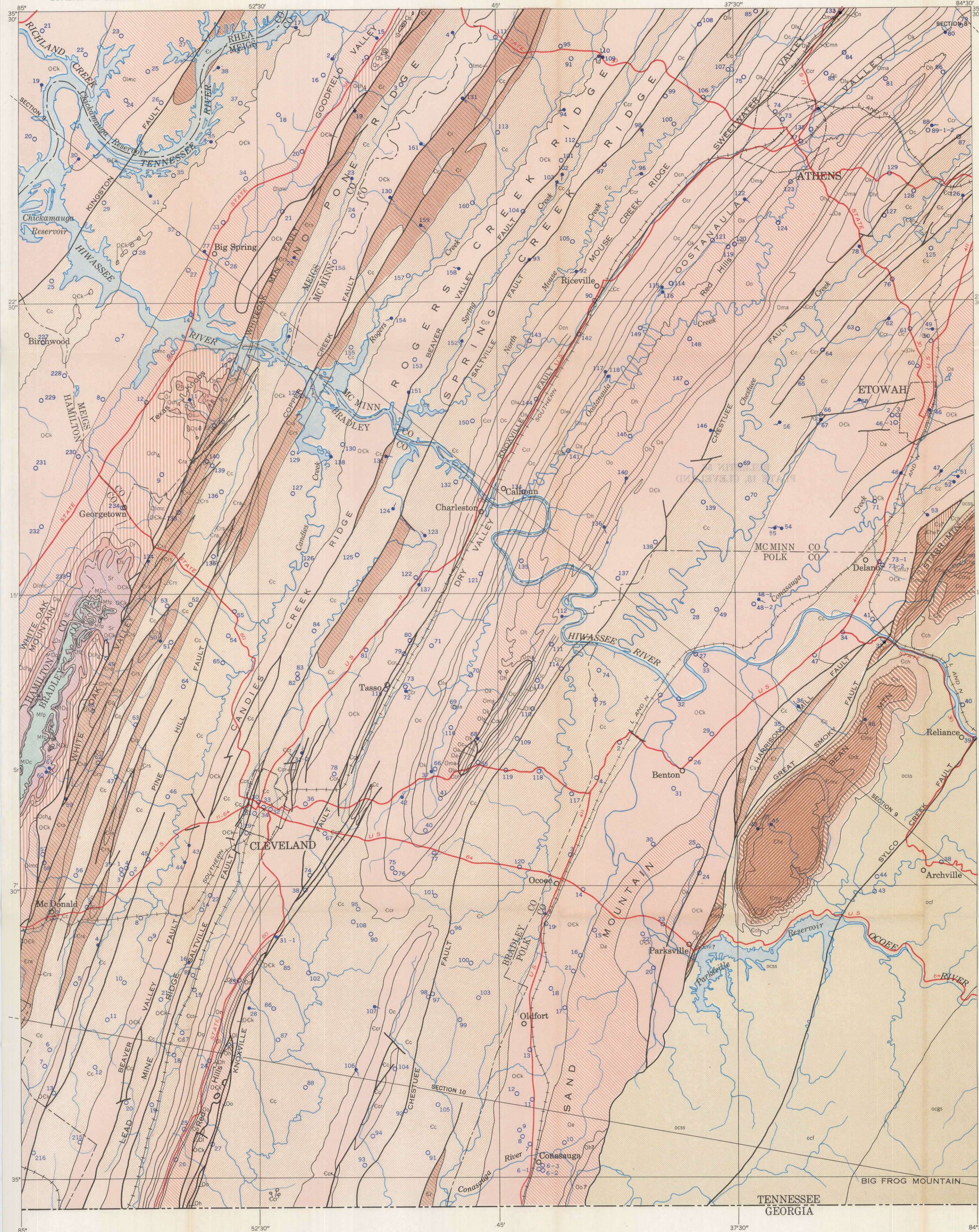
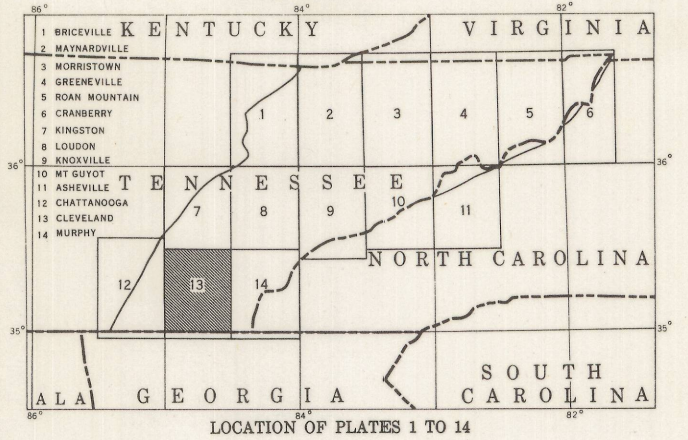




EXPLANATION

	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 The first number indicates the number within the county, the second the well number in group
	Masot dolomite		Spring showing location
	Kingsport formation		For master explanation see plate 11
	Newala formation		
	Longview dolomite		
	Chepultepec dolomite		
	Chepultepec, Longview, and Newala formations, undivided		
	Copper Ridge dolomite		
	Conasauga shale or group, undivided		
	Maynardville limestone		
	Noelshucky 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. 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

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

