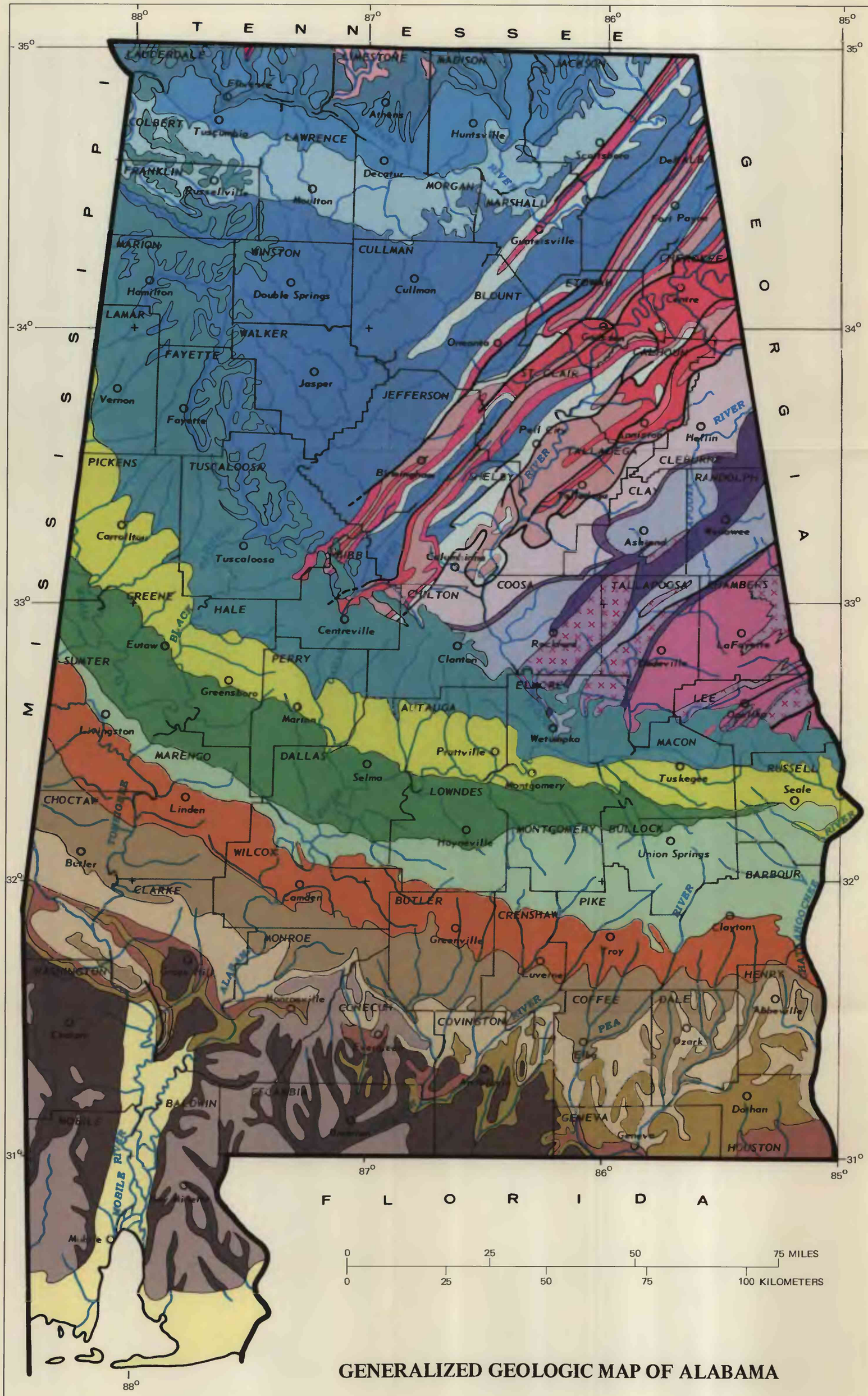
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with the
GEOLOGICAL SURVEY OF ALABAMA

WATER SUPPLY PAPER 2083
PLATE 2



GENERALIZED GEOLOGIC MAP OF ALABAMA

EXPLANATION

Alluvial and terrace deposits	Pleistocene and Recent	QUATERNARY	CENOZOIC
Citronelle Formation	Pliocene and Pleistocene		
Miocene undifferentiated: Catahoula Sandstone and Paynes Hammock Sand	Miocene	TERTIARY	
Oligocene undifferentiated: Chickasawhay Limestone and Vicksburg Group	Oligocene		
Jackson Group: Yazoo Clay, Ocala Limestone, and Moodys Branch Formation	Eocene		
Claiborne Group: Gasport Sand and Lisbon and Tallahatta Formations			
Wilcox Group: Hatchetigbee Formation, Tuscahoma Sand, and Nanafalia Formation			
Midway Group: Naheola Formation, Porters Creek Clay, and Clayton Formation	Paleocene		
Selma Group: Providence Sand, Prairie Bluff Chalk, and Ripley Formation		UPPER CRETACEOUS	MESOZOIC
Selma Group: Demopolis Chalk, Mooreville Chalk, and Blufftown Formation			
Eutaw Formation and McShan Formation restricted			
Tuscaloosa Group (Coker and Gordo Formations in western Alabama)			
Pottsville Formation		PENNSYLVANIAN	PALEOZOIC
Pennington Formation, Bangor Limestone, Hartselle Sandstone, Gasper Formation, and Ste. Genevieve Limsetone		MISSISSIPPIAN	
Tuscumbia Limestone			
Fort Payne Chert and Maury Formation (includes Chattanooga Shale of Devonian age where present)			
Mississippian rocks undifferentiated (in places includes rocks of Devonian, Silurian, and Late Ordovician age)			
Wayne Group correlatives		SILURIAN AND ORDOVICIAN	
Silurian and Ordovician rocks (in places includes rocks of Devonian and Mississippian age)			
Chickamauga Limestone		ORDOVICIAN	
Upper Cambrian and Lower Ordovician rocks (chiefly rocks of Knox Group)		CAMBRIAN AND ORDOVICIAN	
Shady Dolomite and Rome and Conasauga Formations			
Lower Cambrian quartzites and slates		CAMBRIAN	
Paleozoic metasediments		PRECAMBRIAN(?) TO PALEOZOIC(?) (Metamorphic and igneous rocks of uncertain age and stratigraphic position in Piedmont area)	
Hillabee Chlorite Schist			
Kyanite, garnet, graphite, and mica schist, and biotite gneisses			
Sericite, graphite, and garnet phyllites			
Granites and granite gneisses			
Biotite schist and gneiss, hornblende gneiss and granite gneisses			
Hollis Quartzite and Chewacia Marble			

Contact

Fault, dashed where inferred

Modified from U.S. Geological Survey, 1932, Geologic map of the United States

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