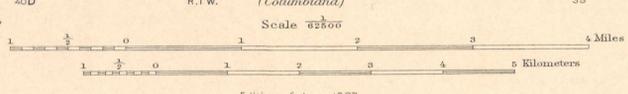


EXPLANATION		
SEDIMENTARY ROCKS		
Recent	Quaternary	<p>Alluvium (flood-plain deposits of present streams)</p> <p>Qal</p>
Pennsylvanian		<p>Pottsville formation (sandstone, conglomerate, shale, and coal beds; Shady, C, Pine, Co, Chestnut, Co, Rocky Ridge, Co, Wolf Ridge, Co, and Strawn, Co; sandstone members, and Strawn, Co, conglomerate member)</p> <p>Cpv</p>
Mississippian	Carboniferous	<p>Parkwood formation (gray shale and sandstone)</p> <p>Cpw</p>
		<p>Floyd shale (black or gray shale, some gray granular and impure shaly limestone, and much fine-grained gray and green sandstone)</p> <p>Cf</p>
		<p>Fort Payne chert (chert and limestone)</p> <p>DCc</p>
		<p>Chattanooga shale and Frog Mountain sandstone (Chattanooga shale, black shale of Upper Devonian or early Carboniferous age, unconformable on Frog Mountain sandstone; gray sandstone of Onondaga (Middle Devonian) age; Chattanooga shale absent to pieces east of Cahaba Valley)</p> <p>Olo</p>
		<p>Little Oak limestone (lower part thick-bedded and dark; upper part thin-bedded, argillaceous, and contains some chert; of late Chazy age)</p> <p>Oa</p>
		<p>Athens shales (black shaly shale; of Chazy age)</p> <p>Oi</p>
		<p>Lenoir and Mosheim limestones (crystalline and thick-bedded dark-gray limestone of Stones River (lower Chazy) age; absent in southern corner)</p> <p>On</p>
		<p>Odenville and Newala limestones (mainly pure fine-grained dove-colored brittle limestone and some dolomite; of Beekmantown age)</p> <p>Olv</p>
		<p>Longview limestone (cherty gray limestone and dolomite; of Beekmantown age)</p> <p>EOc</p>
		<p>Chepotee dolomite (dolomite with soft numerous fossiliferous chert)</p> <p>EOcr</p>
		<p>Copper Ridge dolomite (chiefly dolomite with much very tough, angular chert)</p> <p>EOk</p>
		<p>Ketona dolomite (thick-bedded, light-gray coarse-grained dolomite of great purity)</p> <p>EO</p>
		<p>Rome ("Montevallo") formation (purple and green shale with some limestone and sandstone and a persistent bed of calcareous sandstone at top)</p> <p>ush</p>
		<p>Shale of unknown age (soft grayish shale or disintegrated slate locally overlain, apparently by overthrust, the Newala limestone, may belong to Talladega, Weimer, Rome, or Coahuila formation)</p>

		<p>Known fault</p> <p>Probable fault</p> <p>Concealed fault (covered by younger deposits)</p>
		<p>Axes of anticlines and synclines</p> <p>* Ozarkian of E. O. Ulrich</p>

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Topography by W. M. Beaman, R. H. Reineck, and C. C. Gardner.
Control by Coast and Geodetic Survey and C. B. Kendall.
Surveyed in 1906.



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Surveyed in 1906-1910.