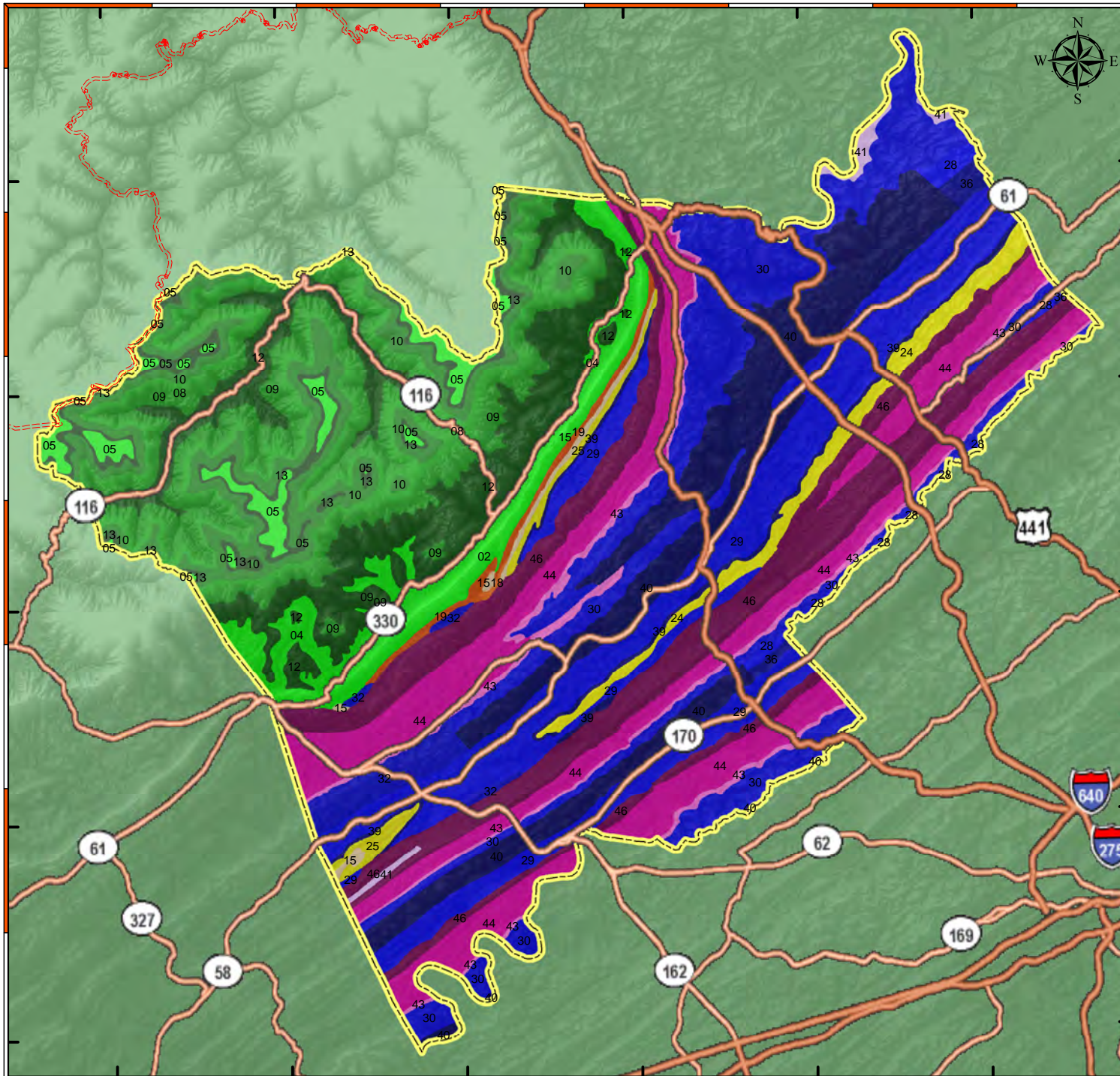
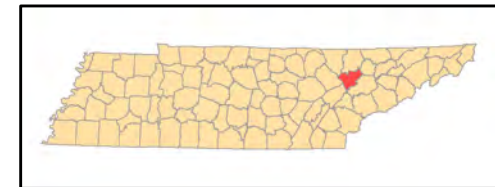


Anderson County Geological Formation



Anderson County is in northwestern East Tennessee. The county's northwestern third is part of Cumberland Mountains, a major subregion of the northern half of the Cumberland Plateau. Nearly level beds of Pennsylvanian-age sandstones, shales, and minable coal seams make up the stratigraphic units in this area. The southeastern two-thirds of the county is in the Valley and Ridge. Highly faulted and folded beds of dolomites, limestones, sandstones, and shales ranging from Cambrian to Mississippian in age underlie this part of the county. The general elevations on the crests of the ridges are 1,100 to 1,200 feet while valley floors average about 900 feet.

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Period	Formation	Color
Mississippian Period	01 Alluvial Deposits	Light Green
	02 Crab Orchard Mountains & Gizzard Groups	Light Green
	03 Crab Orchard Mountains Group	Light Green
	04 Crooked Fork Group	Light Green
	05 Cross Mountain Formation	Light Green
	06 Fentress Formation	Light Green
	07 Gizzard Group	Light Green
	08 Graves Gap Formation	Light Green
	09 Indian Bluff Formation	Light Green
	10 Red oak Mountain Formation	Light Green
	11 Redcastle Conglomerate	Light Green
	12 Slatestone Formation	Light Green
	13 Vowell Mountain Formation	Light Green
	14 Bangor Limestone	Light Green
	15 Fort Payne Formation	Light Green
	16 Grainger Formation	Light Green
	17 Montezuma Limestone	Light Green
	18 Newman Limestone	Light Green
	19 Persimmon Formation	Light Green
	20 St. Louis Limestone	Light Green
	21 Chattanooga Shale	Light Green
	22 Sneedville Limestone	Light Green
Cambrian Period	23 Brassfield Formation	Yellow
	24 Clinch Sandstone	Yellow
	25 Rockwood Formation	Yellow
	26 Bigby Cannon Limestone	Light Blue
	27 Carters Limestone	Light Blue
	28 Chepultepec Dolomite	Light Blue
	29 Chickamauga Group	Light Blue
	30 Copper Ridge Dolomite	Light Blue
	31 Juniata Formation	Light Blue
	32 Knox Group	Light Blue
	33 Lebanon Limestone	Light Blue
	34 Longview Dolomite	Light Blue
Ordovician Period	35 Middle and Lower Parts of Chickamauga Group	Light Blue
	36 Newala Formation, Mascat Dolomite	Light Blue
	37 Pierce and Murfreesboro Limestones	Light Blue
	38 Ridley Limestone	Light Blue
	39 Sequatchie Formation	Light Blue
	40 Wells Creek Formation	Light Blue
	41 Conasauga Group	Light Blue
	42 Maryville Limestone	Light Blue
	43 Maynardville Limestone	Light Blue
	44 Nolichucky Shale	Light Blue
	45 Pumpkin Valley Shale	Light Blue
	46 Rome Foundation	Light Blue
Slurlian Period	23 Brassfield Formation	Yellow
	24 Clinch Sandstone	Yellow
	25 Rockwood Formation	Yellow