Explanation

- Geologic contact
- Thrust or reverse fault; sawteeth on upper plate, dashed where inferred, dotted where concealed
- U / D — Normal fault; U on upthrown side, D on downthrown side, dashed where inferred
- Fault for which sense of movement is unknown; dashed where inferred
- Fault; arrows show relative directional movement
- Nature of contact uncertain (may posibly be a fault or a stratigraphic contact)
- C — C' Line of cross section

		INTERIOR LOW PLATEAUS PROVINCE	APPALACHIAN PLATEAUS PROVINCE	VALLEY AND RIDGE PROVINCE (western part)	VALLEY AND RIDGE PROVINCE (easternpart)
QUATERNARY	HOLOCENE	Qalt Alluvial and low terrace deposits			
	PLEISTOCENE	Qt High terrace deposits			
PENNSYLVANIAN			Ppv Pottsville Formation $Ppv1_u$ Pottsville Formation (upper part) $Ppv1_l$ Pottsville Formation (lower part)	$Ppv2_u$ Pottsville Formation (upper part) $Ppv2_l$ Pottsville Formation (lower part) PMpw Parkwood Formation	
MISSISSIPPIAN		Mp Pennington Formation	Pmpwp Parkwood and Pennington Formations (undifferentiated)	Pmpwp Parkwood and Pennington Formations (undifferentiated) Mbm Bangor and Monteagle Limestones (undiff.)	Pzu Parkwood Formation and Floyd Shale (undifferentiated)
				Pzu Paleozoic Shale (undifferentiated) Mf Floyd Shale	Pzu Paleozoic Shale (undifferentiated) Mf Floyd Shale
		Mh Hartselle Sandstone Mm Monteagle Limestone		Mh Hartselle Sandstone Mm Monteagle Limestone	
			Mpm Pride Mountain Formation	Mpm Pride Mountain Formation	
		Mt Tuscumbria Limestone Mfp Fort Payne Chert	Mt Tuscumbria Limestone and Fort Payne Chert (undifferentiated)	Mtfp Tuscumbria Limestone and Fort Payne Chert (undifferentiated)	Mtfp Tuscumbria Limestone and Fort Payne Chert (undifferentiated)
DEVONIAN		Dc Chattanooga Shale		Dc Chattanooga Shale	Dcfm Chattanooga Shale and Frog Mountain Sandstone (undiff.) Dfm Frog Mountain Sandstone
SILURIAN		Su Silurian System (undifferentiated)	Srm Red Mountain Formation	Srm Red Mountain Formation	Srm Red Mountain Formation
ORDOVICIAN		Os Sequatchie Formation	Os Sequatchie Formation Olp Leipers Limestone Oi Inman Formation Oc Chickamauga Limestone Oca Attalla Chert Conglomerate Member of the Chickamauga Limestone Ong Nashville Group Onsvr Nashville and Stones River Group (undifferentiated) Osr Stone River Group (undifferentiated)	Os Sequatchie Formation Oscmg Sequatchie Formation, Colvin Mountain Sandstone, Greensport Formation (undifferentiated) Oc Chickamauga Limestone Oca Attalla Chert Conglomerate Member of the Chickamauga Limestone	Os Sequatchie Formation Oscmg Sequatchie Formation, Colvin Mountain Sandstone, Greensport Formation (undifferentiated) Ocm Colvin Mountain Sandstone Og Greensport Formation Oa Athens Shale Oal Athens Shale and Lenoir Limestone (undifferentiated) Olol Little Oak and Lenoir Limestones (undifferentiated) Olo Little Oak Limestone Olon Little Oak and Newala Limestones
			O€k Knox Group (undifferentiated in part) O€ccr Chepultepec and Copper Ridge Dolomites (undifferentiated)	O€ccr Chepultepec and Copper Ridge Dolomites (undiff.) O€k Knox Group (undiff. in part) €cr Copper Ridge Dolomite	On Newala Limestone Onlv Newala and Longview Limestone (undifferentiated) Ov Longview Limestone (undiff.) O€cor Chepultepec and Copper Ridge Dolomites (undifferentiated)
CAMBRIAN			€k Ketona Dolomite	€k Ketona Dolomite	
			€c Conasauga Formation	€c Conasauga Formation	€c/€cl Conasauga Formation €r Rome Formation €s Shady Dolomite €ch Chilhowee Group (undifferentiated) €wwr Weisner and Wilson Ridge €n Nichols Formation €cn Cochran Formation

(Reference 224)

FIGURE 2.5-209
Explanation of Geologic Map Units and Symbols, 25-Mile Radius