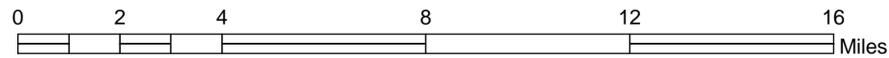


EXPLANATION

- Paleozoic:
- Pennsylvanian
  - Pottsville Formation (upper part), Valley and Ridge
  - Pottsville Formation (lower part), Valley and Ridge
  - Parkwood Formation
  - Parkwood Formation and Floyd Shale undifferentiated } Pennsylvanian and Mississippian
- Mississippian
  - Floyd Shale
  - Tuscumbia Limestone, Fort Payne Chert, and Maury Formation undifferentiated
- Devonian
  - Frog Mountain Sandstone
  - Red Mountain Formation
- Silurian
- Ordoevician
  - Sequatchie Formation
  - Sequatchie Formation, Colvin Mountain Limestone, Greensport Formation
  - Colvin Mountain Sandstone
  - Greensport Formation
  - Athens Shale
  - Paleozoic Shale undifferentiated\*
  - Little Oak and Lenoir Limestones undifferentiated
  - Little Oak Limestone
  - Little Oak and Newala Limestones undifferentiated
  - Newala Limestone
- Ordoevician-Cambrian
  - Knox Group undifferentiated
- Cambrian
  - Conasauga Formation
  - Conasauga Formation lower shale unit
  - Rome Formation
  - Shady Dolomite
  - Chilhowee Group undifferentiated
  - Weisner and Wilson Ridge Formations undifferentiated
  - Nichols Formation
  - Cochran Formation
  - Heflin Phyllite
- Devonian-Silurian
  - Lay Dam Formation

- Fault
- Thrust fault, sawteeth on hanging wall
- Geologic contact
- Other Symbols
  - Interstate Highway
  - United States Highway
  - State Highway
  - Limited access interstate
  - Highway
  - Major road
  - Cities
  - Township and Range
  - Groundwater assessment area
  - Calhoun County Water and Fire Protection Authority primary area of interest



**GEOLOGIC MAP OF CALHOUN COUNTY, ALABAMA  
AND LOCATIONS OF OHATCHEE AND ANNISTON BEACH  
GROUNDWATER ASSESSMENT AREAS**

*(geology modified from Geological Survey of Alabama, 2006)*

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2012



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State Geologist

\* Ordoevician Athens Shale; may include Mississippian Floyd Shale.