

**EXPLANATION**

Form lines in some tectonic units approximate trend of foliation

**TECTONIC UNITS**

- Valley and Ridge belt and Cumberland Plateau
- UNAKA BELT
- Buffalo Mountain thrust sheet
- Shady Valley thrust sheet
- Hot Springs and Hampton thrust sheets
- Limestone Cove, Doe River, and Doe Branch inner windows

**BLUE RIDGE BELT**

- Blue Ridge thrust sheet

**GRANDFATHER MOUNTAIN WINDOW**

- Table Rock thrust sheet
- Autochthonous (?) rocks

**ROCK UNITS**

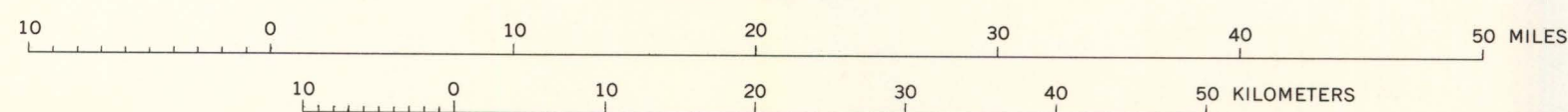
- Paleozoic plutonic rocks
- Paleozoic sedimentary rocks
- Chilhowee Group
- Ocoee Series
- Walden Creek Group
- Great Smoky Group
- Snowbird Group
- Precambrian plutonic rocks
- Precambrian metamorphic rocks

**Other Symbols:**

- Contact
- Thrust fault (Dashed where approximately located; sawteeth on upper plate)
- Fault (Dashed where approximately located; queried where doubtful. Arrows indicate relative horizontal movement)
- Brevard fault zone
- Inner Piedmont belt

**GEOLOGIC AND TECTONIC MAP OF THE BLUE RIDGE AND VALLEY AND RIDGE BELTS  
IN PARTS OF NORTH CAROLINA, TENNESSEE, AND SOUTHERN VIRGINIA**

SCALE 1:500 000



Blue Ridge and Unaka belts modified from a map compiled by P. B. King. Valley and Ridge belt modified from Rodgers (1953a) and Virginia Div. Mineral Resources (1963)