GENERALIZED GEOLOGIC MAP OF VIRGINIA

VALLEY AND RIDGE APPALACHIAN PLATEAUS

- PENNSYLVANIAN
- DEVONIAN-MISSISSIPPIAN
- ORDOVICIAN-SILURIAN
- CAMBRIAN

BLUE RIDGE

- MIDDLE-LATE PROTEROZOIC
- LATE PROTEROZOIC-CAMBRIAN

INTRUSIVE IGNEOUS ROCKS OF THE BLUE RIDGE AND PIEDMONT

LATE PROTEROZOIC TO MISSISSIPPIAN

- Granite, quartz monzonite, and granodiorite.
- Gabbro, diorite, and ultramafic rocks.

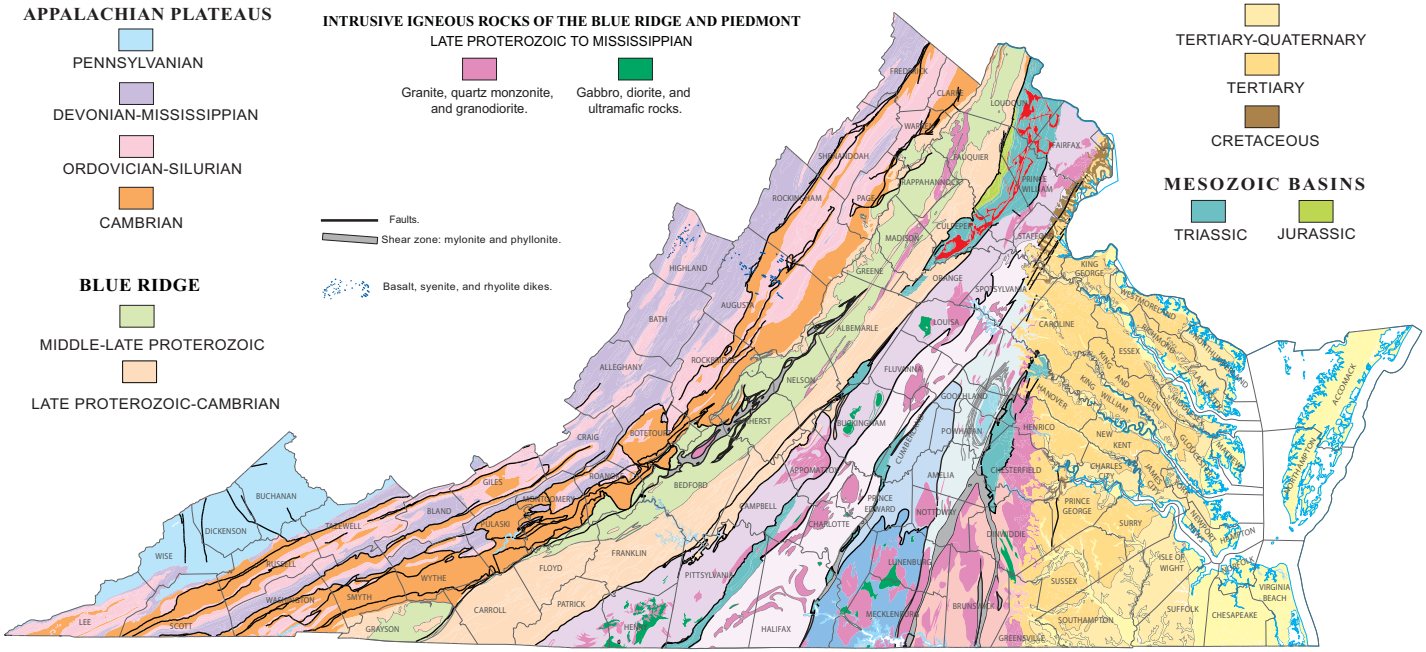
- Faults.
- Shear zone: mylonite and phyllonite.
- Basalt, syenite, and rhyolite dikes.

COASTAL PLAIN

- QUATERNARY
- TERTIARY-QUATERNARY
- TERTIARY
- CRETACEOUS

MESOZOIC BASINS

- TRIASSIC
- JURASSIC



PIEDMONT

WESTERN PIEDMONT

- CAMBRIAN-ORDOVICIAN

CENTRAL VIRGINIA VOLCANIC-PLUTONIC BELT

- CAMBRIAN-ORDOVICIAN

CAROLINA SLATE BELT

- CAMBRIAN

CENTRAL PIEDMONT

- PALEOZOIC ?

GOOCHLAND TERRANE

- MIDDLE PROTEROZOIC

EASTERN PIEDMONT

- PALEOZOIC ?