### SEDIMENTARY ROCKS
(Includes mixed sedimentary and volcanic rocks)

- **Quaternary**
- **Neogene**
- **Paleogene**
- **Cretaceous and Tertiary**
- **Cretaceous**
- **Mesozoic**
- **Lower Mesozoic (Triassic and Jurassic)**
- **Paleozoic and Mesozoic**
- **Paleozoic**
- **Cretaceous**
- **Upper Paleozoic (Pennsylvanian and Permian)**
- **Middle Paleozoic (Silurian, Devonian, and Mississippian)**
- **Lower Paleozoic (Cambrian and Ordovician)**
- **Late Proterozoic and lower Paleozoic**
- **Proterozoic**
- **Early Proterozoic**
- **Middle Proterozoic**
- **Late Proterozoic and lower Paleozoic**
- **Archean**

### VOLCANIC ROCKS

- **Quaternary**
- **Tertiary**
- **Neogene**
- **Paleogene**
- **Cretaceous and Tertiary**
- **Cretaceous**
- **Mesozoic**
- **Lower Mesozoic (Triassic and Jurassic)**
- **Paleozoic and Mesozoic**
- **Paleozoic**
- **Cretaceous**
- **Upper Paleozoic**
- **Middle Paleozoic**
- **Lower Paleozoic**
- **Late Proterozoic and lower Paleozoic**
- **Proterozoic**
- **Early Proterozoic**
- **Middle Proterozoic**
- **Late Proterozoic**
- **Archean**

### METAMORPHIC ROCKS
(Suffix "n" indicates gneisses and associated rocks)

- **Phanerozoic (amphibolite facies)**
- **Phanerozoic (blueschist facies)**
- **Paleozoic**
- **Late Proterozoic and lower Paleozoic**
- **Late Proterozoic**
- **Middle Proterozoic**
- **Early Proterozoic**
- **Archean**
- **Age uncertain**

### PLUTONIC ROCKS
(Suffix "g" indicates granitic rocks; "i," intermediate rocks; "m," mafic rocks; "u," ultramafic rocks; "a," anorthosite)

- **Tertiary**
- **Neogene**
- **Paleogene**
- **Cretaceous and Tertiary**
- **Cretaceous**
- **Mesozoic**
- **Lower Mesozoic (Triassic and Jurassic)**
- **Paleozoic and Mesozoic**
- **Upper Paleozoic**
- **Middle Paleozoic**
- **Lower Paleozoic**
- **Late Proterozoic and lower Paleozoic**
- **Proterozoic**
- **Early Proterozoic**
- **Middle Proterozoic**
- **Late Proterozoic**
- **Archean**
- **Age uncertain**

### Geologic symbols
- **Geologic contact**
- **Fault—Dashed where inferred**
- **Normal fault**
- **Thrust fault**
- **Low-angle detachment fault**
- **Strike-slip fault**

- **Wisconsin glacial limit**
- **Pre-Wisconsin glacial limit**

- **Glacier, river, or water body**