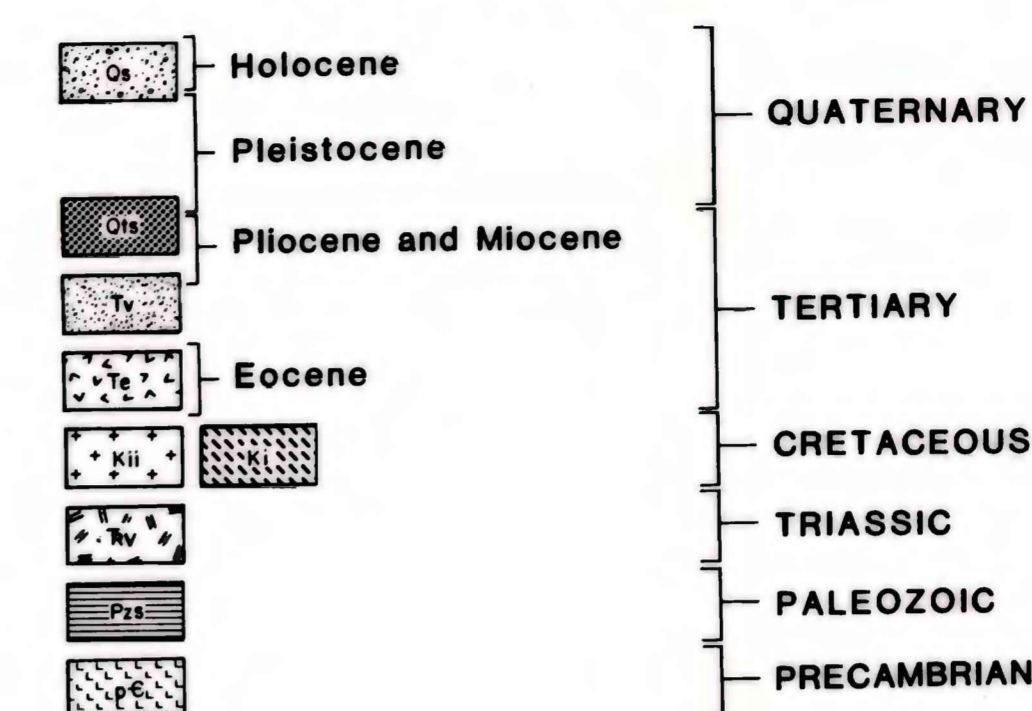


CORRELATION OF MAP UNITS

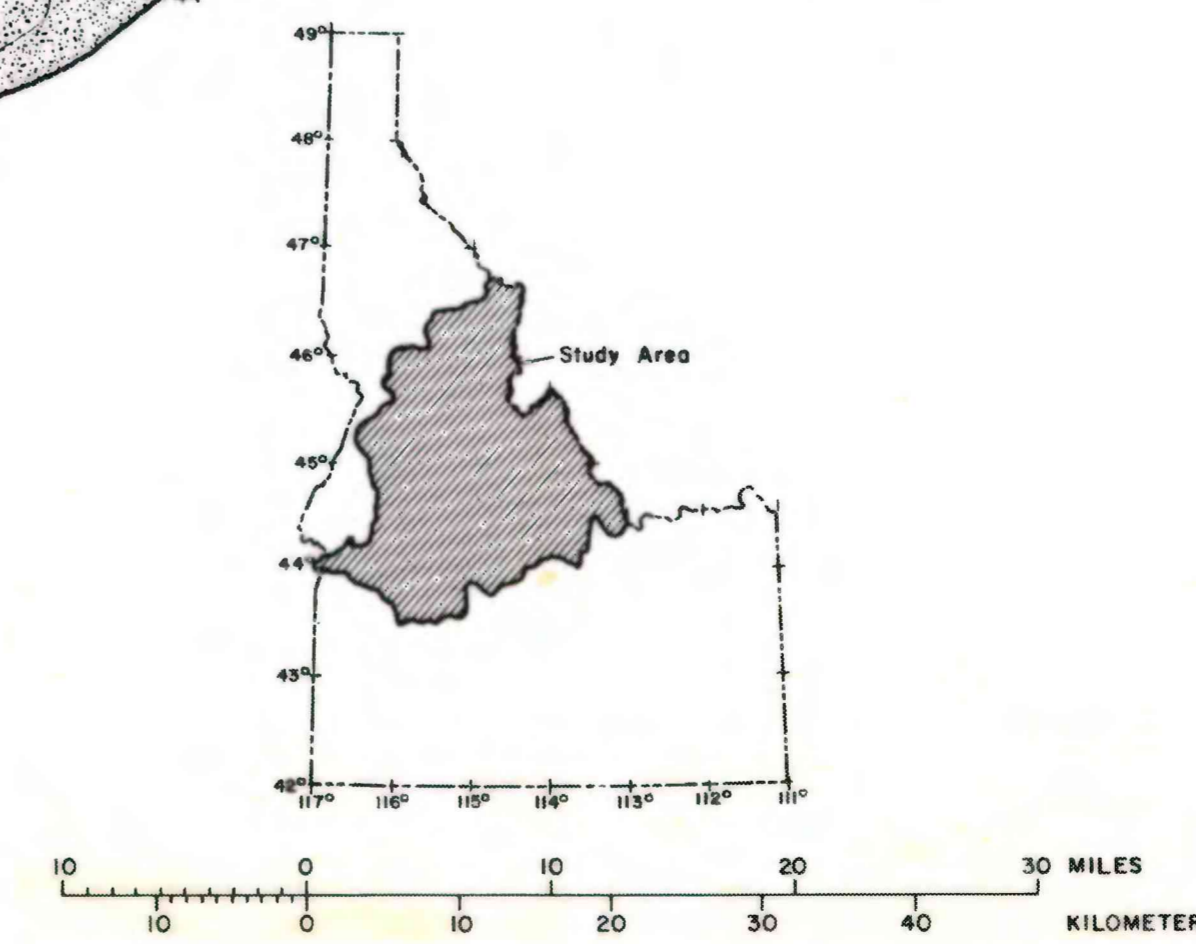


DESCRIPTION OF MAP UNITS

- QUATERNARY SEDIMENTARY ROCKS**—Clay, silt, sand, gravel, and boulders; chiefly unconsolidated surficial deposits of alluvium and colluvium; includes some glacial outwash and lake deposits
- QUATERNARY AND TERTIARY SEDIMENTARY ROCKS**—In the Payette River basin, poorly to well-sorted lacustrine and fluvial deposits of clay, silt, sand, and some gravel; compacted to poorly consolidated, includes Idaho Group of Miocene and Pliocene age and Payette Formation of Miocene and Pliocene(?) age. In the Salmon River basin, chiefly gravel, sand, and silt of older alluvial fans and terraces; well indurated and locally cemented with calcite and quartz
- TERTIARY VOLCANIC ROCKS**—Chiefly latite-andesite, basalt, related flows, tuff, and associated rocks of the Challis Volcanics. Includes Miocene basalt flows of the Columba River Basalt Group. In the southern part of Boise River basin, includes some Pliocene and Pleistocene basalt flows
- Eocene INTRUSIVE ROCKS**—Chiefly granitic plutons
- CRETACEOUS INTRUSIVE ROCKS**—Intrusive granitic rocks of the Idaho batholith; chiefly granodiorite or diorite
- CRETACEOUS METAMORPHOSED GRANITIC ROCKS**—Intrusive granitic rocks, associated with pluton margins and stress areas
- TRIASSIC METAVOLCANIC ROCKS**—Metabasalt and submarine volcanoclastics of the Seven Devils Group and related rocks, including sedimentary and intrusive rocks
- PALEOZOIC SEDIMENTARY ROCKS**—Predominantly limestone and dolomite with shale and sandstone zones
- PRECAMBRIAN METAMORPHIC AND SEDIMENTARY ROCKS**—Predominantly quartzite, but includes some high-grade metamorphic rocks
- FAULT**—Dashed where inferred, dotted where concealed
- THRUST FAULT**—Dashed where inferred or concealed
- TERTIARY DIKE SWARMS**
- GEOLOGIC CONTACT**
- STUDY AREA BOUNDARY**

Base from U.S. Geological Survey State base map, 1974

Geology modified from Bond, 1978



GENERALIZED GEOLOGY, IDAHO BATHOLITH AND ADJACENT AREAS, CENTRAL IDAHO