

DESCRIPTION AND CORRELATION OF ROCK UNITS

<p>Oal Quaternary alluvium</p> <p>QT Quaternary or Tertiary valley fill, includes colluvium, alluvium, probable lacustrine sediments</p> <p>Tcr Basalt lava flow remnant, probably Columbia River basalt</p> <p>Tb Breccia pipe. Minimum age uncertain; contains clasts of Idaho batholith and dike rocks</p> <p>Tr Rhyolite or rhyodacite dikes. Not mapped as individual bodies; limits of areas where abundant indicated on map. Probably youngest of Tertiary dikes</p> <p>Thb Irregular plutons of hornblende-biotite granite porphyry. Smaller bodies not mapped</p> <p>Tq Quartz latite and quartz latite porphyry dikes and small plutons. Smaller bodies not mapped</p> <p>Ta Andesite and granodiorite porphyry. Large dikes and irregular masses up to 1-1/2 by 8 miles in surface exposures. Most dikes not separately mapped.</p> <p>Td Diorite, small dikes and plutons, mostly porphyritic. Most dikes not separately mapped.</p>	<p>Pleistocene and Holocene</p> <p>Miocene, (and Pliocene?), Pleistocene, and Holocene</p> <p>Miocene (?)</p> <p>Oligocene (?)</p> <p>Eocene (and Oligocene?)</p> <p>Upper Cretaceous</p> <p>Age unknown</p>	<p>Tertiary and Quaternary</p> <p>Tertiary</p> <p>Mesozoic</p>
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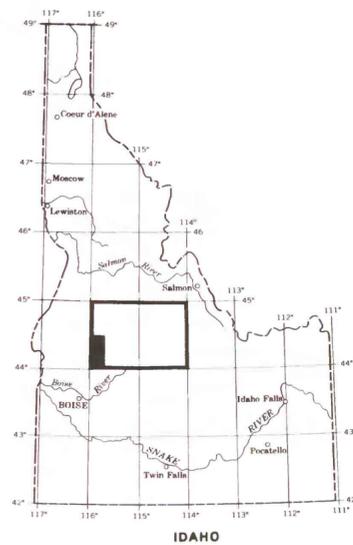
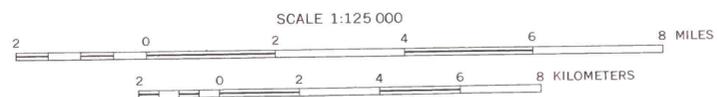
Kg Kgd Rocks of the Idaho batholith. Kgd, biotite granodiorite; includes Kgdf, fine-grained facies, and Kgdb, border facies. Kg, muscovite-biotite granite, includes Kgf, fine-grained facies, and Kgb, border facies

Gn Gneissic (meta-igneous) xenolith in Kgd

Symbols

- Contacts - Approximately located; dashed between main and border facies
- Lineaments - prominent linear valleys, probably developed on faults
- Mines and prospects - Metallic mineral deposits referred to in text

- x¹ Little Falls deposit
- x² Cumo prospect
- x³ Comeback mine
- 4x Missouri mine



GEOLOGIC MAP OF THE BOILING SPRINGS AND GARDEN VALLEY QUADRANGLES, BOISE AND VALLEY COUNTIES, IDAHO

By
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1984

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.