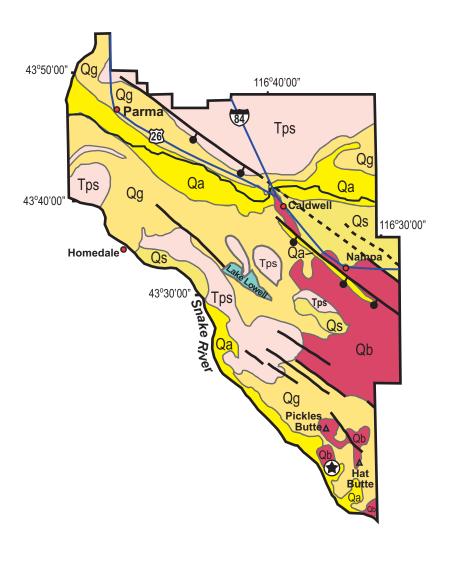
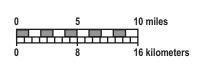
Canyon County, Idaho









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Canyon County

Canyon County is entirely on the Snake River Plain, between the Snake River on the south and the foothills of the central Idaho Mountains on the north. Much of the county is underlain by Quaternary alluvium of the Boise River and Pleistocene gravel from glacial outwash. This gravel forms high benches above the Boise River.

Several normal faults run northwest through the county, parallel with the northern boundary of the western Snake River Plain. Miocene lake beds make up the foothills on the northern boundary of the county.

Quaternary basalt covers the southeastern section of the county. Miocene and Pliocene lake beds of the Glenns Ferry and Chalk Hills formation are found on the bluffs north of the Snake River.

Also see the report by Othberg and Gillerman on the geology of the Boise Valley.

P.K. Link, 10/02

Descripton of Units for Canyon County, Idaho

- Qa Quaternary alluvial deposits
- Qg Quaternary gravels; forming terraces above modern stream levels, mainly mapped on western Snake River Plain. Unit generally represents detrital glacio-fluvial systems.
- Qs Quaternary surficial cover, including colluvium, fluvial, alluvial fan, lake, and windblown deposits. Included fluveolian cover on Snake River Plain, (Snake River Group).
- Pleistocene basalt lava, 2 million to 12,000 years old, flows have some vegetation and surface weathering.
- Pliocene and Upper Miocene stream and lake deposits (Salt Lake Formation, Starlight Formation, Idaho Group).

Symbols Geologic unit contacts with unit Overturned anticline: trace of axial designation. plane. Normal fault: certain; dashed where Overturnedsyncline: trace of axial approximately located; dotted where concealed. Location of ISU Rockwalk rock Thrust fault: certain; dashed where from each county. approximately located; dotted where concealed. Cities Detachment fault: certain; dashed Feature location **U ...!!.** where approximately located; dotted where concealed. Roads Anticline: trace of axial plane: large Interstate Route arrow indicates direction of plunge. U.S. Route Syncline: trace of axial plane: large arrow indicates direction of plunge. 1) State route