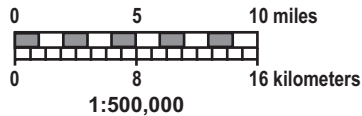
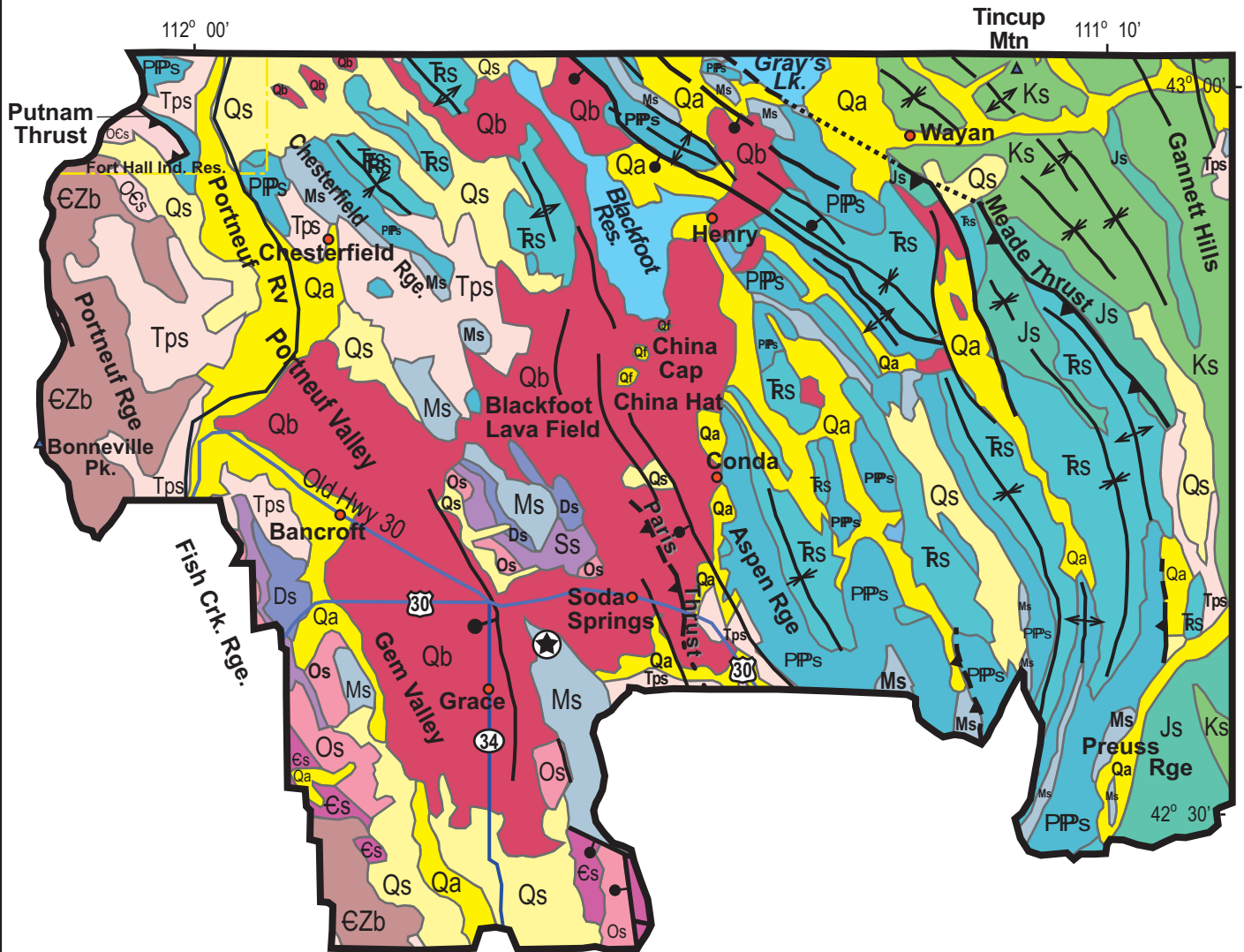


Caribou County, Idaho



Caribou County

Caribou County has the forested mountains of the Idaho-Wyoming thrust belt on its eastern side, and the wide Bear Lake and Gem valleys on its west, part of the Basin and Range province. Pleistocene volcanic rocks, mainly basalts, fill the Blackfoot Lava field and much of Gem Valley to the west. China Hat and China Cap are Pleistocene rhyolite domes. Phosphate mining still controls the economy of Caribou County, with active mines operated by Simplot, FMC, Monsanto, and Agrium between Soda Springs and Afton, Wyoming.















For more information see geology text from Rocks, Rails and Trails (page 83). Also see the Fortsch and Link field trip from "Geologic Guidebook to Eastern Idaho" ("Regional Geology and Fossil Sites from Pocatello to Montpelier, Feedom, and Wayan, Southeastern Idaho and Western Wyoming", page 281).

P.K. Link, 10/02

Description of Units for Caribou County, Idaho

Qa	Quaternary alluvial deposits
Qs	Quaternary surficial cover, including colluvium, fluvial, alluvial fan, lake, and windblown deposits. Included fluveolian cover on Snake River Plain, (Snake River Group).
Qb	Pleistocene basalt lava, 2 million to 12,000 years old, flows have some vegetation and surface weathering.
Tps	Pliocene and Upper Miocene stream and lake deposits (Salt Lake Formation, Starlight Formation, Idaho Group).
Ks	Cretaceous sedimentary rocks.
Js	Jurassic sedimentary rocks.
Rs	Triassic sedimentary rocks.
PPs	Permian and Pennsylvanian sedimentary rocks.
Ms	Mississippian sedimentary rocks.
Ss	Silurian sedimentary rocks.
Ds	Devonian sedimentary rocks.
Os	Ordovician sedimentary rocks.
OEs	Ordovician and Cambrian sedimentary rocks.
Cs	Cambrian sedimentary rocks.
EZb	Cambrian to Neoproterozoic Brigham Group.

Symbols

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