

CORRELATION OF MAP UNITS

Table correlating map units with geological time periods. It lists units such as Quaternary (Qa, Qm), Tertiary (Tt, Tm), Cretaceous (Ck, Cj), Jurassic (Jm, Jc), Triassic (Tm, Tc), Permian (Pm, Pc), Pennsylvanian (Pm, Pp), Mississippian (Mm, Mp), Cambrian (Cm, Cp), and Precambrian (Pc).

DESCRIPTION OF MAP UNITS

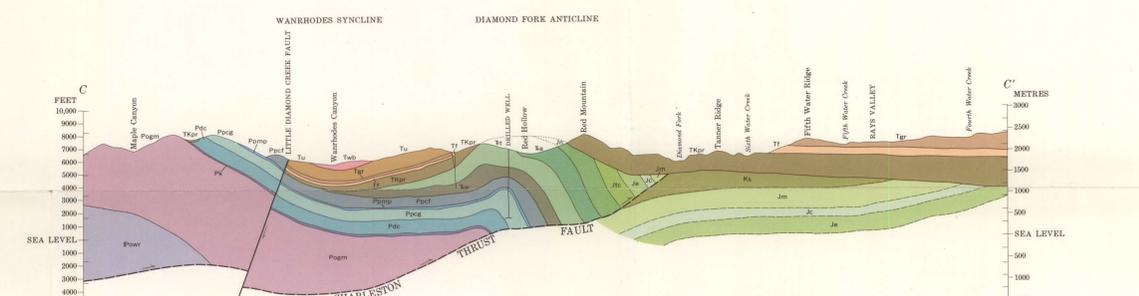
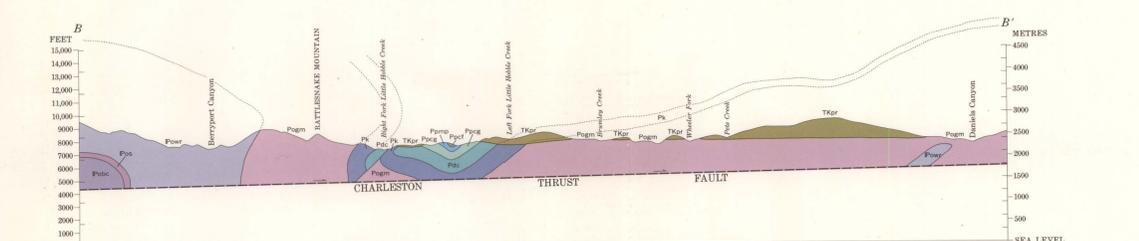
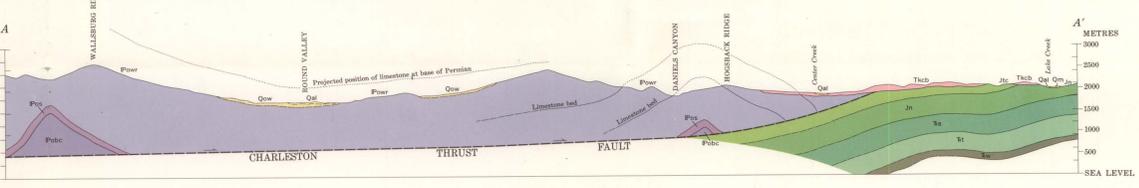
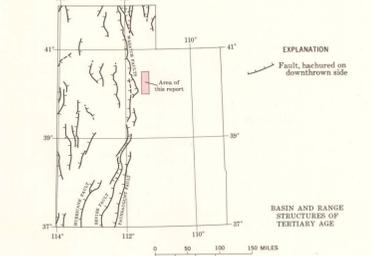
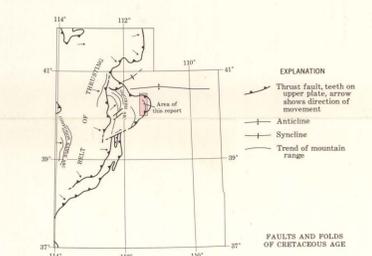
- Surficial deposits: Valley fill, glacial moraines, river terraces, volcanic tuffs, breccias, and plugs.
Landslide deposits: Valley fill.
Glacial moraines: Deposits on river terraces and pediment surfaces.
Volcanic tuffs and breccias: Keetley Volcanics (Oligocene), Wanhodes Volcanics (Oligocene), and volcanic plugs (Quartz diorite).

SEDIMENTARY ROCKS

- UNITA FORMATION (EOCENE): Interbedded red and gray siltstone and shale.
GREEN RIVER FORMATION (EOCENE): Shale, light gray to green, in part silty or limy.
FLAGSTAFF LIMESTONE (EOCENE AND PALEOGENE): Limestone, fossiliferous, gray to light red.
PRICE RIVER FORMATION (PALEOGENE TO UPPER CRETACEOUS): Buff to light-gray sandstone, siltstone, and shale.
SANPETE FORMATION (UPPER CRETACEOUS): Buff to light-gray sandstone, siltstone, and shale.
MORRISON FORMATION (UPPER JURASSIC): Greenish-gray and lavender shale.
CURTIS FORMATION (UPPER JURASSIC): Greenish-gray sandy shale and gray sandstone.
ENTRADA SANDSTONE (UPPER JURASSIC): Light-chocolate-brown sandstone.
TWIN CREEK LIMESTONE (UPPER AND MIDDLE JURASSIC): Shale, calcareous, gray to yellowish-gray.
NUGGET SANDSTONE (JURASSIC): Light-gray to orange-brown and red sandstone.
ANKAREH FORMATION (UNDIVIDED): Upper unit (UPPER TRIASSIC) and Middle unit (UPPER TRIASSIC).
PARK CITY AND PHOSPHORIA FORMATIONS (PERMIAN): Franson Member, Meade Peak, Grandeur Member, Diamond Creek Sandstone, Kiekman Limestone, Ogilvie Formation, and Granger Mountain Member.
WALKER MOUNTAIN MEMBER (LOWER PERMIAN): Gray limy, silty, tan-weathering sandstone.
WALLSBERG RIDGE MEMBER (UPPER PENNSYLVANIAN): Limestone, gray to pink.
SHINGLE MOUNTAIN MEMBER (MIDDLE PENNSYLVANIAN): Dark gray, thin-bedded limestone.

MAP SYMBOLS

- Limestone marker beds: Dashed line.
Contact: Dashed line with dots.
Fault: Dashed line with bar and ball.
Thrust fault: Dashed line with bar and ball, showing dip.
Synclinal axis: Dotted line.
Strike and dip of beds: Arrow and number.
Normal: Arrow pointing down.
Overturned: Arrow pointing up.
Vertical: Vertical line.
Dry hole drilled for oil: Circle with cross.



GEOLOGIC MAP OF THE WEST HALF OF THE STRAWBERRY VALLEY QUADRANGLE, UTAH

By Arthur A. Baker 1976

Field mapping on an enlargement of U.S. Geological Survey Strawberry Valley 30-minute quadrangle 1967... Geology mapped mainly in 1967 and 1968 with the collaboration of N. Brantano, C. D. Love, R. J. Howell, J. E. Dennis, and W. L. Stokes.

For sale by Branch of Distribution, U.S. Geological Survey, Box 2528, Federal Center, Denver, CO 80225. Explanatory pamphlet accompanies map.