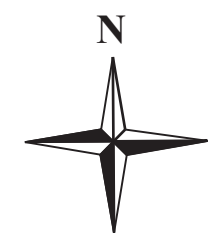


Utah Geological Survey
Water Resource Bulletin 29
Plate 1
2002

Compiled Geologic Map of the
Kamas-Coalville Region,
Summit County, Utah

compiled by H. A. Hurlow

Main source of compilation is Bryant (1990);
see plate 2 for other sources



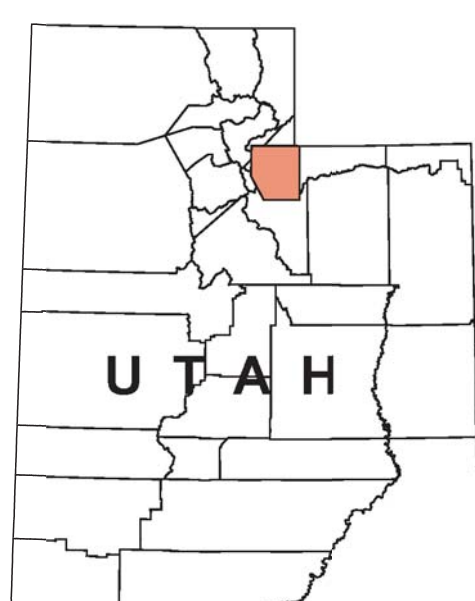
MAP SYMBOLS

- Contact
- Faults; dashed where approximate, dotted where concealed.
- Thrust; sawteeth on upper plate.
- Normal; bar and ball on downthrown side.
- Folds; arrow shows plunge direction.
- Anticline
- Overturned anticline
- Syncline
- Overturned syncline
- Strike and dip of bedding
- Inclined
- Overturned
- Location of cross section (see plate 3)
- Oil well (see table A.1)
- Water well (see table A.2)

Geologic Units

Quaternary	Jurassic
Artificial fill	Morrison Formation
Talus	Stump Formation
Colluvium	Preuss Sandstone
Alluvium	Twin Creek Limestone, undivided
Alluvial-fan and debris-fan deposits	Giraffe Creek Member
Landslide deposits	Leeds Creek Member
Terrace gravels	Watson Canyon Member
Terrace gravel 1	Boundary Ridge Member
Terrace gravel 2	Rich and Siderock Members, undivided
Terrace gravel 3	Gypsum Spring Member
Terrace gravel 4	Nugget Sandstone
Older alluvium	Triassic
Till of Pinedale age	Ankareh Formation
Outwash deposits of Pinedale age	upper member
Older till	Gartra Member
Older outwash gravel	Mahogany Member
Older alluvial-fan and debris-fan deposits	Thaynes Limestone Formation
Pediment gravel	Woodside Formation
Quaternary-Tertiary	Permian
Gravel	Park City Formation and related rocks
Tertiary	Pennsylvanian
Lamproite (Miocene)	Weber Sandstone
Large, coherent blocks in gravity-slide masses	Morgan Formation
Porphyritic latite, includes dikes	Round Valley Limestone
Keetley Volcanics	Mississippian
Light-gray to gray lahar, flow breccia, and tuff	Doughnut Formation
Intrusive rock and breccia	Humburg Formation
Flow rock and breccia	Mississippian and Devonian
Tuff	Madison Limestone and upper Devonian rocks
Newwood Tuff	Cambrian
Conglomerate	Tintic Quartzite
Lamproite (Eocene)	Proterozoic
Fowkes Formation-Bulldog Hollow Member	Uints Mountain Group
Wasatch Formation	Red Pine Shale
Wasatch Formation-conglomerate dominant	Hades Pass unit (shale)
Cretaceous	Mount Watson unit
Hams Fork Member of the Evanston Formation	
Adaville and Hilliard Formations	
Echo Canyon Conglomerate	
Henefer Formation	
Frontier Formation upper member	
Oyster Ridge Sandstone Member lower member	
Sage Junction Formation	
Cokeville Formation	
Thomas Fork Formation	
Aspen Shale	
Kelvin Formation upper member	
Parleys Member	

Base map from U.S. Geological Survey,
Salt Lake City 30 x 60 minute quadrangle
Projection: UTM zone 12
Units: meters
Datum: 1927 North American
Spheroid: Clarke 1866



Map Location

Digital cartography and GIS preparation:
Alison Corey, Rebecca Gonzales,
and Basia Matyjask