



EXPLANATION

CENOZOIC	QUATERNARY	Qls	Landslide masses
	PLIOCENE & RECENT	Qal	Alluvium & terrace deposits
	TERTIARY	Ti	Igneous intrusive rocks
		Tv	Volcanic breccias & flows
		Tcs	Carbonaceous siltstone
Eocene	Tgl	Basal Tertiary conglomerate	
	CETACEOUS	Kc	Colorado Group
Kk		Kootenai Formation	
MESOZOIC	JURASSIC	Ju	Morrison Formation
		Ju	Swift Formation
		Ju	Rierdon Formation
		Ju	Sawtooth Formation
	Triassic	Rd	Dinwoody Formation
PERMIAN	PERMIAN	Phosphoria Formation	
	Permian	Caap	Quadrant Formation
PENNSYLVANIAN	Upper	Amsden Formation	
	Lower	Mmc	Mission Canyon Limestone
MISSISSIPPIAN	Upper	Mip	Lodgepole Limestone
	Lower	Du	Sappington Formation
DEVONIAN	Upper	Du	Three Forks Shale
	Lower	Du	Jefferson Limestone
CAMBRIAN	Upper	Cu	Red Lion Formation
	Middle	Cm	Pilgrim Limestone
PRECAMBRIAN	Upper	Cm	Park Shale
	Lower	pCa	Meagher Limestone
		pCa	Walsey Shale
		pCa	Flathead Quartzite
		pCa	Metamorphic rocks

- Contact, showing dip
- Long dashed where approximate; short dashed where indefinite
- Fault
- Dashed where approximate; dotted where concealed; U, upthrown side, D, downthrown side
- Thrust Fault, showing dip
- Barbs on upthrown side
- Shear zone, showing dip
- Anticlinal axis
- Synclinal axis
- 50° Strike and dip of beds (including volcanic layers)
- ↗ Overturned beds
- ↕ Vertical beds (90 on top side of bed)
- ⊕ Horizontal beds
- ↘ Component dip of beds
- 70° Strike and dip of banding in metamorphic rocks
- ↕ Vertical banding
- ⊕ Horizontal banding
- ↘ Strike and dip of flow banding in igneous intrusives
- ↕ Vertical flow banding
- ⊕ Horizontal flow banding

0 1 2 MILES
CONTOUR INTERVAL 80 FEET
DATUM IS MEAN SEA LEVEL

GEOLOGIC MAP,
GARNET MT. QUAD-
RANGLE, MONTANA

Geology by William J. McMannis

Base from U.S.G.S. topog.
sheet Garnet Mtn. quad.
1955

