

PRELIMINARY GEOLOGIC MAP OF THE MCCARTNEY MOUNTAIN SALIENT

William Brandon, 1985

LEGEND (Plates 2 and 4)
(Refer to Plate 1 for detailed rock descriptions)

- Quaternary**
 - Qal Quaternary alluvium
 - Qaf Quaternary alluvial fans
 - Qvf Quaternary valley fill
 - Qm Quaternary moraine
 - Qt Quaternary talus
 - Qtc Quaternary-Tertiary cover undivided
- Tertiary**
 - Tcp Tertiary conglomerate
 - Tg Tertiary gravels
 - Tv Tertiary volcanic rocks undivided
 - Tki Tertiary-Cretaceous intrusion
- Mesozoic**
 - Ki Cretaceous intrusion
 - Kc Colorado group undivided
 - Kk Kootenai formation
 - Tfd Dinwoody formation (contains local thin beds of Jurassic Morrison formation)
- Paleozoic**
 - Pp Phosphoria formation
 - Pq Quadrant quartzite
 - Mps Amsden formation
 - Mml Mission Canyon limestone
 - Mmc Lodgepole limestone
 - Dl Three Forks formation
 - Dj Jefferson dolomite
 - El Red Lion formation
 - Epl Pilgrim limestone
 - Eps Park shale
 - Em Meagher limestone
 - Eh Hasmark formation
 - Es Walsey shale
 - Ef Flathead quartzite
- Proterozoic**
 - Pk3 Belt Supergroup orthoquartzite
 - Pk2 Belt Supergroup argillite
 - Pk1 Belt Supergroup feldspathic quartzite
- Archean**
 - Pg Crystalline basement rock

- MAP SYMBOLS
- Contact, dashed where approximately located, dotted where concealed
 - Fault, ball or 'D' on downthrown side, 'U' on upthrown side
 - Thrust or high-angle reverse fault, teeth on upthrown side
 - Homoclinal flexure, shorter arrow on steeper limb
 - Anticline, showing trace of axial plane and plunge direction
 - Syncline
 - Overturned anticline
 - Overturned syncline
 - Strike and dip of bedding
 - Inclined
 - Overturned
 - Vertical
 - Strike and dip of foliation
 - Line of cross-section

