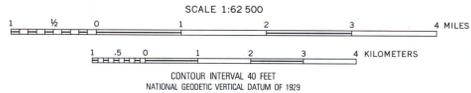
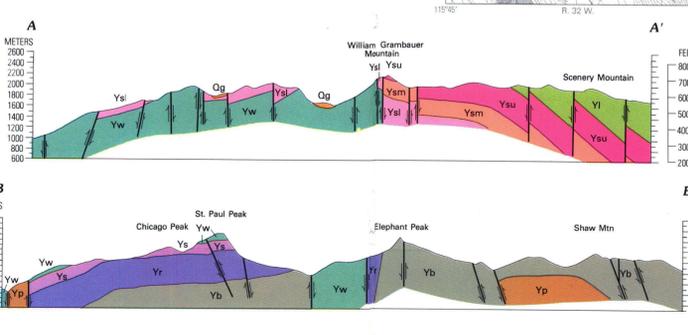


EXPLANATION OF MAP UNITS

- Alluvium
- Glacial debris
- UNCONFORMITY**
- Granodiorite and quartz monzonite intrusive rocks
- UNCONFORMITY**
- Mafic sills—Gabbro and diabase
- Libby Formation—Grayish-green laminated argillite
- Stipped Peak Formation
- Upper member—Red quartzite and siltite
- Middle member—Gray-green argillite
- Lower member—Gray siltite and quartzite
- Wallace Formation—Grayish-green calcareous argillite and siltite, subordinate limestone and dolomite
- St. Regis Formation—Purple-gray and greenish-gray argillite siltite
- Revett Formation—White quartzite and gray siltite
- Burke Formation—Light-gray siltite
- Pritchard Formation—Black and white laminated argillite and siltite

- CONTACT—Dotted where concealed; queried where uncertain
- FAULT OR FAULT ZONE—Dashed where approximately located; dotted where concealed. U, upthrown side; D, downthrown side; arrows show direction of movement
- THRUST FAULT—Sawtooth on upper plate
- MAGNETIC CONTOURS—Showing Earth's total intensity magnetic field in gammas relative to arbitrary datum. Hachured to indicate closed areas of lower magnetic intensity. Contour intervals 10 or 20 gammas. Long-dashed lines are 10-gamma supplemental contours. X, position of measured maximum or minimum intensity within closed high or closed low in gammas
- FLIGHT LINE—Spacing approximately 1.6 km
- STRIKE AND DIP OF BEDS
- Overturned
- Vertical
- Horizontal
- STRIKE AND DIP OF FOLIATION
- STRIKE AND DIP OF CONTACT

Base from U.S. Geological Survey 1:24,000: Cable Mountain, Elephant Peak, Goat Peak, Howard Lake, Box Peak, Noxon, Noxon Rapids Dam, Sneads Bench and Snowshoe Peak, 1965; Crowell Mountain, Kootenai Falls, Scenery Mountain and Treasure Mountain, 1963



GEOLOGIC AND AEROMAGNETIC MAP AND SECTIONS OF THE CABINET MOUNTAINS WILDERNESS AND VICINITY, LINCOLN AND SANDERS COUNTIES, MONTANA

Geology compiled by J. D. Wells. Field mapped in 1972 by J. D. Wells, D. A. Lindsey, and R. E. Van Loenen, assisted by J. E. Quirk, L. M. Omanson, and R. E. Ladd. Aeromagnetic data compiled by M. D. Klinkopf, 1968. Aeromagnetic survey flown in 1968 by Lockheed, Kessler, and Bartlett, Inc. at 2130 m barometric elevation. Regional geomagnetic gradient not removed.