



EXPLANATION

- CRETACEOUS (?)**
- Andesite  
(Grayish-green, fine-grained)
  - Monzonite and latite porphyry  
(Monzonite buff-colored, with large feldspar phenocrysts; latite gray, fine-grained, weathers to buff color)
- PRECAMBRIAN**
- Fine-grained diabase
  - Pegmatite
  - Granite of two varieties, pink and gray
  - Serpentine  
(Includes true serpentine and metamorphic equivalents)
  - Micaceous quartzite
  - Amphibolite  
(Dark-colored fine-grained hornblende-plagioclase rocks)
  - Hornblende gneiss  
(Coarse-grained, with peculiar wavy foliation)
  - Chromite deposit

- Geologic boundaries  
(Solid where observed, dashed where probable, and dotted and dashed where inferred)
- Limit of outcrop
- Fault, showing horizontal movement
- Strike and dip of foliation
- Trail
- Pit
- Triangulation Station

Coordinate system based upon section corner 20, 21, 28, and 29, T. 8 S., R. 19 E.  
Claim locations adapted from map by J. F. Brophy

Topography by D. H. Dow. Surveyed in 1942

100 0 500 Feet

Contour interval 10 feet  
Datum is mean sea level

Geology by H. L. James

GEOLOGIC MAP OF A PART OF THE FOUR CHROMES GROUP OF CLAIMS, CARBON COUNTY, MONTANA