EXPLANATION

CRETACEOUS (?)

- an — Andesite *(Grayish-green, fine-grained)*
- mz — Monzonite and latite porphyry *(Monzonite buff-colored, with large feldspar phenocrysts; latite gray, fine-grained, weathers to buff color)*

PRE-CAMBRIAN

- di — Fine-grained diabase
- pg — Pegmatite
- gr — Granite of two varieties, pink and gray
- sp — Serpentine *(Includes true serpentine and metamorphic equivalents)*
- qt — Micaceous quartzite
- am — Amphibolite *(Dark-colored fine-grained hornblende-plagioclase rocks)*
- hgn — Hornblende gneiss *(Coarse-grained, with peculiar wavy foliation)*
- cr — Chromite deposit

Geologic boundaries *(Solid where observed, dashed where probable, and dotted and dashed where inferred)*

Limit of outcrop

Fault, showing horizontal movement

75 — Strike and dip of foliation

Trail

Pit

△T5 — 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

Camp Site

FOUR CHROMES NO. 1

FOUR CHROMES NO. 2

FOUR CHROMES NO. 3

FOUR CHROMES NO. 4

TRAIL

MAIN TRAIL

20 21
29 28

Topography by D. H. Dow Surveyed in 1942

Geology by H. L. James

100 0 500 Feet

Contour interval 10 feet
Datum is mean sea level

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