

DISTRIBUTION OF COPPER AND THE PLATINUM GROUP IN MAFIC ROCKS OF THE SIERRA MADRE, CARBON COUNTY, WYOMING

PLATE 3

by
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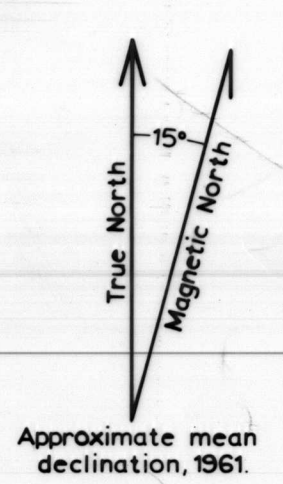
U.S. Geological Survey
OPEN FILE REPORT
This map is preliminary and has not
been edited or reviewed for conformity
with Geological Survey standards or
nomenclature.

LEGEND

MAP SYMBOLS

- Precambrian Rocks
- | | | |
|---------|---------|---------------------------------------|
| Plate 1 | Plate 2 | a: amphibolite, unaltered. |
| aa | aa | aa: amphibolite, altered. |
| d | d | d: metadiorite. |
| ag | ag | ag: amphibolite, derived from gabbro. |
| an | an | an: amphibolite, derived from norite. |
-
- | | | |
|------|------|---------------------------------------|
| ph | ph | Phyllite. |
| q | q2 | Quartzite. |
| ls | ls | Limestone. |
| qph | q1 | q1: quartzite, limy. |
| sqm3 | sqm3 | sqm3: schist, quartz, mica. |
| qph | q1 | Quartzite. |
| c | c | c: conglomerate, closed framework. |
| sqm2 | sqm2 | sqm2: schist, quartz, mica. |
| vpl | vpl | vpl: pillow lava, amphibolitized. |
| v | v | v: vuff(?) amphibolitized. |
| sqm1 | sqm1 | sqm1: schist, quartz, mica. |
| ggm | ggm | ggm: schist, brownish gray, granitic. |

- Contact, dashed where approximate, dotted where inferred. Showing dip.
- Fault, dashed where approximate, dotted where inferred. Letters indicate relative movement.
- Strike and dip of beds.
- Strike and dip of foliation.
- Plunge and horizontal projection of axis of minor fold.
- Quartz vein. Showing dip.
- Pegmatitic amphibolite vein.
- Felsic vein.
- Chlorite-epidote vein.
- Carbonate vein.
- Metadiorite vein.
- Diamond drill hole.
- Cross bedding. Top indicated by T.
- Mine shaft.
- Mine adit.
- Mine dump.
- sample number.
- sampled location.
- depth of sample below land surface, in feet. Or, if blank, sample was collected at the surface. If a symbol composed of letters, the lithology of the sample (symbols are listed above).
- palladium concentration, in parts per billion. N means not detected.
- rhodium concentration, in parts per billion. N means not detected.
- platinum concentration, in parts per billion. N means not detected.
- copper concentration, in parts per million. N means not detected.
- Boundary of outcrop area.
- Prospect pit or trench.



Horizontal control is by plane table and alidade with sample points located by compass and tape.

Geographic locations of Plate 2 maps are shown on Plate 1.

