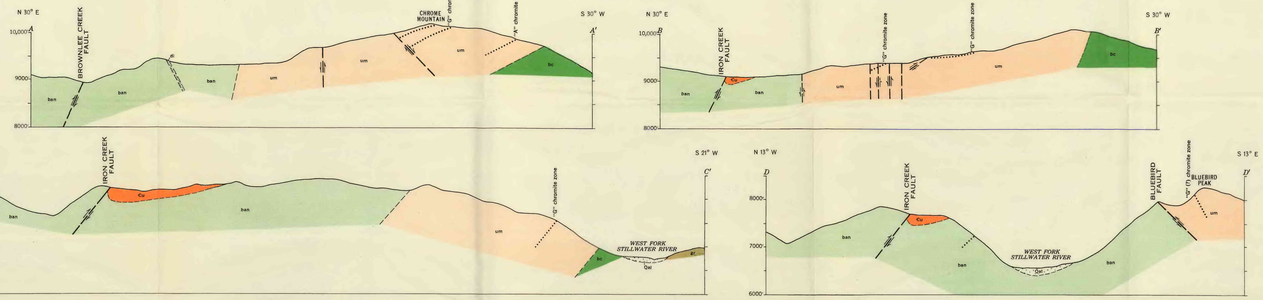
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



EXPLANATION

Qal — Alluvium

Felsite porphyry

Cu — Gray shale and thin-bedded limestone, undifferentiated

Diabase and gabbro

Granite

Banded zone, with disseminated sulfides

Basal and ultramafic zones with chromite

bc — Basement complex

Stillwater complex

CAMBRIAN CRETACEOUS QUATERNARY

PRE-CAMBRIAN

Contact, showing dip. *Dashed where approximately located*

Fault, showing dip. *Dashed where approximately located, or where inferred. Arrows show direction of relative movement of beds on opposite sides of fault*

Doubtful or probable fault

Strike and dip of beds

Strike of vertical beds

Strike and dip of overturned beds

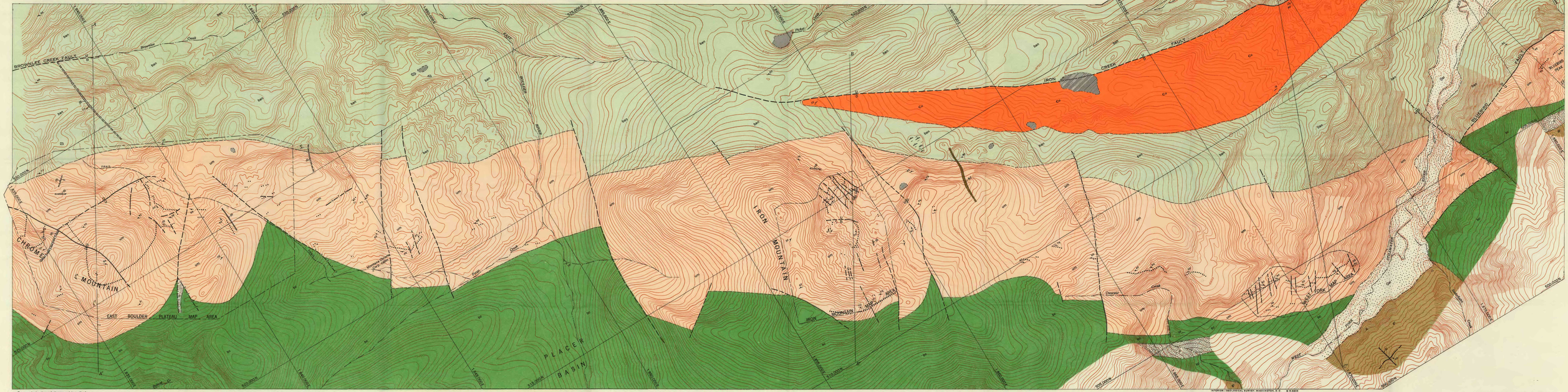
Strike and dip of layering in igneous rocks

Strike of vertical layering in igneous rocks

Boundary of detailed map area

Intermittent lake

MAGNETIC NORTH



Topography by stereophotogrammetric methods.
1943. Triangulation by D. C. Cox

GEOLOGIC MAP AND SECTIONS OF THE CENTRAL PART OF THE STILLWATER COMPLEX, SWEET GRASS COUNTY, MONTANA

1000 0 1000 Feet
Contour interval 20 feet
Datum is mean sea level

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. M 43805

Geology by A. L. Howland, R. M. Garrels, J. W. Peoples, W. R. Jones, J. C. Stetson, W. G. Bennett, D. C. Cox, J. L. Weitz, and George Sendon 1942-43 and 1949