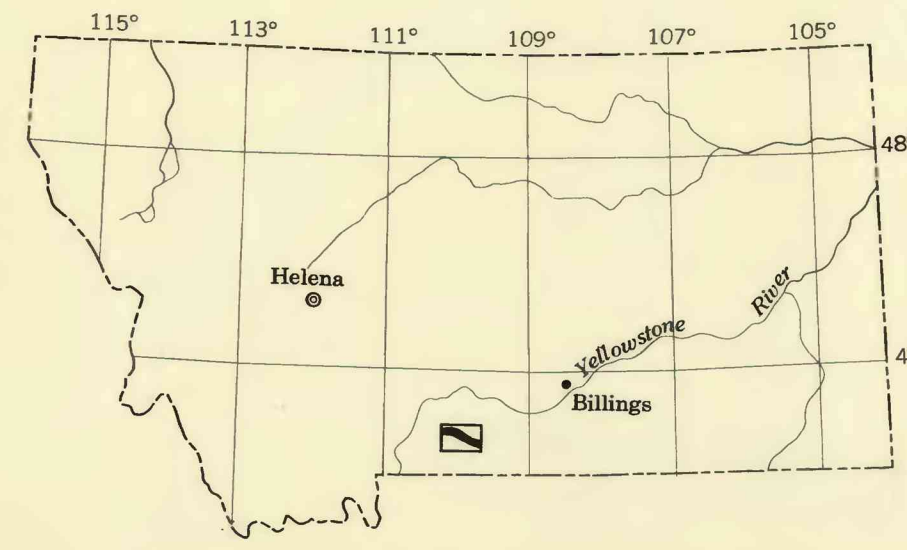


EXPLANATION

- Surficial deposits
Alluvium, moraine, and landslides
- Intrusive rocks of intermediate composition
- Sedimentary rocks
- Sedimentary rocks
- Diabase dike and sill
Some older than granite
- Granite
- Upper and Banded zones
Interlayered gabbroic, noritic, and anorthositic rocks
- Upper Bronzite subzone of Ultramafic zone
Feldspathic bronzite
- Lower subzone of Ultramafic zone
Interlayered bronzite, chromite, poikilitic and granular harzburgite. Also includes Basal zone consisting of 0-200 feet of fine-grained diabasic norite and gabbro. cr, chromite layer
- Metamorphic rocks
In places, near base of complex, intricately intruded by diabasic norite and gabbro

- Contact
Dashed where approximately located, dotted where concealed
- Fault, showing dip
Dashed where approximately located, dotted where concealed. U, upthrown side; D, downthrown side
- Anticline
- Syncline
- Strike and dip of sedimentary beds
- Strike of vertical beds
- Strike and dip of overturned beds
- Strike and dip of overturned igneous layers
- Strike and dip of igneous layers
- Strike of vertical igneous layers



INDEX MAP SHOWING LOCATION OF STILLWATER COMPLEX, MONTANA

GENERALIZED GEOLOGIC MAP OF THE STILLWATER COMPLEX, MONTANA

1 0 1 2 3 4 Miles
Contour interval 500 feet
Datum is mean sea level

Topography by U. S. Geological Survey, 1940-1951

Geology by J. W. Peoples, A. L. Howland, J. S. Whay, W. R. Jones, R. M. Garrets, E. D. Jackson, and J. Shelton, 1939-1953, P. R. Vail, 1955
Compiled by William R. Jones, 1956