

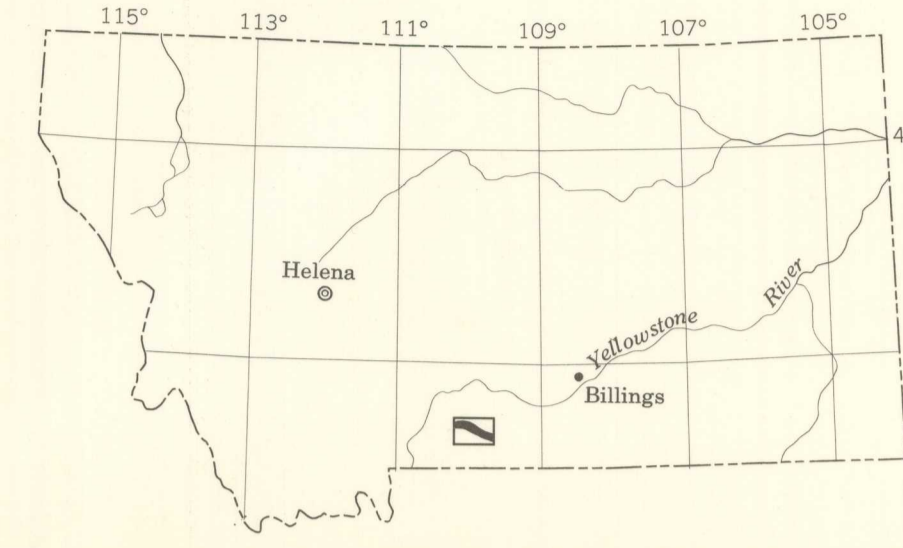
EXPLANATION

- Qs  
Surficial deposits  
*Alluvium, moraine, and landslides*
- TKI, U  
Intrusive rocks of intermediate composition
- MES  
Sedimentary rocks
- PAL  
Sedimentary rocks
- di  
Diabase dike and sill  
*Some older than granite*
- gr  
Granite
- ban  
Upper and Banded zones  
*Interlayered gabbro, noritic, and anorthositic rocks*
- ub  
Upper Bronzite subzone of Ultramafic zone  
*Feldspathic bronzite*
- um, cr  
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*
- bc  
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



100 0 100 Miles

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. Vhay, W. R. Jones, R. M. Garrels, E. D. Jackson, and J. Shelton, 1939-1953, P. R. Vail, 1955  
Compiled by William R. Jones, 1956