



EXPLANATION

- | | | | |
|--|--|---|--|
| <p>Recent
Alluvial deposits
Glacial and glaciofluvial deposits
Channel and terrace gravels
Monzonite and associated rocks
Diorite sill</p> | <p>QUATERNARY
QUATERNARY
QUATERNARY
QUATERNARY
QUATERNARY
QUATERNARY</p> | <p>Striped Peak Formation
Wallace Formation
St. Regis Formation
Revert and Burke Formations
Pritchard Formation</p> | <p>PRECAMBRIAN
PRECAMBRIAN
PRECAMBRIAN
PRECAMBRIAN
PRECAMBRIAN</p> |
|--|--|---|--|

EXPLANATION

- Value of sulfur (X1000) expressed in percent after the data were treated as follows: The data were gridded to a rectangular coordinate system with mesh points 1,000 feet apart. The original data points were transposed to grid coordinates or mesh points by drawing a circle of radius 800 feet around each mesh point, and shifting the coordinates of data points within each circle to the coordinates of the mesh point. Accompanying the shift of coordinates, each point was weighted according to its distance from the mesh point; as a result, close-lying data points had more influence than outlying data points on the final value used at the mesh point. After data points were weighted and projected to a mesh point, the multiplicity of values created at the mesh point was removed by averaging.
- I. At least one data point within the search area about the mesh point has a value less than the lower limit of determination for the analytical method (I = 0.0032).
- 0.02
 - 0.04
 - 0.06
 - 0.08
 - 0.10
 - 0.15
 - 0.20
 - 0.40
 - 0.60
 - 0.80
 - 1.00
- Isopleths defining areas where samples contain more than 0.02, 0.04, 0.06, 0.08, 0.1, 0.2, 0.4, 0.6, 0.8 or 1.0 percent of sulfur.
Dashed where inferred. No isopleths below 0.02 percent nor above 1.0 percent.
- Data computation and program by Jack B. Pife.
Data reduction by Theodore M. Billings.
Concentration of sulfur was determined by titration after combustions.
Determinations were made by Zella M. Stephenson and John C. Negri.

Base from U.S. Geological Survey: Kingston, Kellorg, Burke, St. Joe, Calder, Wallace, 1957; Cooper Gulch, Saltese, 1956

Geology west of 115°42'30" from S. W. Hobbs and others (1965); geology east of 115°42'30" from R. E. Wallace and J. W. Hosterman (1956)

Geochemical distribution of selected metals in rocks, Coeur d'Alene district, Idaho
By Garland B. Goff and John B. Cathrall
1974

MAP 1 Distribution of Sulfur (X1000) in rocks of the Coeur d'Alene district, Idaho

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