



EXPLANATION

Value of antimony (X10) expressed in parts per million 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.

1. 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 ($L = 0.5$ ppm)

- 1 — Isopleth defining areas where samples contain more than 1, 2, 3, 4, 5, 10, 20 or 50 parts per million of antimony. Dashed where inferred. No isopleths below 1 or above 50 parts per million.
 - 2 —
 - 3 —
 - 4 —
 - 5 —
 - 10 —
 - 20 —
 - 50 —
- Data computation and program by Jack B. Fife
Data reduction by Theodore M. Billings

Concentration of antimony was determined by colorimetry
Determinations were made by James H. Turner, Susan Truesdell, Eric P. Welch, and Vanja Mello

EXPLANATION

- | | |
|------------------------------------|-------------------------------|
| Qol | Striped Peak Formation |
| Alluvial deposits | |
| Qa | Wallace Formation |
| Glacial and glaciofluvial deposits | |
| Q1g | St. Regis Formation |
| Channel and terrace gravels | |
| Mylonite and associated rocks | |
| Q1c | Payette and Parkes Formations |
| Channel and terrace gravels | |
| Q1s | Payette and Parkes Formations |
| Channel and terrace gravels | |
| Q1t | Payette and Parkes Formations |
| Channel and terrace gravels | |
- CONTACT
Dashed where approximately located
- FAULT
Dashed where approximately located

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

MAP 6 Distribution of Antimony (X10) 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

Finished 8/26/74