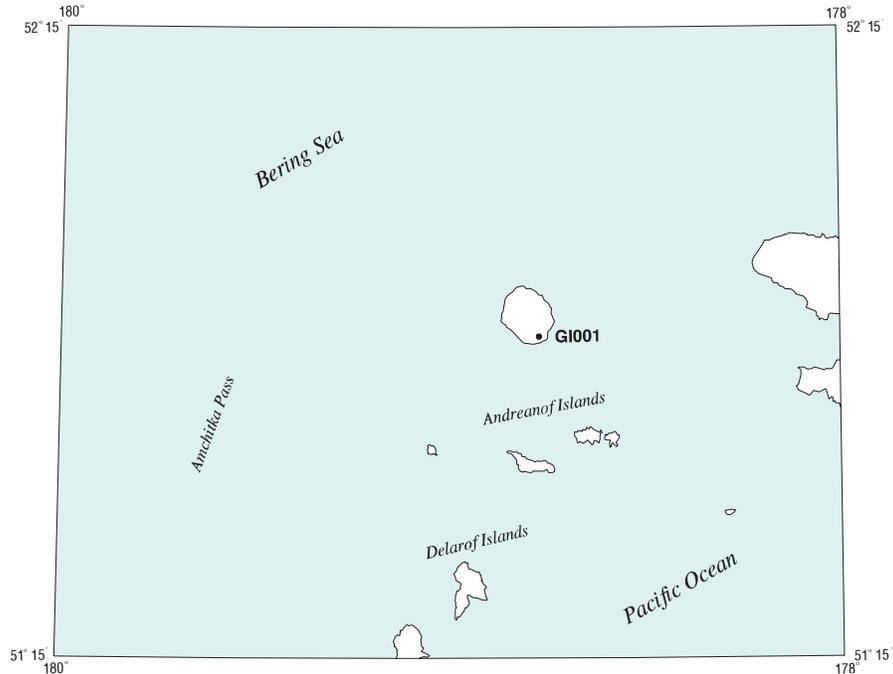


Gareloi Island quadrangle

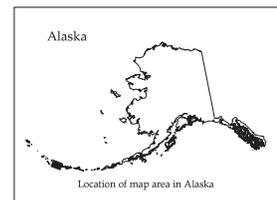
Descriptions of the mineral occurrences shown on the accompanying figure follow. See U.S. Geological Survey (1996) for a description of the information content of each field in the records. The data presented here are maintained as part of a statewide database on mines, prospects and mineral occurrences throughout Alaska.



*Distribution of mineral occurrences in the Gareloi Island
1:250,000-scale quadrangle, Aleutian Islands, Alaska*

This and related reports are accessible through the USGS World Wide Web site <http://ardf.wr.usgs.gov>. Comments or information regarding corrections or missing data, or requests for digital retrievals should be directed to: Frederic Wilson, USGS, 4200 University Dr., Anchorage, AK 99508-4667, e-mail fwilson@usgs.gov, telephone (907) 786-7448. This compilation is authored by:

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Anchorage, AK



This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards or with the North American Stratigraphic code. Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

OPEN-FILE REPORT 00-030

Site name(s): Unnamed (on Gareloi Island)

Site type: Occurrence

ARDF no.: GI001

Latitude: 51.76

Quadrangle: GI

Longitude: 178.77

Location description and accuracy:

This site is located near the southeast coast of Gareloi Island approximately 1 1/2 miles east of triangulation point Gareoli. Site is accurate to within 2 miles.

Commodities:

Main: Cu

Other:

Ore minerals: Atacamite, paratacamite

Gangue minerals:

Geologic description:

Copper sublimate occurs on the scoriaceous surface of a lava flow (Coats, 1951). This material was found to be a mixture of atacamite and paratacamite.

Alteration:

Age of mineralization:

Deposit model:

Deposit model number (After Cox and Singer, 1986 or Bliss, 1992):

Production Status: None

Site Status: Inactive

Workings/exploration:

The U.S. Geological Survey mapped this area in the 1950's (Coats, 1951).

Production notes:

Reserves:

Additional comments:

This site is located in the Aleutian Maritime Wildlife Refuge.

References:

Coats, 1951; Fraser and Barnett, 1959.

Primary reference: Coats, 1951

Reporter(s): S.H. Pilcher (Anchorage)

Last report date: 1/20/00

References

- Coats, R.R., 1951, Geologic reconnaissance of Gareloi Island, Alaska: U.S. Geological Survey Bulletin 1028-J, 7 p. 1 map sheet, scale 1 inch equals 3/4 mile.
- Fraser, G.D., and Barnett, F.H., 1959, Geology of the Delarof and westernmost Andreanof Islands, Aleutian Islands, Alaska: U.S. Geological Survey Bulletin 1028-I, 37 p., 4 map sheets, scale 1:250,000 and 1:25,000.
- Herzog, D.A., 1988, References to coastal mineral occurrences of Alaska: U.S. Bureau of Mines Open-File Report 29-88, 308 p.
- Ransome, A.L., and Kerns, W.H., 1954, Names and definitions of regions, districts, and subdistricts in Alaska: U.S. Bureau of Mines Information Circular 7679, 91 p.