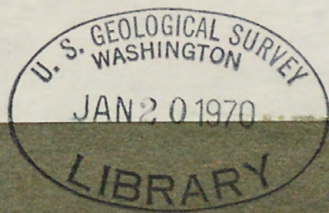


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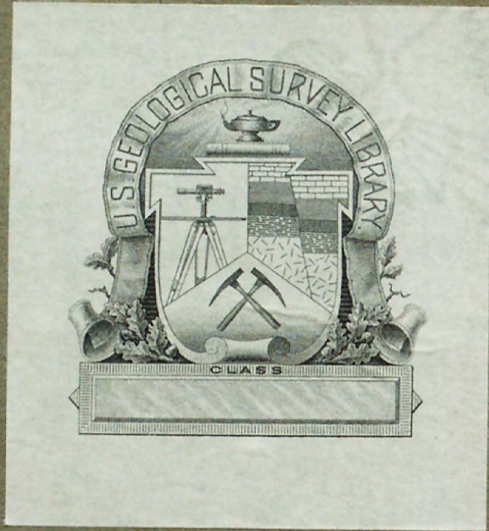
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UNITED STATES DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

= Reports - Open file series =

METALLIC MINERAL RESOURCES MAP OF THE HAGEMEISTER ISLAND QUADRANGLE, ALASKA

Compiled by

Edward H. Cobb

Open-file map

1969

217756

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



To accompany
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U. S. GEOLOGICAL SURVEY
WASHINGTON, D.C.
20242

For release DECEMBER 29, 1969

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1. Metallic mineral resources map of the Hagemeister Island quadrangle, Alaska, by Edward H. Cobb. 3 p., 1 pl. (scale 1:250,000). Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; 108 Skyline Bldg., 508 2nd Ave., Anchorage, Alaska 99501; 678 U.S. Court House Bldg., Spokane, Wash. 99201; 504 Custom House, San Francisco, Calif. 94111; 7638 Federal Bldg., Los Angeles, Calif. 90012; 1012 Federal Bldg., Denver, Colo. 80202; and in offices of the Alaska Div. of Mines and Geology, 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; and University Ave., College, Alaska 99701. [Material from which copy can be made at private expense is available in the Alaskan Mineral Resources Branch, USGS, 345 Middlefield Rd., Menlo Park, Calif. 94025.]

2. Metallic mineral resources map of the Sleetmute quadrangle, Alaska, by Edward H. Cobb. 4 p., 1 pl. (scale 1:250,000). See information following No. 1, above.

3. Principal facts for gravity stations in Lemhi and Birch Creek Valleys, Lemhi County, Idaho, by W. T. Kinoshita, W. E. Davis, and D. L. Peterson. 2 p., 6 data sheets. 8102 Federal Office Bldg., Salt Lake City, Utah 84111; 678 U.S. Court House Bldg., West 920 Riverside Ave., Spokane, Wash. 99201; Idaho Bureau of Mines and Geology, College of Mines Bldg., University of Idaho, Moscow, Idaho 83843.

* * * * *

PLACER DEPOSITS

Number	Name and principal reference(s)	Commodity <u>1/</u> , <u>2/</u>
1	Platinum-Salmon River beach: Berryhill, 1963, p. 13-16	Cr
2-4	Red Mountain: Berryhill, 1963, p. 13-16	Cr
5	Red Mountain: Mertie, 1969, p. 84	Pt <u>3/</u>
6	Red Mountain: Mertie, 1969, p. 80-81	Pt <u>3/</u>
7	Clara Creek: Mertie, 1940, p. 57-59, 67-70; Mertie, 1969, p. 77, 85-86	Cr, Au, Pt
8	Dowry Creek: Mertie, 1969, p. 77, 85-86	Au, Pt <u>3/</u>
9	Dry Gulch: Mertie, 1940, p. 57-58 Fox Gulch: Mertie, 1940, p. 57-64; Mertie, 1969, p. 80-81, 85-86 Platinum Creek: Mertie, 1940, p. 57-64; Mertie, 1969, p. 80-81, 84-87 Salmon River: Mertie, 1969, p. 77, 79-88 Squirrel Creek: Mertie, 1940, p. 57-58, 64-65	Au, Pt <u>3/</u> Au, Pt <u>3/</u> Cr, Au, Pt Cr, Au, Pt Cr, Au, Pt
10	Chagvan Bay: Berryhill, 1963, p. 13-16	Cr
11-12	Hagemeister Strait: Berryhill, 1963, p. 17-18	Cr
13-17	Hagemeister Strait-Togiak Bay: Maddren, 1915, p. 358; Smith, 1939, p. 63; Berryhill, 1963, p. 17-22	Au
	Placer deposit not shown on map because occurrence could not be located closely enough to plot:	
	Slug River: Smith, 1939, p. 63	Au

1/ Symbols - Cr, chromite; Au, gold; Pt, platinum-group metals.

2/ Platinum and/or gold has been produced from most of the listed placers; chromite has not been produced from any of them.

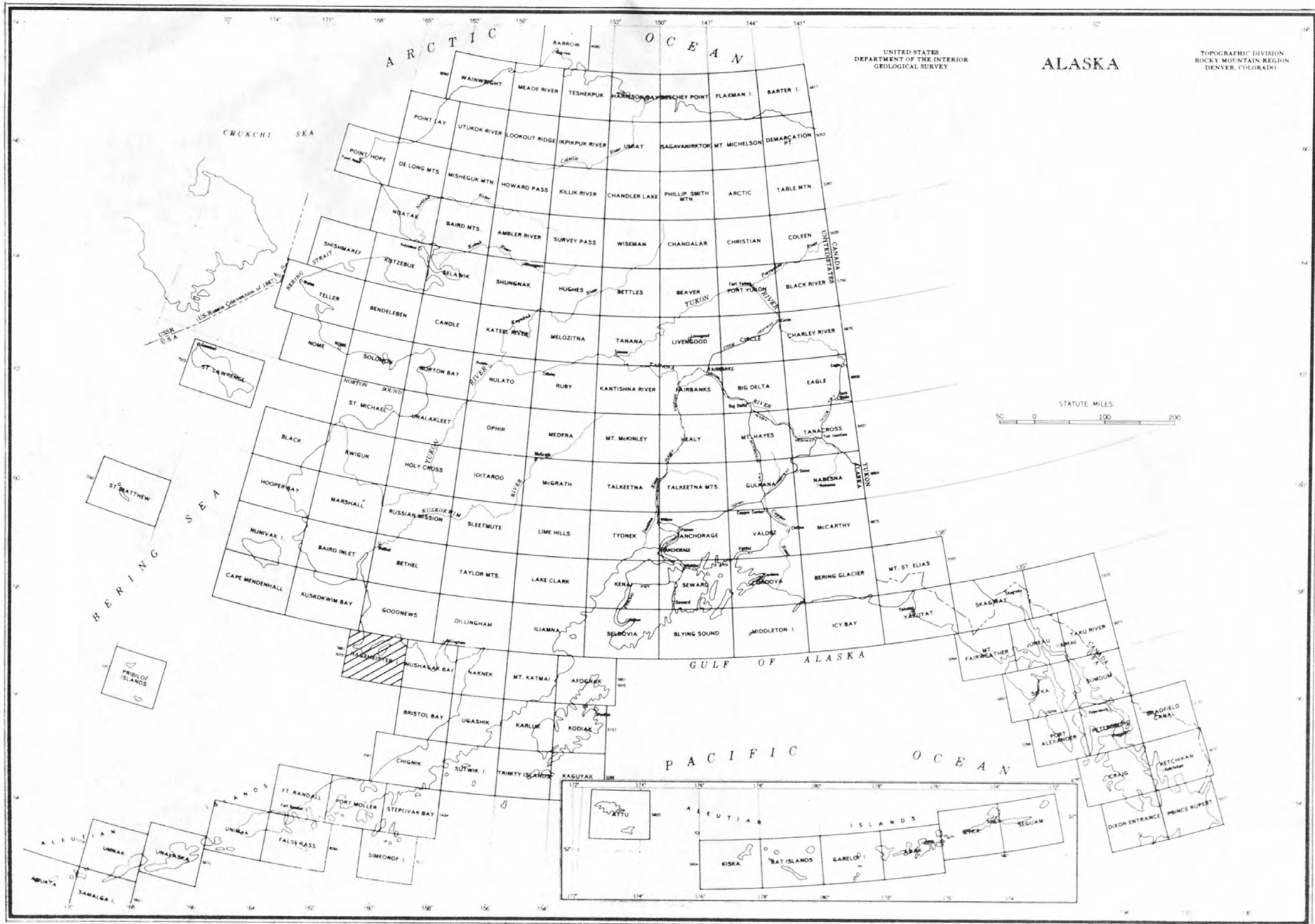
3/ Chromite not specifically reported, but probably present.

REFERENCES

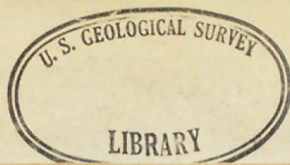
- Berryhill, R. V., 1963, Reconnaissance of beach sands, Bristol Bay, Alaska: U.S. Bur. Mines Rept. Inv. 6214, 48 p.
- Maddren, A. G., 1915, Gold placers of the lower Kuskokwim, with a note on copper in the Russian Mountains: U.S. Geol. Survey Bull. 622, p. 292-360.
- Mertie, J. B., Jr., 1940, The Goodnews platinum deposits, Alaska: U.S. Geol. Survey Bull. 918, 97 p.
- _____, 1969, Economic geology of the platinum minerals: U.S. Geol. Survey Prof. Paper 630, 120 p.
- Smith, P. S., 1939, Mineral industry of Alaska in 1937: U.S. Geol. Survey Bull. 910-A, p. 1-113.

SOURCE OF DATA ON DISTRIBUTION OF IGNEOUS ROCKS

- Hoare, J. M., and Coonrad, W. L., 1961, Geologic map of the Hagemeister Island quadrangle, Alaska: U.S. Geol. Survey Misc. Geol. Inv. Map I-321.



Index map showing location of the Hagemeister Island quadrangle.



OPEN-FILE MAP ⁽²⁰⁰⁾
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