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DIV. MINES &amp; GEOLOGY

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## METALLIC MINERAL RESOURCES MAP OF THE HAGEMEISTER ISLAND QUADRANGLE, ALASKA

Compiled by

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Open-file map

1969

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

PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <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

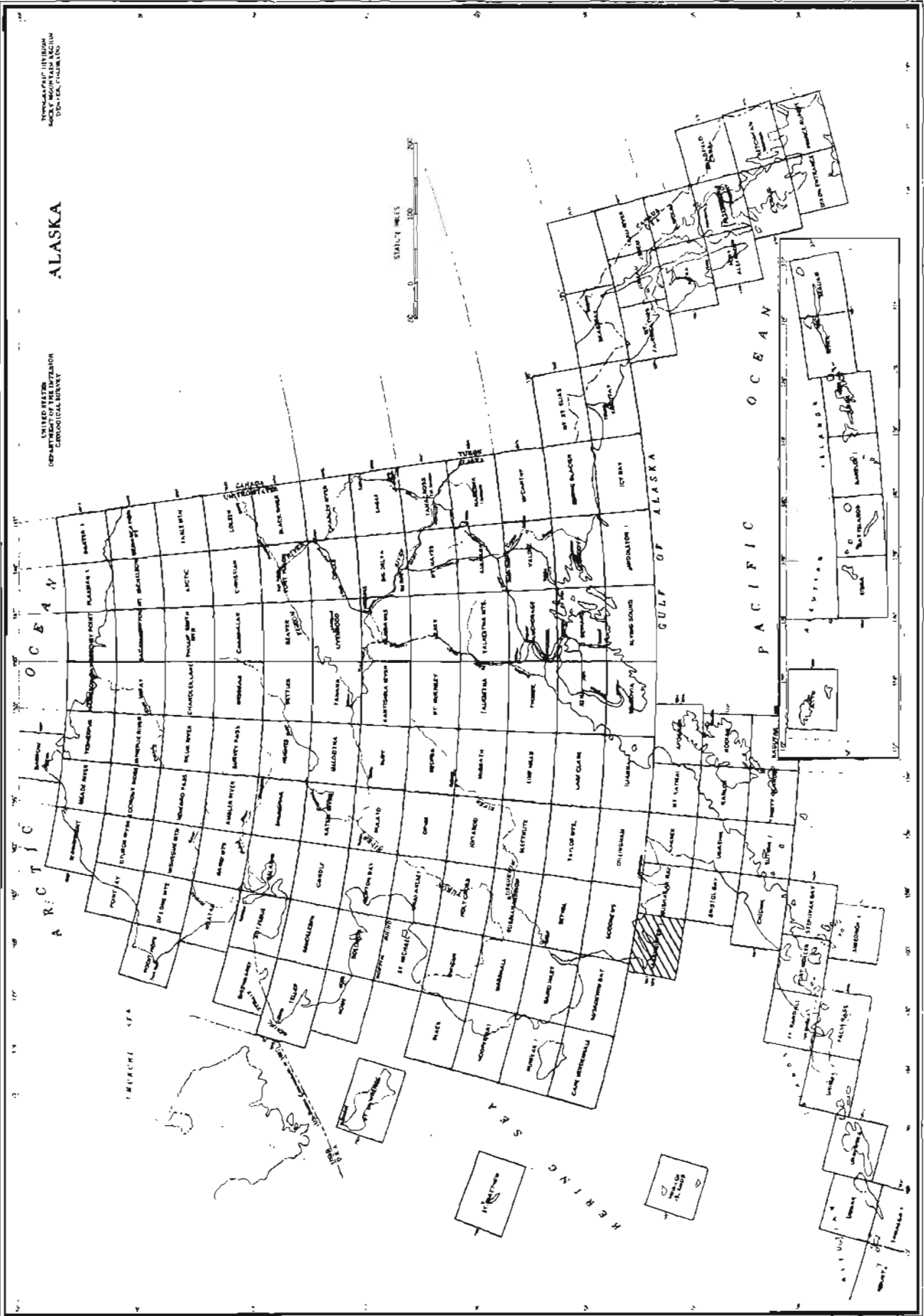
- Berryhill, R. V., 1963, Reconnaissance of beach sands, Bristol Bay, Alaska: U.S. Bur. Mines Rept. Inv. 6214, 48 p.
- Maddren, A. G., 1915, Gold placers of the lower Kuskokwim, with a note on copper in the Russian Mountains: U.S. Geol. Survey Bull. 622, p. 292-360.
- Mertie, J. B., Jr., 1940, The Goodnews 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 Hagemester Island quadrangle, Alaska: U.S. Geol. Survey Misc. Geol. Inv. Map I-321.

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# ALASKA



Index map showing location of the Hagemeister Island quadrangle.