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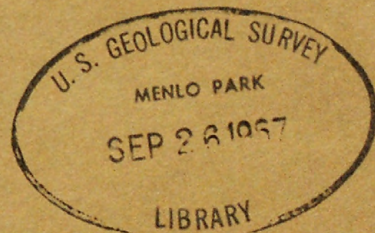
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GEOLOGICAL SURVEY

[REPORTS - OPEN FILE SERIES]

Metallic mineral resources map of the Charley River
Quadrangle, Alaska.

Compiled by

Edward H. Cobb



Open-file report

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METALLIC MINERAL RESOURCES MAP OF THE CHARLEY RIVER QUADRANGLE, ALASKA .

Compiled by

Edward H. Cobb

Open-file map

1967



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

LODE DEPOSIT

<u>Number</u>	<u>Name and principal reference</u>	<u>Commodity</u> ^{1/}
1	Tatonduk River: Mertie (1933), p. 375-380 [hematite in Mertie's Unit C, Tindir Group, boundary of area from Mertie (1933), pl. 77.	Fe

PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/} , ^{2/}
2	Iron Creek: Mertie (1938), p. 255-256 Woodchopper Creek: Mertie (1938), p. 254-256; Mertie (1942), p. 246-250, 257-259	Au Au, Pt
3	Alice Gulch: Brooks (1907), p. 203; Mertie (1938), field notes Mineral Creek: Mertie (1938), p. 255-257; Mertie (1938), field notes	Au Au
4	Boulder Creek: Mertie (1938), field notes; Mertie (1942), p. 251 Coal Creek: Mertie (1942), p. 246-251	Au Au
5	Sawyer Gulch: Mertie (1938), field notes; Mertie (1942), p. 250	Au
6	Ruby Creek: Prindle (1913), p. 79	Au
7	Fourth of July Creek: Mertie (1942), p. 246-250, 257-259	Au, Pt
^{1/}	Symbols - Au, gold; Fe, iron; Pt, platinum-group metals (alloyed with gold in these occurrences).	
^{2/}	Gold has been produced from most of the listed placers.	

Placer deposits not shown on map because occurrences could not be located closely enough to plot:

<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
Alder Creek: Mertie (1942), p. 250	Au
Ben Creek: Mertie (1942), p. 250	Au
Colorado Creek: Mertie (1938), p. 252; Mertie (1938), field notes	Au
Dome Creek (tributary to Washington Creek): Mertie (1938), p. 204	Au
Dome Creek (tributary to Woodchopper Creek): Mertie (1938), p. 248	Au
Drayham Creek: Mertie (1938), p. 250	Au
Eagle Creek: Mertie (1942), p. 250	Au
Irish Gulch: Mertie (1938), field notes; Mertie (1942), p. 250	Au
Nugget Creek (or Gulch): Brooks (1907), p. 201	Au
Surprise Creek: Mertie (1938), p. 204	Au

REFERENCES

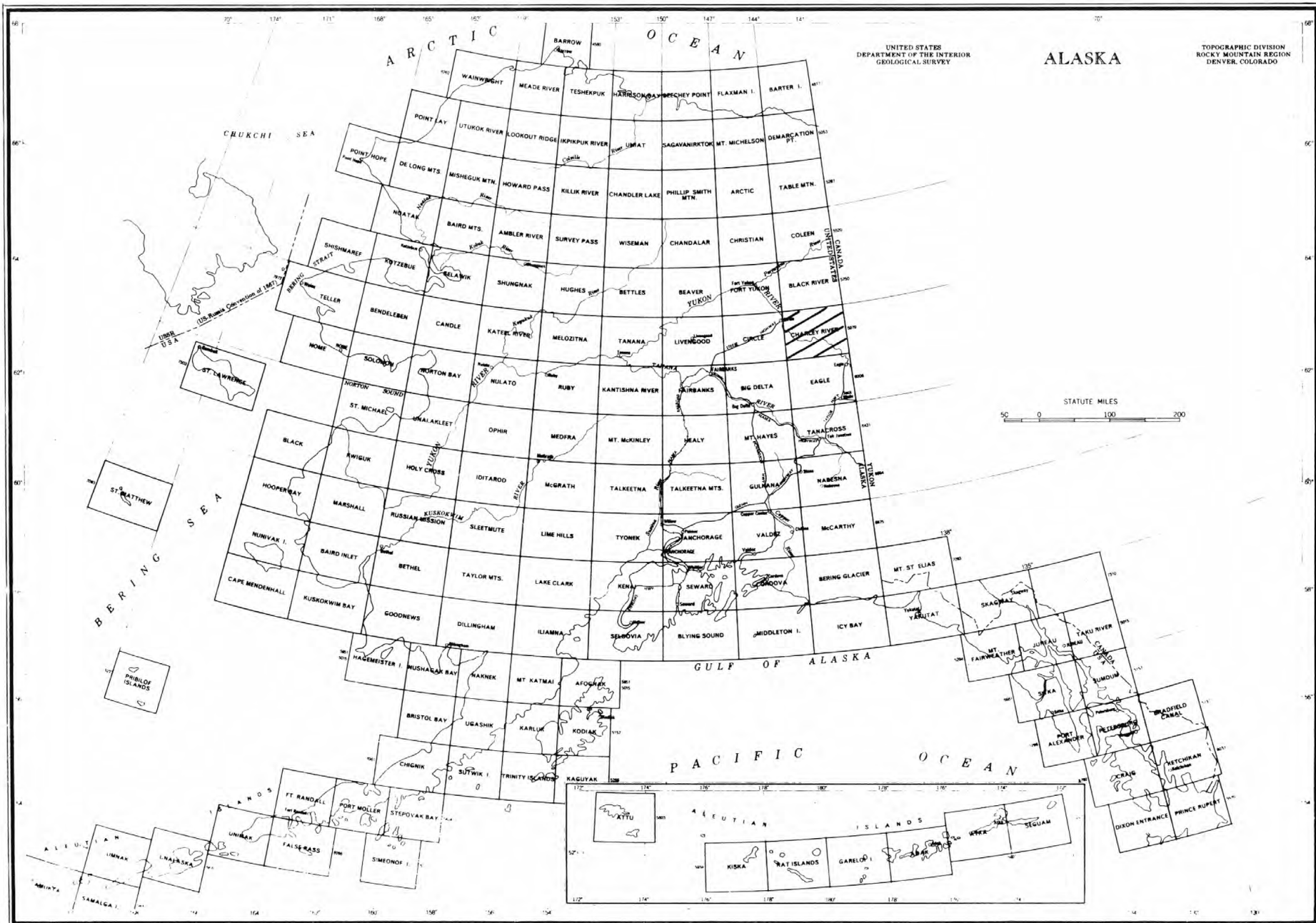
- Brooks, A. H., 1907, The Circle precinct, Alaska: U.S. Geol. Survey Bull. 314, p. 187-204.
- Mertie, J. B., Jr., 1933, The Tatonduk-Nation district, Alaska: U.S. Geol. Survey Bull. 836, p. 347-443.
- , 1938, Gold placers of the Fortymile, Eagle, and Circle districts, Alaska: U.S. Geol. Survey Bull. 897-C, p. 133-261.
- , 1942, Tertiary deposits of the Eagle-Circle district, Alaska: U.S. Geol. Survey Bull. 917-D, p. 213-264.
- Prindle, L. M., 1913, A geologic reconnaissance of the Circle quadrangle, Alaska: U.S. Geol. Survey Bull. 538, 82 p.

SOURCE OF DATA ON DISTRIBUTION OF IGNEOUS ROCKS

- Brabb, E. E., and Churkin, Michael, Jr., 1964, Preliminary geologic map of the Charley River quadrangle, Alaska: U.S. Geol. Survey open-file map.

1/ Symbol - Au, gold.

2/ Gold has been produced from most of the listed placers.



Index map showing location of the Charley River quadrangle.

