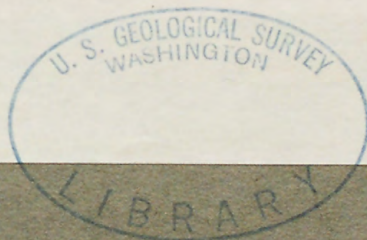
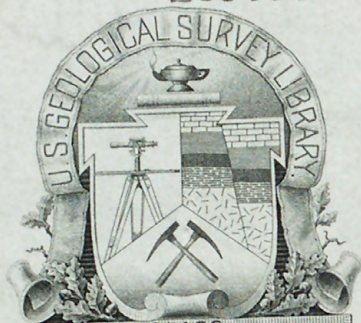


U.S. GEOLOGICAL SURVEY,
Reports-Open File Series.
No. 1083.



(200)
R29o
no. 1083

209788



CLASS

(200) R29o

no. 1083, 1968

(200)
R290
[no. 1083]



UNITED STATES DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY, [Reports - Open file series]

METALLIC MINERAL RESOURCES MAP OF THE AMBLER RIVER QUADRANGLE, ALASKA

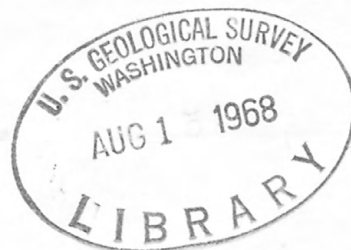
Compiled by

Edward H. Cobb

Open-file map

1968

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



AUG 21 1968

LODE DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/}
1	Malfiatti: Berg and Cobb (1967), p. 104	Cu
2	Jade Mountains: Brosge, Reiser, and Tailleur (1967), sample M98(A)	Cu, Pb
3	Jade Hills: Anderson (1945), p. 24	Ni
4	Aurora Mountain: Smith (1913), p. 149-150, 153	Cu, Au, Pb, Ag
5	Iron Mountain: Smith and Mertie (1930), p. 343	Fe
6	Ruby Creek: Berg and Cobb (1967), p. 105-106	Cu, Au, Pb, Zn
7	Riley Creek: Smith and Mertie (1930), p. 336	Au
8	Shishakshinovik Pass: Smith (1913), p. 150	Cu, Au, Pb, Ag

^{1/} Symbols - Cu, copper; Au, gold; Fe, iron; Pb, lead; Ni, nickel; Ag, silver; Zn, zinc.

PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/} , ^{2/}
9	Bismark Creek: Reed (1931), p. 14-15 Shungnak River: Smith (1913), p. 131-132; Reed (1931), p. 12-16	Au Cu, Au, Ag
10	Jay Creek: Reed (1931), p. 18	Au
11	Ruby Creek: Reed (1931), p. 18	Au
12	Riley Creek: Smith (1913), p. 129-131; Reed (1931), p. 22-24	Au
13	Pearl Creek: Smith (1934), p. 53	Au
14	Midas Creek: Smith (1913), p. 141-142	Au

^{1/} Symbols - Cu, copper; Au, gold; Ag, silver.

^{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</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
Agnes Creek: Brooks (1925), p. 51	Au
Ambler Valley: Brooks and Martin (1921), p. 95	Au
Boulder Creek: Smith (1941), p. 67	Au

1/ Symbol - Au, gold.

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

REFERENCES

- Anderson, Eskil, 1945, Asbestos and jade occurrences in the Kobuk River region, Alaska: Alaska Dept. Mines Pamph. 3-R, 26 p.
- Berg, H. C., and Cobb, E. H., 1967, Metalliferous lode deposits of Alaska: U.S. Geol. Survey Bull. 1246, 254 p.
- Brooks, A. H., 1925, Alaska's mineral resources and production, 1923: U.S. Geol. Survey Bull. 773, p. 1-52.
- Brooks, A. H., and Martin, G. C., 1921, The Alaskan mining industry in 1919: U.S. Geol. Survey Bull. 714, p. 59-95.
- Brosge, W. P., Reiser, H. N., and Tailleur, I. L., 1967, Copper analysis of selected samples, southwestern Brooks Range, Alaska: U.S. Geol. Survey open-file rept., 1 sheet.
- Deed, Irving, 1931, Report on the placer deposits of the upper Kobuk goldfields: Alaska Dept. Mines, unpublished rept., 33 p.
- Smith, P. S., 1913, The Noatak-Kobuk region, Alaska: U.S. Geol. Survey Bull. 536, 160 p.
- , 1934, Mineral industry of Alaska in 1933: U.S. Geol. Survey Bull. 864-A, p. 1-94.
- , 1941, Mineral industry of Alaska in 1939: U.S. Geol. Survey Bull. 926-A, p. 1-106.
- Smith, P. S., and Mertie, J. B., Jr., 1930, Geology and mineral resources of northwestern Alaska: U.S. Geol. Survey Bull. 815, 351 p.

SOURCES OF DATA ON DISTRIBUTION OF GRANITIC ROCKS

- Brosge, W. P., written communication, Feb. 15, 1968.
- Brosge, W. P., Reiser, H. N., and Tailleur, I. L., 1967, Copper analysis of selected samples, southwestern Brooks Range, Alaska: U.S. Geol. Survey open-file rept., map.



Index map showing location of the Amblor River quadrangle.

POCKET CONTAINS
1 ITEMS.

101 }
70 } to accompany
Weld - Int. 2905
1083 }

U. S. GEOLOGICAL SURVEY
Washington, D. C.
20242

For release JULY 24, 1968

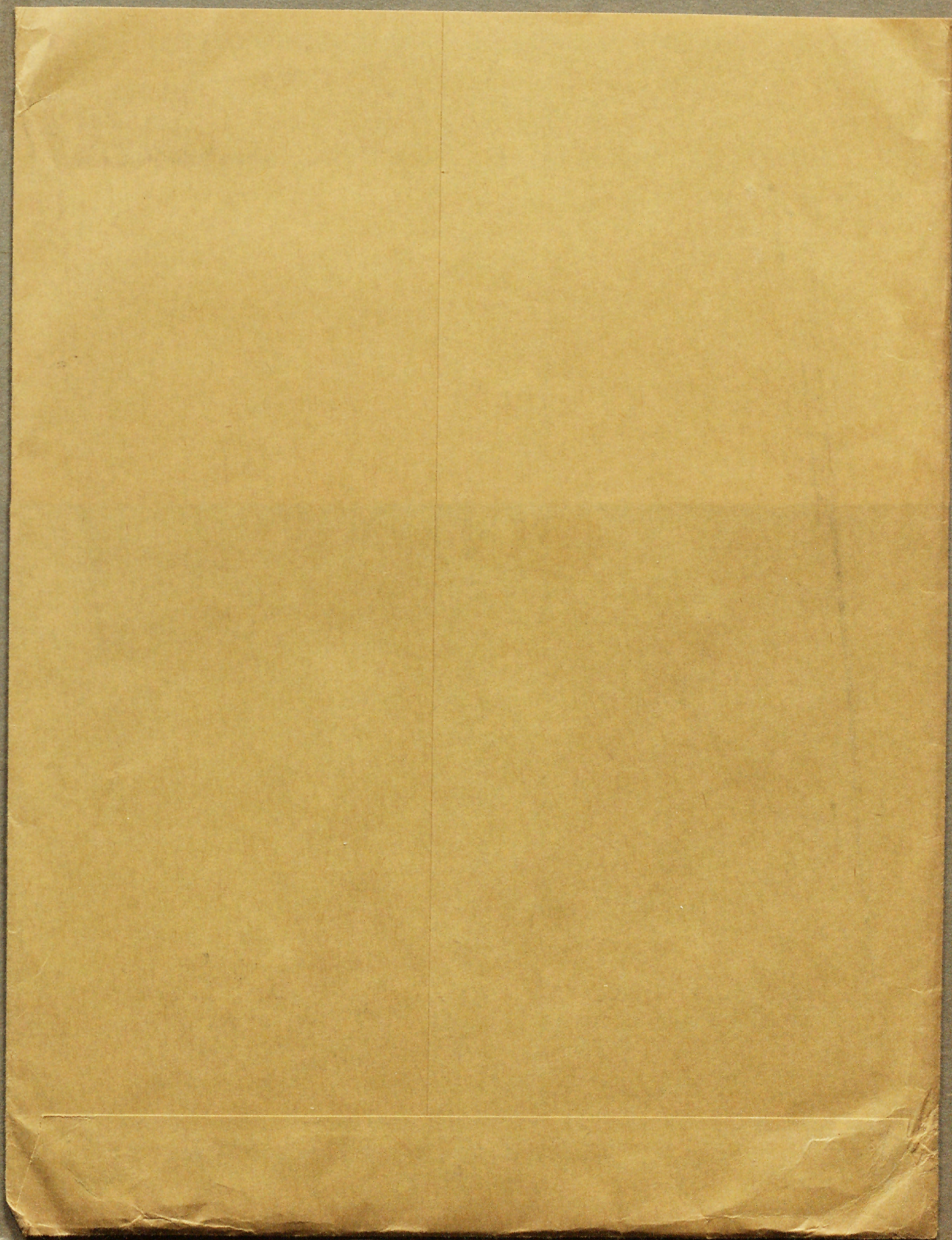
The U. S. Geological Survey is releasing in open files the following reports. Copies are available for consultation in the Geological Survey Libraries, 1033 GSA Bldg., Washington, D.C. 20242; Bldg. 25, Federal Center, Denver, Colo. 80225; and 345 Middlefield Rd., Menlo Park, Calif. 94025. Copies are also available for consultation in the 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 Minerals, 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 Geology Branch, USGS, 345 Middlefield Rd., Menlo Park, Calif. 94025.

1. Metallic mineral resources map of the Baird Mountains quadrangle, Alaska, compiled by Edward H. Cobb. 2 p., 1 map, scale 1:250,000.
2. Metallic mineral resources map of the Ambler River quadrangle, Alaska, compiled by Edward H. Cobb. 3 p., 1 map, scale 1:250,000.
3. Metallic mineral resources map of the Shungnak quadrangle, Alaska, compiled by Edward H. Cobb. 3 p., 1 map, scale 1:250,000.
4. Metallic mineral resources map of the Hughes quadrangle, Alaska, compiled by Edward H. Cobb. 3 p., 1 map, scale 1:250,000.
5. Metallic mineral resources map of the Ruby quadrangle, Alaska, compiled by Edward H. Cobb. 5 p., 1 map, scale 1:250,000.
6. Metallic mineral resources map of the Ophir quadrangle, Alaska, compiled by Edward H. Cobb. 3 p., 1 map, scale 1:250,000.
7. Metallic mineral resources map of the Iditarod quadrangle, Alaska, compiled by Edward H. Cobb. 5 p., 1 map, scale 1:250,000.
8. Metallic mineral resources map of the Medfra quadrangle, Alaska, compiled by Edward H. Cobb. 3 p., 1 map, scale 1:250,000.
9. Metallic mineral resources map of the McGrath quadrangle, Alaska, compiled by Edward H. Cobb. 3 p., 1 map, scale 1:250,000.

* * *





USGS LIBRARY - RESTON



3 1818 00082724 4