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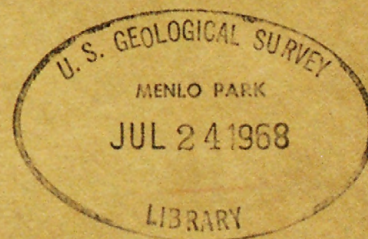


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Metallic mineral resources map of the
Hughes quadrangle, Alaska.



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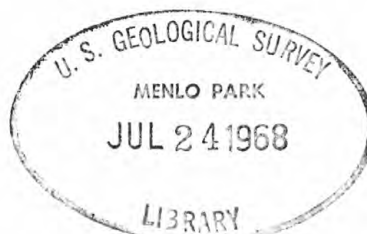
METALLIC MINERAL RESOURCES MAP OF THE HUGHES QUADRANGLE, ALASKA

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

01 }
90 } to accompany
085 } Weld - Int. 2905

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

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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.
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* * *



LODE DEPOSITS

| <u>Number</u> | <u>Name and principal reference</u> | <u>Commodity</u> <u>1/</u> |
|---------------|--|----------------------------|
| 1 | Lake Selby: Patton and Miller (1966), locality 4 | Cu |
| 2 | Unnamed occurrence: Patton and Miller (1966), locality 5 | Mn |
| 3 | Black Creek: Miller and Ferrians (1968), p. 5-6 | Cu |
| 4 | Indian River: Joesting (1942), p. 29 | Mo |
| 5 | Indian River: Miller and Ferrians (1968), p. 5 | Zn |

1/ Symbols - Cu, copper; Mn, manganese; Mo, molybdenum; Zn, zinc.

PLACER DEPOSITS

| <u>Number</u> | <u>Name and principal reference(s)</u> | <u>Commodity</u> <u>1/</u> , <u>2/</u> |
|---------------|--|--|
| 6 | Bear Creek (Hogatza): Miller and Ferrians (1968), p. 9; unpublished data | Au, Pt, Sn |
| 7 | Hughes Bar: Smith (1913), p. 142; Reed (1938), p. 163 | Au |
| 8 | Pocahontas Creek: Eakin (1913), field notes; Eakin (1916), p. 83 | Au |
| 9 | Black Creek: Eakin (1916), p. 83-84 Felix Creek (Fork): Smith (1913), p. 143; Martin (1919), 39 Indian River: Eakin (1916), p. 82-84; U.S. Geological Survey (1965), p. A102; Patton and Miller (1966) Snyder Creek: Smith (1913), p. 143 | Au Au Au Au |
| 10 | Red Mountain: Eakin (1914), p. 383; Reed (1938), p. 163 | Au |
| 11 | Helpmejack Creek: Mendenhall (1902), p. 50 | Au |
| 12 | Rocky Bottom Creek: Mendenhall (1902), p. 50 | Au |

1/ Symbols - Au, gold; Pt, platinum-group metals; Sn, tin.

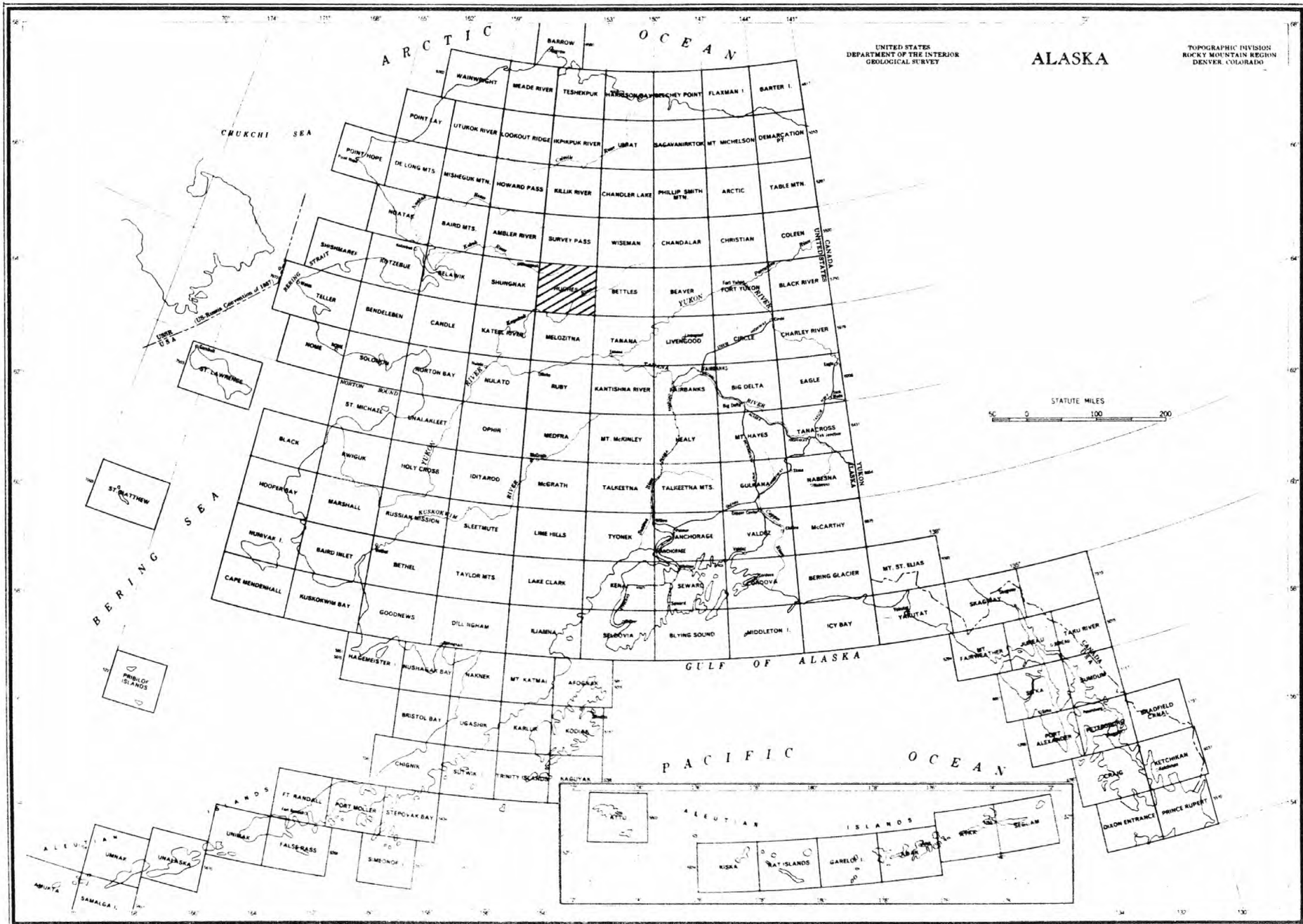
2/ Gold has been produced from the listed placers.

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- Patton, W. W., Jr., and Miller T. P., 1966, Regional geologic map of the Hughes quadrangle, Alaska: U.S. Geol. Survey Misc. Geol. Inv. Map I-459.
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- U.S. Geological Survey, 1965, Geological Survey research, 1965: U.S. Geol. Survey Prof. Paper 525-A, p. A1-A376.

SOURCE OF DATA ON DISTRIBUTION OF GRANITIC ROCKS

- Patton, W. W., Jr., and Miller, T. P., 1966, Regional geologic map of the Hughes quadrangle, Alaska: U.S. Geol. Survey Misc. Geol. Inv. Map I-459.



Index map showing location of the Hughes quadrangle.

