

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

METALLIC MINERAL RESOURCES MAP OF THE RUBY QUADRANGLE, ALASKA

Compiled by  
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Open-file map  
1968

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(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
1	Beaver (New York) Creek: Brown (1926), p. 145-150; Mertie (1937), p. 175-176	Au, Pb, <u>Ag</u>
<u>1/</u>	Symbols - Au, gold; Pb, lead; Ag, silver.	
<u>2/</u>	Symbol underlined indicates recorded production.	

PLACER DEPOSITS

<u>Number</u>	<u>Name and principal references(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
2	Ruby Creek: Mertie and Harrington (1916), p. 260; Mertie (1936), p. 144	Au, Sn
3	Glacier Creek: White and Stevens (1953), p. 3; Chapman, Coats, and Payne (1963), p. 37, 46-47	Bi, Au, Sn
4	Big Creek: Mertie (1936), p. 144-145; Chapman, Coats, and Payne (1963), p. 37, 40, <u>44-46</u>	Au, Sn
5	Cox Pup (Gulch): Chapman, Coats, and Payne (1963), p. 40, <u>44-46</u>	Au, Sn
6	Straight Creek: Chapman, Coats, and Payne (1963), p. 42-44	Au, Sn
7	Crooked Creek: Chapman, Coats, and Payne (1963), p. <u>42-43</u>	Au, Sn
8	Lucky Creek: Eakin (1914), p. 367	Au
9	Birch Creek: White and Stevens (1953), p. 3-4, 7; Chapman, Coats, and Payne (1963), p. 37, 40, 42-44	Bi, Au, RE, Sn
10	Swift Creek: Mertie (1936), p. 145, 155	Au
11	Willow Creek: Mertie and Harrington (1916), p. 243	Au
12	Bear Gulch (Pup): Mertie (1936), p. 146, 148-151	Au, Sn
13	Long Creek: Mertie (1936), p. 146-151; Mertie (1937), p. 173	Au, Sn
<u>1/</u>	Symbols - Bi, bismuth; Au, gold; RE, mineral (other than monazite) that contains rare-earth element(s); Sn, tin.	
<u>2/</u>	Gold has been produced from most and tin from several of the listed placers.	

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <sup>1/</sup> , <sup>2/</sup>
14	Fifth of July Creek: Chapman, Coats, and Payne (1963), p. 49	Au, Sn
15	Short Creek: Mertie (1936), p. 151; Chapman, Coats, and Payne (1963), p. 48-49	Au, Sn
16	Glen Gulch: Mertie (1936), p. 158	Au
17	Flint Creek: Mertie (1936), p. 148-149, 157-158; White and Stevens (1953), p. 4-9; Chapman, Coats, and Payne (1963), p. 40, 49-50	Au
18	Trail Creek: Mertie (1936), p. 148-149, 156-157; Joesting (1943), p. 20; Chapman, Coats, and Payne (1963), p. 37, 50	Au, Pb, Sn, W
19	Granite Creek: Moffit (1927), p. 33	Au, Pt
20	Flint Creek: Mertie (1936), p. 148-149, 157-158; White and Stevens (1953), p. 4-9; Chapman, Coats, and Payne (1963), p. 40, 49-50	RE, Sn
21	Flat Creek: Chapman, Coats, and Payne (1963), p. 48	Au
22	Midnight Creek: Joesting (1943), p. 20; Chapman, Coats, and Payne (1963), p. 37, 40-42	Au, Sn, W
23	Greenstone Creek: Mertie (1936), p. 146, 152-153; Chapman, Coats, and Payne (1963), p. 37, 40, 47-48 Greenstone Gulch: Mertie (1936), p. 152-153	Au, Sn Au
24	Monument Creek: Mertie (1936), p. 153-154; Chapman, Coats, and Payne (1963), p. 51	Au, Sn
25	Ophir Creek: Eakin (1914), p. 367-368; Cass (1959)	Au
26	Meketchum Creek: Mertie (1936), p. 155	Au
27	Fourth of July Creek: Brooks (1918), p. 57	Au
28	Spruce Creek: Mertie and Harrington (1916), p. 244; Chapin (1919), p. 337	Au, Sn

<sup>1/</sup> Symbols - Au, gold; Pb, lead; Pt, platinum-group metals; RE, mineral (other than monazite) that contains rare-earth element(s); Sn, tin; W, tungsten

<sup>2/</sup> Gold has been produced from most and tin from several of the listed placers.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
29	Tamarack Creek: Mertie and Harrington (1916), p. 244-245; Chapin (1919), p. 337 Willow Gulch: Brooks (1915), p. 58	Au, Sn Au
30	Duncan Creek: Mertie (1936), p. 163 Little Pup: Mertie (1936), p. 163 Poorman Creek: Mertie and Harrington (1916), p. 247-248, 265; Mertie (1936), p. 157-162, 165-166 Tenderfoot Creek: Eakin (1914), p. 368-369	Au Au Au, Sn Au
31	Beaver Creek: Mertie (1936), p. 169	Au
32	Poorman Creek: Mertie and Harrington (1916), p. 247-248, 265; Mertie (1936), p. 158-162, 165-166	Au, Sn
33	Solomon Creek: Mertie (1936), p. 164-165; White and Stevens (1953), p. 1, 9	FM, Au, RE
34	Flat Creek: Chapin (1919), p. 337; Mertie (1936), p. 166-167	Au, Sn
35	Timber Creek: Smith (1941), p. 50	Au
36	Moose Creek: Mertie (1936), p. 168-169	Au
37	American Creek: Mertie and Harrington (1916), p. 220	Au
38	Baker Creek: Mertie and Harrington (1916), p. 220	Au

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>
Basin Creek: Mertie and Harrington (1916), p. 243, 265	Au
Elk Creek: Brooks (1918), p. 58	Au

1/ Symbols - FM, fissionable materials (other than monazite); Au, gold; RE, mineral (other than monazite) that contains rare-earth element(s); Sn, tin.

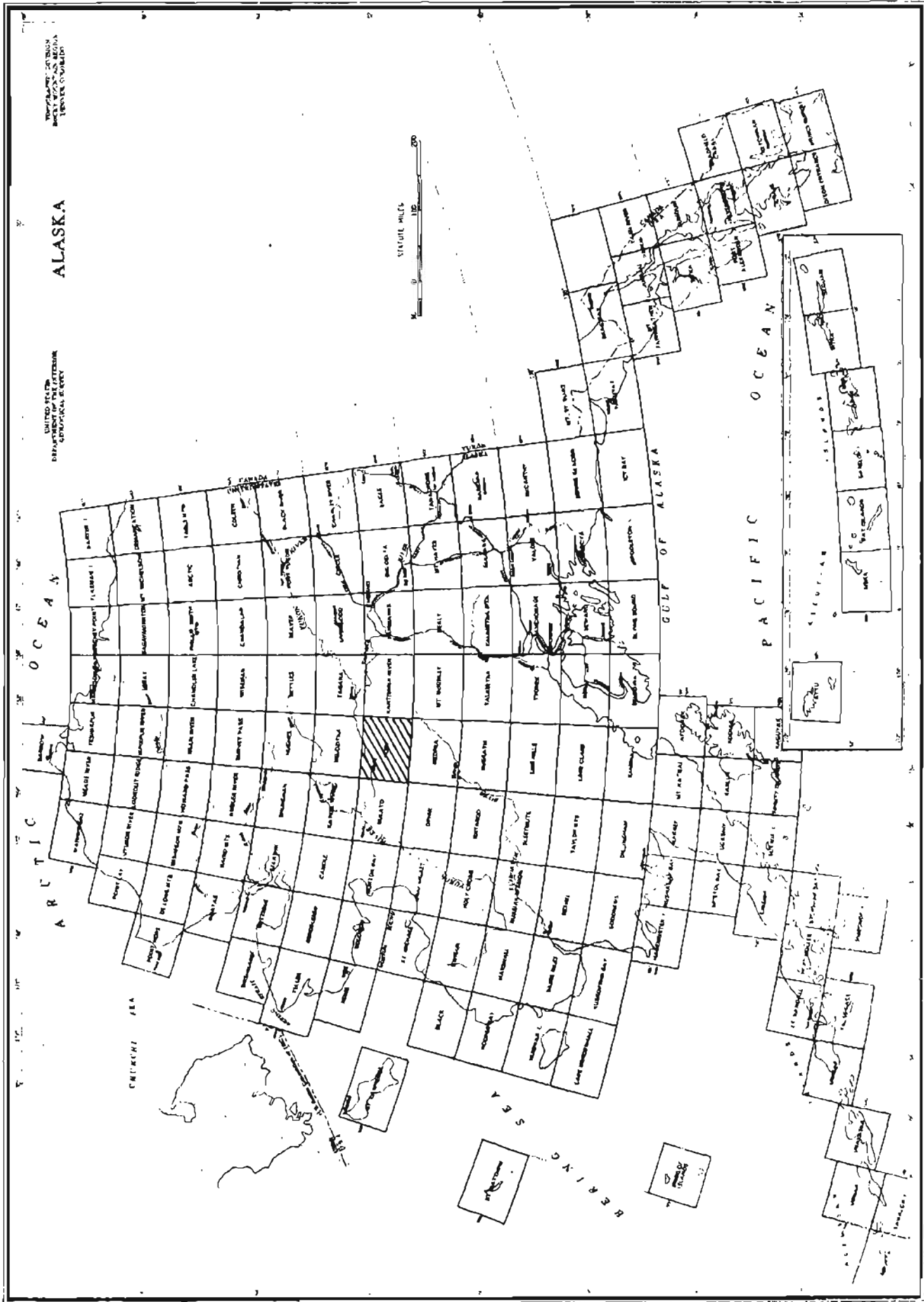
2/ Gold has been produced from most and tin from several of the listed placers.

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## SOURCE OF DATA ON DISTRIBUTION OF GRANITIC ROCKS

- Cass, J. T., 1959, Reconnaissance geologic map of the Ruby quadrangle, Alaska: U.S. Geol. Survey Misc. Geol. Inv. Map I-289.



Index map showing location of the Ruby quadrangle.