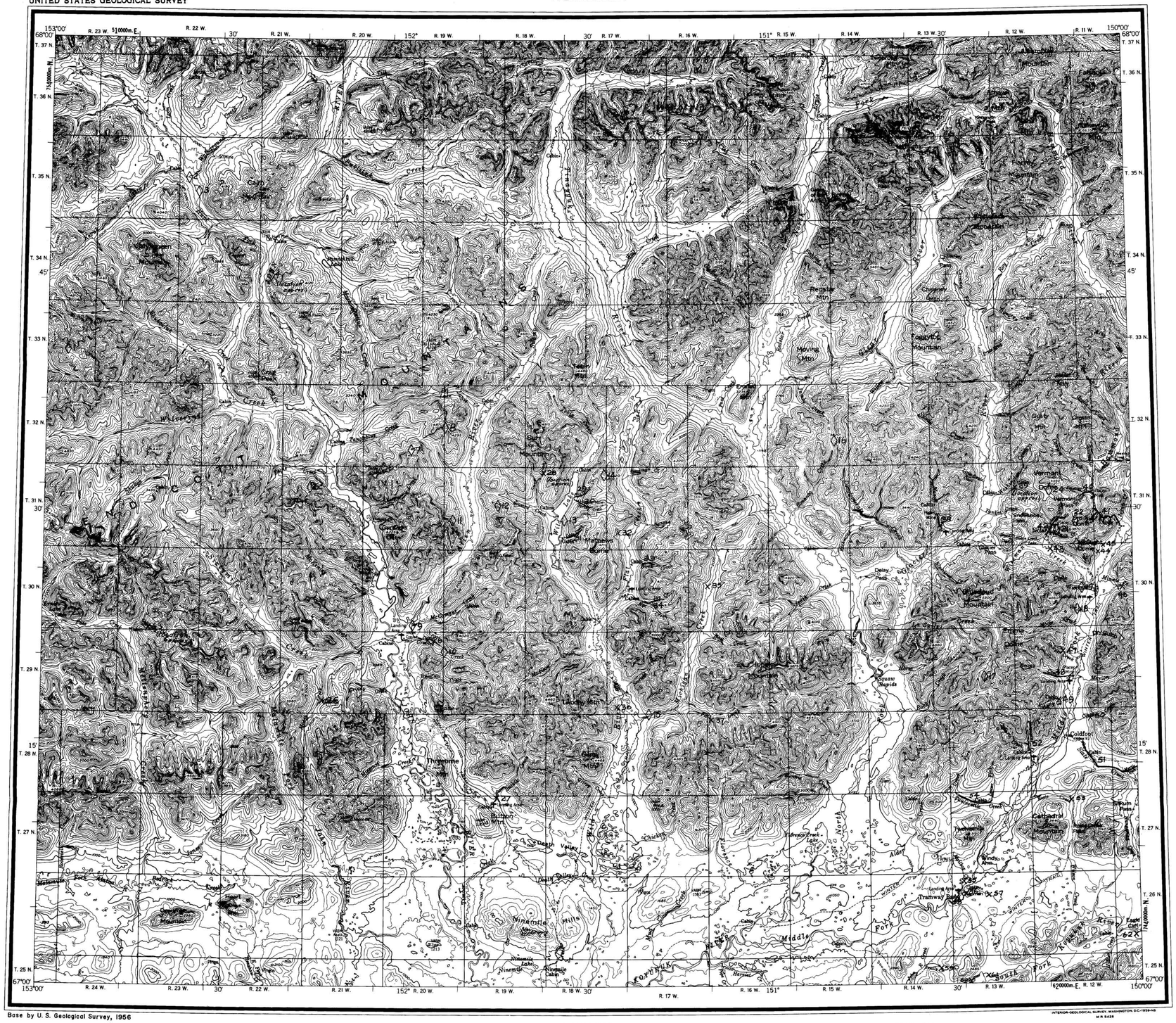
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

WISEMAN

MISCELLANEOUS FIELD STUDIES
MAP MF-469



EXPLANATION

◊8 Lode deposit
X32 Placer deposit
(38)
} numbers refer to accompanying list

METALLIC MINERAL RESOURCES MAP OF THE WISEMAN QUADRANGLE, ALASKA

Compiled by Edward H. Cobb, 1972

LODE DEPOSITS

Number	Name and principal reference(s)	Commodity 1/
1	Unnamed occurrence: Brosgé and Reiser, 1960	Cu
2-3	Hunt Fork: Brosgé and Reiser, 1960	Pb
4	John River: Joesting, 1942, p. 14	Sb
5-7	Unnamed occurrences: Brosgé and Reiser, 1960	Cu
8	Unnamed occurrence: Brosgé and Reiser, 1960	Cu, Pb
9	Allen River: Brosgé and Reiser, 1960	Cu
10	Crevice Creek: Brosgé and Reiser, 1960	Cu, Pb
11-12	Unnamed occurrences: Brosgé and Reiser, 1960	Cu
13	Wild Lake: Brosgé and Reiser, 1960	Cu
14	Unnamed occurrence: Brosgé and Reiser, 1960	Cu
15	Michigan Creek (Silver King): Smith and Mertie, 1930, p. 343; Reed, 1938, p. 139-140; Brosgé and Reiser, 1960	Au, Pb, Ag
16	Unnamed occurrence: Brosgé and Reiser, 1960	Pb
17	Emma Dome: Brosgé and Reiser, 1972, p. 20 Unnamed occurrence: Brosgé and Reiser, 1960	Au, Ag Cu
18	Cow Creek: Brosgé and Reiser, 1960	Cu
19	Wiseman: Brosgé and Reiser, 1960	Cu
20	Ferguson (Midnight Dome): Ebbley and Wright, 1948, p. 38; Brosgé and Reiser, 1972, p. 9	Sb, Au
21	Smith Creek (Jones & Boyle, Wannemaker & Wortman): Ebbley and Wright, 1948, p. 37-38; Brosgé and Reiser, 1972, p. 9	Sb, Au
22	Fay Gulch (Smith Creek Dome): Ebbley and Wright, 1948, p. 37; Brosgé and Reiser, 1972, p. 8-9 Thompson Pup: Brosgé and Reiser, 1972, p. 8, 12	Sb, Au Au, Ag
23	Hammond River: Brosgé and Reiser, 1960	Pb
24	Vermont Dome: Brosgé and Reiser, 1960	Cu

PLACER DEPOSITS

Number	Name and principal reference(s)	Commodity 1/, 2/
25	Midas Creek: Maddren, 1913, p. 110; Alaska Dept. Mines, 1952, p. 61	Au
26	Crevice Creek: Maddren, 1913, p. 70, 110; Brosgé and Reiser, 1960	Au
27	Suckik Creek: Alaska Dept. Mines, 1948, p. 37	Au
28	Sirr (Surr) Creek: Reed, 1938, p. 122	Au
29	Surprise (Summit) Creek: Smith, 1932, p. 38-39; Smith, 1933, p. 39-40; Reed, 1938, p. 116-119	Au
30	Spring Creek: Maddren, 1913, p. 110; Reed, 1938, p. 119-121	Au
31	Lake Creek: Maddren, 1913, p. 109; Smith and Mertie, 1930, p. 333; Reed, 1938, p. 123-126; Joesting, 1943, p. 17	Sb, Bi, Cu, Au, W
32	Oregon Creek: Reed, 1938, p. 131	Au
33	Birch Creek: Maddren, 1913, p. 109; Reed, 1938, p. 131-132	Au
34	Eagle Gulch: Reed, 1938, p. 136 Jay Creek: Brooks, 1916, p. 65; Reed, 1938, p. 134-136 Rye Creek: Reed, 1938, p. 132-134; White, 1952, p. 8-11	Au Au Cu, Au, Pb, Ms, W
35	Kay Creek: Reed, 1938, p. 136-137	Au
36	Galena Creek: Reed, 1938, p. 138-139	Pb
37	Bourbon Creek: Reed, 1938, p. 141	Au
38	Mascot Creek: Maddren, 1913, p. 70, 108-109; Reed, 1938, p. 82-87	Au
39	Washington Creek: Maddren, 1913, p. 70, 108; Reed, 1938, p. 81	Au
40	Vermont Creek: Maddren, 1913, p. 69, 97-98; Reed, 1938, p. 55-56	Au
41	Buckeye Gulch: Maddren, 1913, p. 96-97 Goldbottom Gulch: Maddren, 1913, p. 96-97; Reed, 1938, p. 57-58 Hammond River: Maddren, 1913, p. 95-96; Reed, 1938, p. 49-55 Swift Gulch: Maddren, 1913, p. 69, 96-97	Au Au Au Au
42	Acme Creek: Reed, 1938, p. 78-79 Archibald Gulch: Maddren, 1913, p. 92-93; Reed, 1938, p. 75-77 Fay Gulch: Maddren, 1913, p. 92-94; Reed, 1938, p. 77-78 Nolan Creek: Maddren, 1913, p. 92-94; Reed, 1938, p. 62-72 Quartz Pup: Alaska Dept. Mines, 1946, p. 38 Smith Creek: Maddren, 1913, p. 92-94; Reed, 1938, p. 72-75; Joesting, 1943, p. 17 Thompson Gulch: Alaska Dept. Mines, 1958, p. 48 Webster Gulch: Alaska Dept. Mines, 1946, p. 44	Au Au Au Au Au Sb, Au Au Au
43	Wiseman Creek: Maddren, 1913, p. 91-92	Au
44	Union Gulch: Maddren, 1913, p. 69, 95	Au
45	Confederate Gulch: Maddren, 1913, p. 95	Au
46	Minnie Creek: Maddren, 1913, p. 69, 94-95	Au
47	Sawyer Creek: Maddren, 1913, p. 91	Au
48	Emma Creek: Maddren, 1913, p. 69, 90-91; Reed, 1938, p. 88-90	Au
49	Kelly Gulch: Maddren, 1913, p. 69, 89	Au
50	Clara Creek (Gulch): Maddren, 1913, p. 69, 89; Smith, 1936, p. 43	Au
51	Myrtle Creek: Maddren, 1913, p. 86-89; Reed, 1938, p. 93-94 Slate Creek: Maddren, 1913, p. 86-88; Reed, 1938, p. 91-93	Au Au
52	Porcupine Creek: Maddren, 1913, p. 69, 86; Reed, 1938, p. 101-103 Quartz Creek: Reed, 1938, p. 104	Au Au
53	Rose (Rosie) Creek: Maddren, 1913, p. 86; Reed, 1938, p. 104	Au
54	Twelvemile Creek: Maddren, 1913, p. 69, 85; Reed, 1938, p. 105-110	Au
55	Mailbox Creek: Smith, 1937, p. 45	Au
56-57	Chapman Creek: Maddren, 1913, p. 85	Au
58	Tramway Bar: Maddren, 1913, p. 69, 84-85	Au
59	Smally Creek: Reed, 1938, p. 158-160	Au
60	Hanshaw Bar: Reed, 1938, p. 155	Au
61	Grubstake Bar: Maddren, 1913, p. 70, 107	Au
62	Eagle Cliff: Maddren, 1913, p. 70, 107	Au
63	Colorado (Mattenpberg, Macklenberg) Creek: Smith, 1913, p. 143-144; Reed, 1938, p. 143	Au

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

Blake Creek: Brooks, 1908, p. 45	Au
Fool Creek: Maddren, 1913, p. 110; Brooks and Cappa, 1924, p. 46	Au
Granite Creek: Alaska Dept. Mines, 1948, p. 43	Au
John River: Schrader, 1904, p. 104; Brooks, 1905, p. 30	Cu, Au(?)
Julian Creek: Brooks, 1908, p. 45	Au
Trail Creek: Alaska Dept. Mines, 1952, p. 56	Au

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REFERENCES

Alaska Department of Mines, 1946, Rept. Commissioner Mines, biennium ended Dec. 31, 1946, 50 p.
_____1948, Rept. Commissioner of Mines, biennium ended Dec. 31, 1948, 50 p.
_____1952, Rept. Commissioner of Mines, biennium ended Dec. 31, 1952, 65 p.
_____1958, Rept. Commissioner of Mines, biennium ended Dec. 31, 1958, 83 p.
Brooks, A. H., 1905, Placer mining in Alaska in 1904: U.S. Geol. Survey Bull. 259, p. 18-31.
_____1908, The mining industry in 1907: U.S. Geol. Survey Bull. 345, p. 30-53.
_____1916, The Alaska mining industry in 1915: U.S. Geol. Survey Bull. 642, p. 16-71.
Brooks, A. H., and Capps, S. R., 1924, The Alaskan mining industry in 1922: U.S. Geol. Survey Bull. 755, p. 3-56.
Brosgé, W. P., and Reiser, H. N., 1960, Progress map of the geology of the Wiseman quadrangle, Alaska: U.S. Geol. Survey open-file report.
_____1972, Geochemical reconnaissance in the Wiseman and Chandalar districts and adjacent region, southern Brooks Range, Alaska: U.S. Geol. Survey Prof. Paper 709, 21 p.
Ebbley, Norman, Jr., and Wright, W. S., 1948, Antimony deposits in Alaska: U.S. Bur. Mines Rept. Inv. 4173, 41 p.
Joesting, H. R., 1942, Strategic mineral occurrences in interior Alaska: Alaska Dept. Mines Pamph. 1, 46 p.
_____1943, Supplement to Pamphlet No. 1 - Strategic mineral occurrences in interior Alaska: Alaska Dept. Mines Pamph. 2, 28 p.
Maddren, A. G., 1913, The Koyukuk-Chandalar region, Alaska: U.S. Geol. Survey Bull. 532, 119 p.
Reed, J. McK., 1938, Upper Koyukuk region, Alaska: Alaska Dept. Mines unpub. report, 169 p.
Schrader, F. C., 1904, A reconnaissance in northern Alaska across the Rocky Mountains, along Koyukuk, John, Anaktuvuk, and Colville rivers and the Arctic coast to Cape Lisburne, in 1901: U.S. Geol. Survey Prof. Paper 20, 139 p.
Smith, P. S., 1913, The Noatak-Kobuk region, Alaska: U.S. Geol. Survey Bull. 536, 160 p.
_____1932, Mineral industry of Alaska in 1929: U.S. Geol. Survey Bull. 824, p. 1-81.
_____1933, Mineral industry of Alaska in 1930: U.S. Geol. Survey Bull. 836, p. 1-83.
_____1936, Mineral industry of Alaska in 1934: U.S. Geol. Survey Bull. 868-A, p. 1-91.
_____1937, Mineral industry of Alaska in 1935: U.S. Geol. Survey Bull. 880-A, p. 1-95.
Smith, P. S., and Mertie, J. B., Jr., 1930, Geology and mineral resources of northwestern Alaska: U.S. Geol. Survey Bull. 815, 351 p.
White, M. G., 1952, Radioactivity of selected rocks and placer concentrates from northeastern Alaska: U.S. Geol. Survey Circ. 195, 12 p.

1/ Symbols - Sb, antimony; Bi, bismuth; Cu, copper, Au, gold; Pb, lead; Ms, monazite; Ag, silver, W, tungsten.

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

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