UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

METALLIC MINERAL RESOURCES MAP of the BENDELEBEN QUADRANGLE, ALASKA

Compiled by

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Open-file map

1967

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

LODE DEPOSITS

Number	Name and principal reference(s)	Commodity [1], [2]
1	Kougarok River: Smith (1908), p. 244	Cu
2	Harris Creek: Anderson (1947), p. 31	Pb
3	Inmachuk River: Mertie (1918a), p. 446; Anderson (1947), p. 30	Fe, Pb, Ag
4	Hannum: Mulligan (1965), p. 1-16	Pb, Mn, Ag, Zn
	Harry (Harrys) Creek: Moffit (1905), p. 54; Herreid (1966), p. 5-6, 24-25	Pb, Ag, Zn
5	Hannum Creek: Mulligan (1965), p. 5-6, 24-25	Pb, Zn
6	Independence (Purkeypile & Ford): Cathcart (1920), p. 195; Brooks (1923), p. 43; Brooks and Capps (1924), p. 47; Anderson (1947), p. 31-32	Au, Pb, Ag, Zn
7	Patterson Creek: Anderson (1947), p. 31	Pb
8	Unnamed occurrence: Smith and Eakin (1911), p. 135; Anderson (1947), p. 20	Cu, Au
9	Crooked Creek: Collier, Hess, Smith, and Brooks (1908), p. 262	Au
10	Crooked Creek: Collier, Hess, Smith, and Brooks (1908), p. 244	Au
11	Omilak: Smith and Eakin (1911), p. 130-133; Mulligan (1962), p. 2, 7, 13-14, 39, 41-42	Sb, Cu, Au, Pb, Ag, Sn
12	Dry Creek: Unpublished data	Pb
	Foster: Mulligan (1962), p. 2, 7, 39-40	Cu, Au, Pb, Ag, Sn, Zn
13	Unnamed occurrence: Mulligan (1962), p. 43	Pb
14	Otter Creek: Herreid (1965), p. 5-6	Au, Ag
15	Timber Creek: Smith and Eakin (1911), p. 134	Cu, Au, Ag

[1] Symbols - Sb, antimony; Cu, copper; Au, gold, Fe, iron, Pb, lead; Mn, manganese; Ag, silver; Sn, tin; Zn, zinc.

[2] Symbol underlined indicates recorded production.

PLACER DEPOSITS

Number	Name and principal reference(s)	Commodity 1/, 2/
16	Humboldt Creek: Knopf (1908), p. 266; Moxham and West (1953), p. 4	Au, Sn
17	Mascot Gulch: Collier, Hess, Smith, and Brooks (1908), p. 320	Au, Sn
18	Trinity Creek: Brooks (1907), p. 179	Au
19-21	Kougarok River: Collier, Hess, Smith, and Brooks (1908), p. 306-309, 315-320	Au
22	Macklin Creek: Smith (1942), p. 58	Au
23	Taylor Creek: Collier, Hess, Smith, and Brooks (1908), p. 324-325	Au
24	Solomon (Salmon) Creek: Collier, Hess, Smith, and Brooks (1908), p. 308, 325	Au
25	Henry Creek: Collier, Hess, Smith, and Brooks (1908), p. 324	Au
26	Dreamy Gulch: Collier, Hess, Smith, and Brooks (1908), p. 324	Au
27	California Creek: Collier, Hess, Smith, and Brooks (1908), p. 324	Au
28	Arizona Creek: Collier, Hess, Smith, and Brooks (1908), p. 324; Smith (1909), p. 296	Au
29	Coarse Gold Creek: Collier, Hess, Smith, and Brooks (1908), p. 323	Au
30	Eureka Creek: Collier, Hess, Smith, and Brooks (1908), p. 321	Au
31	Harris Creek: Collier, Hess, Smith, and Brooks (1908), p. 321-323; Anderson (1947), p. 31	Au, Pb
32	Kougarok River, North Fork: Collier, Hess, Smith, and Brooks (1908), p. 321, 323	Au

1/ Symbols - Au, gold; Pb, lead; Sn, tin.

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

Number	Name and principal reference(s)	Commodity 1/, 2/
33	Homestake Creek: Collier, Hess, Smith, and Brooks (1908), p. 325-326; Anderson (1947), p. 43	Au, W
34	Anderson Gulch: Collier, Hess, Smith, and Brooks (1908), p. 321	Au
	Windy Creek: Collier, Hess, Smith, and Brooks (1908), p. 320-321	Au
35	Neva Creek: Collier, Hess, Smith, and Brooks (1908), p. 321	Au
36	Garfield Creek: Collier, Hess, Smith, and Brooks (1908), p. 313-314	Au
37	Joe Creek: Collier, Hess, Smith, and Brooks (1908), p. 311-312	Au
38	Dahl Creek: Collier, Hess, Smith, and Brooks (1908), p. 310-312	Au
	Quartz Creek: Collier, Hess, Smith, and Brooks (1908), p. 306, 311-312	Au
39-40	Coffee Creek: Collier, Hess, Smith, and Brooks (1908), p. 313	Au
41	Coffee Creek: Collier, Hess, Smith, and Brooks (1908), p. 313; Anderson (1947), p. 34	Au, Hg
	Eagle Gulch: Smith (1933), p. 40	Au
	Wonder Gulch: Smith (1934), p. 45; Anderson (1947), p. 28, 34	Au, Pb, Hg
42	Idaho Creek: Brooks (1901), p. 123	Au
43	Boulder Creek: Collier, Hess, Smith, and Brooks (1908), p. 314	Au
44	Winona Creek: Hopkins (1963), p. C94	Au
45	Grouse Creek: Hopkins (1963), p. C94	Au
46	Black Gulch (Creek): Hopkins (1963), p. C42, C92	Au
47	Buzzard Gulch: Hopkins (1963), p. C94	Au

1/ Symbols - Au, gold; Pb, lead; Hg, mercury; W, tungsten.

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

Number	Name and principal reference(s)	Commodity 1/, 2/
48	Goose Creek: Collier, Hess, Smith, and Brooks (1908), p. 314; Hopkins (1963), p. C94	Au
49	Noxapaga River: Hopkins (1963), p. C94	Au
50	Frost Creek: Hopkins (1963), p. C94	Au
51	Esperanza Creek: Henshaw (1910), p. 366	Au
52	Otter Creek (Foster): Herreid (1965), p. 5	Sn
53	Grouse Creek: West (1953), p. 3	Au
54	Camp Creek: Smith and Eakin (1911), p. 115-116	Au
55	Dixie Creek: Moffit (1905), p. 51, 64-65	Au
56	Glacier Creek: Henshaw (1909), p. 368-369	Au
57	Gold Run: Henshaw (1910), p. 371; Anderson (1947), p. 45 Trio Creek: Henshaw (1910), p. 371	Au, W Au
58	Chicago Creek: Moffit (1905), p. 67	Au
59	Kugruk River: Henshaw (1910), p. 369	Au
60	Jump Creek: Henshaw (1909), p. 364	Au
61	Patterson Creek: Smith (1942), p. 59	Au
62	Candle Creek: Henshaw (1909), p. 364-368; Harrington (1919), p. 391-392; Gault, Killeen, West, and others (1953), p. 11-14	Cu, FM, Au, Pb
63	Candle Creek: Henshaw (1909), p. 364-368; Harrington (1919), p. 391-392; Gault, Killeen, West, and others (1953), p. 11-14	Cu, FM, Au, Pb
64	Candle Creek: Henshaw (1909), p. 364-368; Harrington (1919), p. 391-392; Gault, Killeen, West, and others (1953), p. 11-14	Cu, FM, Au, Pb

1/ Symbols - Cu, copper; FM, fissionable materials (other than monazite); Au, gold, Pb, lead; W, tungsten.

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

Number	Name and principal reference(s)	Commodity 1/, 2/
65	Hannum Creek: Moffit (1905), p. 51-54; Anderson (1947), p. 31, 41	Au, Pb, Sn
	Milroy Creek: Anderson (1947), p. 31	Au
66	Collins Creek: Moffit (1905), p. 54	Au
67	Discovery Gulch: Smith (1941), p. 63	Au
	Inmachuk River: Moffit (1905), p. 58-60; Anderson (1947), p. 34; Hopkins (1963), p. C32	Au, Hg
68	Nelson Gulch: Moffit (1905), p. 56-57	Au
	Old Glory Creek: Moffit (1905), p. 54-56	Au, Sn
	Pinnell River: Moffit (1905), p. 57-58; Henshaw (1910), p. 368	Au
69	American Creek: Moffit (1905), p. 57; Anderson (1947), p. 41	Au, Sn
70	Perry Creek: Moffit (1905), p. 58; Hopkins (1910), p. C32, C94	Au
71	Cunningham Creek: Moffit (1905), p. 53-54; Anderson (1947), p. 31	Au, Pb
72	Goldbottom Creek: Collier, Hess, Smith, and Brooks (1908), p. 255	Au
73	Oxide Creek: Collier, Hess, Smith, and Brooks (1908), p. 244	Au
74-75	Ophir Creek: Smith and Eakin (1911), p. 117-121	Au
76	Crooked Creek: Moffit (1906), p. 139; Collier, Hess, Smith, and Brooks (1908), p. 244, 251-253, 262	Au
77	Albion Gulch (Creek): Collier, Hess, Smith, and Brooks (1908), p. 254; Smith and Eakin (1911), p. 121	Au
78	Balm of Gilead Gulch: Collier, Hess, Smith, and Brooks (1908), p. 254	Au

1/ Symbols - Au, gold; Pb, lead, Hg, mercury; Sn, tin.

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:

Name and principal reference(s)	Commodity 1/, 2/
Game (Gem) Creek: Smith (1941), p. 61; Smith (1942), p. 58	Au
Hot Springs Creek: Moxham and West (1953), p. 4, 6-11	FM, Hg, RE
Joseph Creek: Mertie (1918b), p. 454	Au
Kougarok Valley: Moxham and West (1953), p. 4	Hg
Merritt Gulch: Smith (1930), p. 35	Au
Pish River: Anderson (1947), p. 41	Sn
Quartz Creek tributaries: Anderson (1947), p. 43	W
Tubutulik River: Mendenhall (1901), p. 212; Cathcart (1920), p. 189	Au
Turner Creek: Collier (1902), p. 65-66; Smith (1939), p. 65	Au

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

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

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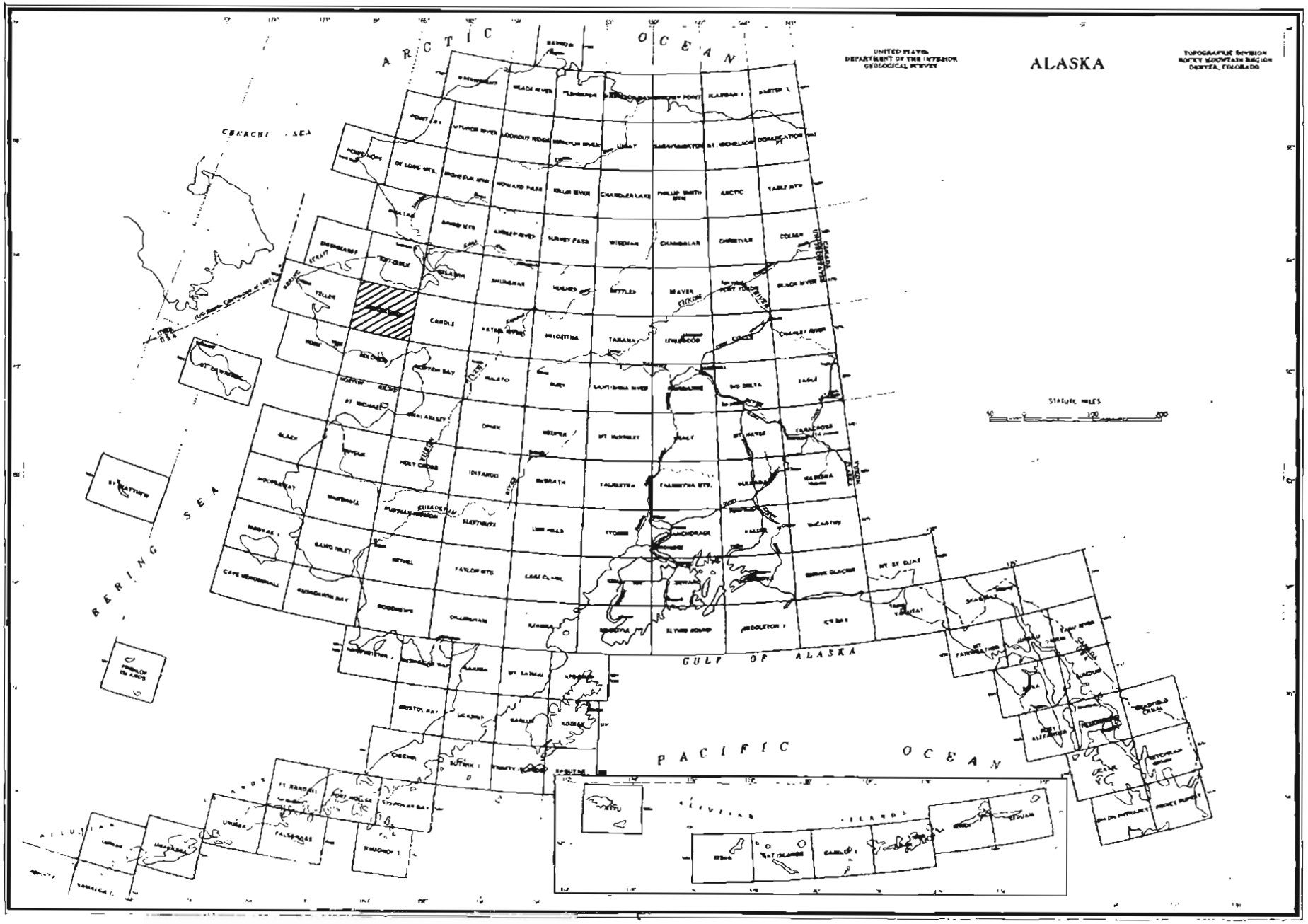

Index map showing location of the Bendeleben quadrangle.