UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

METALLIC MINERAL RESOURCES MAP OF THE SOLOMON 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	Slate Creek: Chapin (1914b), p. 405-406	Au
2	Wheeler (Iron Creek): Mertie (1918a), p. 441	Cu
3	Wheeler (Kruzgamepa River): Cathcart (1922), p. 182-183, 210-212	Pb, Ag, Zn
4	Iron Creek: Smith (1909), p. 345; Cathcart (1922), p. 217	Cu, Au
5	Benson Creek: Cathcart (1922), p. 215	Cu
	Wheeler (Sherrette Creek): Cathcart (1922), p. 212, 214-215	Cu, Au, Ag
6	Sherrette Creek: Cathcart (1922), p. 215	Cu
7	Dome Creek, Left Fort: Cathcart (1922), p. 216	Cu
8	Mount Dixon: Smith (1908), p. 243	Cu
9	Spruce Creek: Smith (1908), p. 238, 243	Cu, Au
10	Post Creek: Smith (1907a), p. 155	Au
11	Brookins: Anderson (1947), p. 12	Sb
12	Camp Creek: Smith (1907a), p. 155	Au
13	Moonlight Divide: Smith (1908), p. 243	Cu
14	West Creek: Smith (1910), p. 93, 148	Au
15	Flynn: Cathcart (1922), p. 198, 204	Au
16	Big Hurrah Creek: Anderson (1947), p. 11	Sb
	Quigley (Gray Eagle): Mertie (1918a), p. 439	Sb
17	Silver: Anderson (1947), p. 43	W
18	Unnamed occurrence: Cathcart (1922), p. 199-200	Cu

1/ Symbols - Sb, antimony; Cu, copper; Au, gold; Pb, lead; Ag, silver; W, tungsten; Zn, zinc.

2/ Symbol underlined indicates recorded production.

Number	Name and principal reference(s)	Commodity 1/, 2/
19	Big Hurrah: Smith (1910), p. 143-147; Cathcart (1922), p. 173-174, 179, 198, 200-204; Coats (1944), p. 1-2, 4; Anderson (1947), p. 43	Au, Ag, W
20	Bunker Hill: Cathcart (1922), p. 188	Cu, Au
21	Daniels Creek (Bluff): Cathcart (1922), p. 186-197	Au, Hg
22	Koyana Creek: Cathcart (1922), p. 186-188	Au
23	Fish River: Mertie (1918a), p. 446	Au, Pb, Hg
24	Carson Creek: Smith and Eakin (1911), p. 134-135	Cu

1/ Symbols - Cu, copper; Au, gold; Pb, lead; Hg, mercury; Ag, silver; W, tungsten.

2/ Symbol underlined indicates recorded production.

PLACER DEPOSITS

Number	Name and principal reference(s)	Commodity 1/, 2/
25	Rock Creek: Smith (1909), p. 320 Slate Creek: Smith (1909), p. 320-321	Au Au
26	Willow Creek: Smith (1909), p. 321	Au
27	Canyon Creek: Smith (1909), p. 329-330	Au
28	El Patron Creek: Smith (1909), p. 330	Au
29	Rocky Creek: Smith (1907b), p. 163	Au
30	Rabbit Creek: Smith (1909), p. 329	Au
31	Bobs Creek: Smith (1909), p. 327-328	Au
32	Barney Creek: Smith (1909), p. 327	Au
33	Iron (Dome, Telegram) Creek: Smith (1909), p. 322-327; Smith (1941), p. 61	Au, Hg

1/ Symbols - Au, gold; Hg, mercury.

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

Number	Name and principal reference(s)	Commodity 1/, 2/
34	Discovery Creek: Smith (1909), p. 330	Au
35	Easy Creek: Smith (1909), p. 328, 340-341	Au
36	Benson Creek: Smith (1909), p. 328-329; Cathcart (1922), p. 210	Au
37	Dome Creek, Left Fork: Smith (1909), p. 330-331	Au
38	Chickamin Gulch: Smith (1909), p. 341-342	Au
39	Hardluck Creek: Smith (1909), p. 331 Hobo Gulch: Smith (1909), p. 331	Au Au
40	Shoal Creek: Smith (1909), p. 331	Au
41	Penny Creek: Smith (1909), p. 331	Au
42	Adventuress Creek: Smith (1909), p. 331	Au
43	Oversight Creek: Smith (1909), p. 331	Au
44	Dividend Creek: Smith (1909), p. 331	Au
45	Ready Bullion Creek: Smith (1909), p. 331	Au
46	Sherrette Creek: Smith (1909), p. 331-333	Cu, Au
47	Auburn Ravine: Smith (1910), p. 204-206	Au, Hg
48	American Creek: Smith (1910), p. 46-47, 204	Au
49	Allgold Creek: Smith (1909), p. 337	Au
50	Boulder Creek: Smith (1910), p. 198	Au
51	Canyon Creek: Smith (1910), p. 197-199	Au
52	Sunshine Creek: Smith (1910), p. 197, 199	Au
53	Casadepaga River: Smith (1910), p. 184-189; Smith (1932), p. 46-47	Au
54-57	Casadepaga River: Smith (1910), p. 184-189	Au
58	Goose Creek: Smith (1910), p. 194, 196-197	Au

1/ Symbols - Cu, copper; Au, gold; Hg, mercury.

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

Number	Name and principal referenc(s)	Commodity 1/, 2/
59	Quartz Creek: Smith (1910), p. 194, 196-197	Au
60	Gold Moon Gulch: Smith (1910), p. 197	Au
61	Goose Creek: Smith (1910), p. 194-197	Au
62	Penelope Creek: Smith (1910), p. 193-194	Au
63	Lightning Creek: Smith (1910), p. 193	Au
64	Spruce Creek: Smith (1910), p. 193	Au
65	Thorp(e) Creek: Smith (1910), p. 192	Au
66	Dry Creek: Smith (1910), p. 193	Au
67	Dixon Creek: Smith (1910), p. 192	Au
68	Big Four Creek: Smith (1910), p. 191-192	Au
69	No Man Creek: Smith (1910), p. 191	Au
70	Dawson Creek: Smith (1910), p. 192	Au
71	Puckmummie Creek: Smith (1910), p. 190	Au
72-73	Banner Creek: Brooks (1901), p. 107, 109	Au
74	Wilson Creek: Smith (1909), p. 336-337	Au
75	Cahill Creek: Smith (1910), p. 202	Au
76	Lower Willow Creek: Smith (1910), p. 201-202	Au
77	Ridgeway Creek: Smith (1910), p. 202	Au
78	Casadepaga River: Smith (1910), p. 184-189; Chapin (1914a), p. 392; Smith (1936), p. 52	Au
79	Ruby Creek: Smith (1910), p. 199-201	Au
80	Moonlight Creek: Mertie (1918b), p. 455	Au
81	Casadepaga River: Smith (1910), p. 184-189; Smith (1939a), p. 69-70	Au

1/ Symbol - Au, gold.

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

Number	Name and principal reference(s)	Commodity 1/, 2/
82	Birch Creek: Collier, Hess, Smith, and Brooks (1908), p. 264	Au
83	Venetia Creek: Collier, Hess, Smith, and Brooks (1908), p. 221-222	Au
84	Pajara Creek: Alaska Dept. Mines (1946), p. 38	Au
85	Beaver Creek: Smith (1942), p. 56-57	Au
86	Mystery Creek: Smith (1910), p. 172-174	Au
	Problem Gulch (Creek): Smith (1910), p. 173, 175	Au
	Puzzle Gulch: Smith (1910), p. 173, 175	Au
87	West Creek: Smith (1910), p. 175-177	Cu, Au
88	Adams Creek: Smith (1910), p. 178	Au
89	Kasson Creek: Smith (1910), p. 177-178	Au
90	Shovel Creek: Smith (1910), p. 171-173	Au
91	Meddler Gulch: Smith (1910), p. 179-180	Au
92	Bear Gulch: Smith (1910), p. 179	Au
93	Sapphire Gulch: Smith (1910), p. 179	Au
94	Penny Creek: Smith (1910), p. 179	Au
95	Butte Creek: Smith (1910), p. 183	Au
	Butte Creek, South Fork: Smith (1910), p. 183	Au
96	Nugget Gulch (Creek): Smith (1910), p. 184	Au
97	Solomon River: Smith (1910), p. 169; Smith (1933), p. 47, 54	Au
98	Fox Creek: Smith (1910), p. 184	Au
99	Solomon River: Smith (1910), p. 168-169	Au
100	Big Hurrah Creek: Smith (1910), p. 180-182; Coats (1944), p. 3-4	Au, W
	Lion Creek: Collier, Hess, Smith, and Brooks (1908), p. 232	Au

1/ Symbols - Cu, copper; Au, gold; W, tungsten.

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

Number	Name and principal reference(s)	Commodity 1/, 2/
101	Jerome Creek: Smith (1910), p. 171	Au
	Moran Gulch: Smith (1910), p. 161	Au
	Quartz Creek: Smith (1910), p. 180	Au
	Solomon River: Smith (1910), p. 155-168; Smith (1942), p. 62; Coats (1944), p. 4	Au, W
102	Rabbit Creek: Smith (1910), p. 212-213	Au
103	Rock Creek: Smith (1910), p. 170-171	Au
104	Manila Creek: Smith (1910), p. 170	Au
105	Spruce Creek: Smith (1910), p. 203-204; Smith (1939a), p. 69-70	Au
106	California Creek: Smith (1942), p. 61-62	Au
107	Silverbow (Little Anvil) Creek: Collier, Hess, Smith, and Brooks (1908), p. 283, 293	Au
108	Ryan Creek: Collier, Hess, Smith, and Brooks (1908), p. 283, 293; Herreid (1965), p. 5	Au
109	Eldorado Creek: Cathcart (1922), p. 196; Herreid (1965), p. 5-6	Au, Hg
110	Daniels Creek: Collier, Hess, Smith, and Brooks (1908), p. 283-293; Cathcart (1922), p. 196	Au, Hg, W
111	Swede Creek (Gulch): Herreid (1965), p. 5, 8	Au, Hg
112	Koyana Creek: Collier, Hess, Smith, and Brooks (1908), p. 283, 289; Cathcart (1922), p. 185; Herreid (1965), p. 5	Au, Hg
113	Fox River: Smith and Eakin (1911), p. 117	Au
	I.X.L. Gulch: Collier, Hess, Smith, and Brooks (1908), p. 237-238	Au
114	Elkhorn Creek: Collier, Hess, Smith, and Brooks (1908), p. 256-257	Au
115	Camp Creek: Collier, Hess, Smith, and Brooks (1908), p. 256	Au
	Niukluk River: Collier, Hess, Smith, and Brooks (1908), p. 236, 238-239, 263	Au

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

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

Number	Name and principal reference(s)	Commodity 1/, 2/
116	Goldbottom Creek: Collier, Hess, Smith, and Brooks (1908), p. 254-255; Smith and Eakin (1911), p. 117, 222	Au, W
	Warm Creek: Collier, Hess, Smith, and Brooks (1908), p. 256	Au
117	Warm Creek: Collier, Hess, Smith, and Brooks (1908), p. 254-256	Au, W
118	Richter Creek: Collier, Hess, Smith, and Brooks (1908), p. 263	Au
119	Sweetcake Creek: Collier, Hess, Smith, and Brooks (1908), p. 250-251	Au
120	Dutch Creek: Smith and Eakin (1911), p. 120	Au
	Ophir Creek: Smith and Eakin (1911), p. 117-121	Au
121-122	Niukluk River: Collier, Hess, Smith, and Brooks (1908), p. 236, 238-239	Au
123	Basin Creek: Smith and Eakin (1911), p. 118; Smith (1930), p. 41	Au
	Benson Gulch: Smith (1932), p. 46	Au
	Melsing Creek: Collier, Hess, Smith, and Brooks (1908), p. 240-242	Au
124	Mud Creek: Collier, Hess, Smith, and Brooks (1908), p. 240	Au
	Mystery Creek: Collier, Hess, Smith, and Brooks (1908), p. 236, 240	Au
125	Aggie Creek: Smith (1939b), p. 67-68	Au
	Rock Creek: Smith (1929), p. 26	Au
126	Clear Creek: West (1953), p. 6-7	FM, RE, Sn, W
127	Kwiniuk River: West (1953), p. 6	Cu, RE, W
128	Golovnin Bay: West (1953), p. 4	FM, RE, W

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

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

Name and principal reference	Commodity 1/, 2/
Coca Cola Creek: Smith (1934), p. 51	Au
Rapid Creek: Smith (1907b), p. 163	Au
Tubutulik River: Mendenhall (1901), p. 212	Au

1/ Symbol - Au, gold.

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

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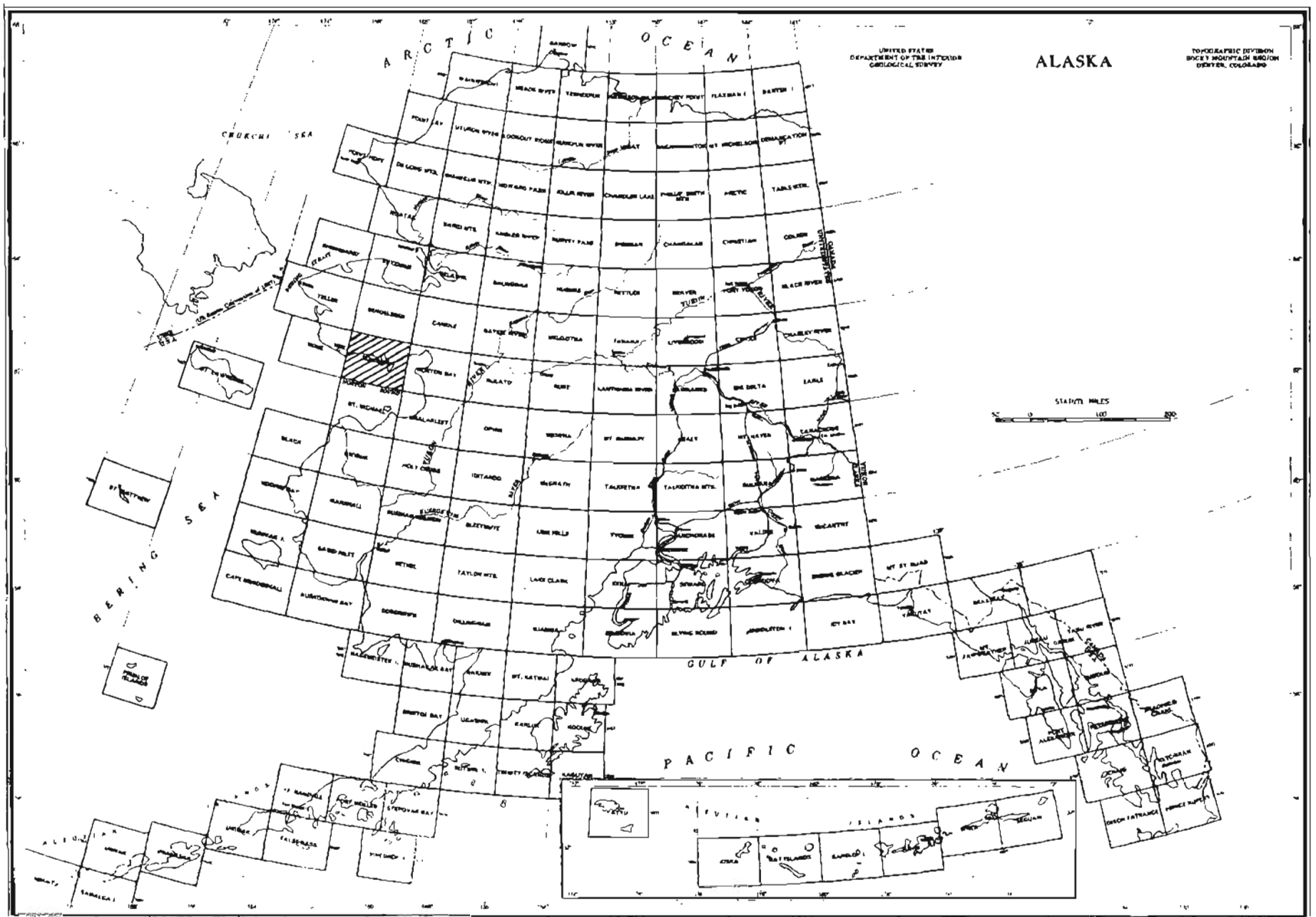
SOURCE OF DATA ON DISTRIBUTION OF GRANITIC ROCKS

Hopkins, D. M., unpublished compilation, 1:500,000.



Index map showing location of the Solomon quadrangle.