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Div. Mines & Minerals

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

301

METALLIC MINERAL RESOURCES MAP OF THE NOME 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 DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity ^{1/}</u>
1	Unnamed occurrence: Unpublished data	Au, Ag
2	Unnamed occurrence: Unpublished data	Ag (in fluorite)
3	Unnamed occurrence: Unpublished data	Au, Ag
4	American: Eakin (1915a), p. 361, 365; Mulligan and Hess (1965), p. 17-18, 25	Fe
5	Tub Mountain: Mertie (1918a), p. 446; Mulligan and Hess (1965), p. 18, 25	Fe
6	Monarch: Eakin (1915a), p. 361-364; Mertie (1918a), p. 444-445; Mulligan and Hess (1965), p. 6-7, 11-15, 18, 21, 25, 31-32	Fe, Mn
7	Mogul: Eakin (1915a), p. 361, 364; Mulligan and Hess (1965), p. 17-18, 25	Fe
8	Galena: Eakin (1915a), p. 361, 364-365; Mertie (1918a), p. 445; Cathcart (1922), p. 260; Mulligan and Hess (1965), p. 14-16, 18, 25, 27-28, 32	Au, Fe, Pb, Zn
9	Iron Creek: Mulligan and Hess (1965), p. 18, 25-26	Fe
10	Cub Bear: Eakin (1915a), p. 361, 365; Mulligan and Hess (1965), p. 16-18, 25	Fe, Pb, Zn
11	Unnamed occurrence: Mulligan and Hess (1965), p. 19, 23, 25	Cu, Pb, Ag, Zn
12	Steiner: Cathcart (1922), p. 256-258	Au
13	Christophosen: Mertie (1918a), p. 447	Au, Zn
14	Charley Creek: Cathcart (1922), p. 223-224; White and others (1952), p. 4	Bi
15	Unnamed occurrence: Hummel (1961), p. D198-D199	Pb, W, Zn
16	Unnamed occurrence: Hummel (1961), p. D198-D199; Hummel (1962b)	W
17	Unnamed occurrence: Hummel (1961), p. D199; Hummel (1962b)	W

^{1/} Symbols - Bi, bismuth; Cu, copper; Au, gold; Fe, iron; Pb, lead; Mn, manganese; Ag, silver; W, tungsten; Zn, zinc.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/} , ^{2/}
18	Unnamed occurrence: Hummel (1961), p. D199	W
19	Copper King: Hummel (1962b) Copper Mountain: Moffit (1913), p. 134-135; Cathcart (1922), p. 217-221; Hummel (1962b) Unnamed occurrence: Hummel (1962b)	Cu, Pb Cu, Au, Pb, Ag W
20	Copper Creek: Hummel (1962b)	Cu
21	Unnamed occurrence: Hummel (1962b)	Cu
22	Last Chance Creek: Smith (1908), p. 245; Mertie (1918a), p. 446	Sb, Au, Pb, Ag
23	Waterfall Creek: Mertie (1918a), p. 438-440, 442; Cathcart (1922), p. 231-232	<u>Sb</u> , Cu, <u>Au</u> , Pb, Ag
24	North Fork: Cathcart (1922), p. 182	Cu
25	California (Connelly & Jensen): Moffit (1913), p. 131-132; Mertie (1918a), p. 426-427; Cathcart (1922), p. 253-255	Sb, Au, Mo, W
26	McDuffee: Anderson (1947), p. 10-11; Hummel (1962b) Nelson: Cathcart (1922), p. 232; Hummel (1962b) Tanner: Hummel (1962b)	Sb, Au Pb, Zn Sb
27	Unnamed occurrence: Hummel (1962b)	Cu
28	Grouse Creek: Anderson (1947), p. 27	Pb
29-30	Breen: Anderson (1947), p. 10; Hummel (1962b)	Sb, <u>Au</u>
31	Sliscovich: Cathcart (1922), p. 226-227, 229-230; Hummel (1962b)	<u>Sb</u> , <u>Au</u> , Ag
32	Manila Creek: Cathcart (1922), p. 182	Cu
33	Hed & Strand: Cathcart (1922), p. 226-230; Hummel (1962b) Unnamed occurrence: Hummel (1962b)	<u>Sb</u> <u>Sb</u>

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

^{2/} Symbol underlined indicates recorded production.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
34	Unnamed occurrence: Hummel (1962b)	Cu, W
35	Lindfors: Hummel (1962b) Rocky Mountain Creek: Coats (1944), p. 4-6 Spring: Hummel (1962b) Thompson: Hummel (1962b) Unnamed occurrence: Hummel (1962b)	Sb W Sb Sb, Zn W
36	Nelson Creek: Hummel (1962b)	W
37	Holmason & Heide: Hummel (1962a)	Cu
38	Pioneer Gulch: Hummel (1962a)	Au
39	Lilly: Hummel (1962a) Twin Mountain Creek: Mertie (1918a), p. 442; Mertie (1918b), p. 457; Cathcart (1922), p. 248-249	Cu Cu, Au, <u>W</u>
40	Boulder: Mertie (1918a), p. 427-429; Cathcart (1922), p. 248-252 Boulder Creek: Moffit (1913), p. 131; Cathcart (1922), p. 250-251	Sb, Au, W Au
41	Goodluck Gulch: Hummel (1962a)	Au, W
42	Unnamed occurrence: Hummel (1962a)	Cu
43	Bonita Creek: Brooks (1916), p. 58-59; Mertie (1918a), p. 440 Nelson: Hummel (1962a)	Sb, Au Sb
44	Prospect Creek: Anderson (1947), p. 17	Pb
45	Albion Creek: Cathcart (1922), p. 247 Glacier Creek: Moffit (1913), p. 130-131; Mertie (1918b), p. 457	Au Au, <u>W</u>

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

2/ Symbol underlined indicates recorded production.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/} , ^{2/}
46	Nugent: Mertie (1918a), p. 433 Reinisch: Cathcart (1922), p. 245; Hummel (1962a) Rock Creek: Cathcart (1922), p. 246 Sophie Gulch: Mertie (1918a), p. 436; Coats (1944), p. 3; Hummel (1962a) Stipek & Kotovic: Cathcart (1922), p. 244-245; Hummel (1962a) Stipek & Kotovic (Glacier Creek divide): Mertie (1918a), p. 437; Mertie (1918b), p. 457	Au Au, W Sb, Pb Pb, <u>W</u> <u>Au</u> <u>W</u>
47	Gold Hill: Cathcart (1922), p. 247	Au
48	Bursik & Kern: Mertie (1918a), p. 429 King Mountain: Moffit (1913), p. 130-131; Cathcart (1922), p. 237	Au Au, Mo
49	New Era (Big Four): Cathcart (1922), p. 243-244; Hummel (1962a) Snow Gulch: Moffit (1913), p. 85, 131	Au Au
50	Jorgensen: Mertie (1918a), p. 435; Cathcart (1922), p. 240-241; Hummel (1962a) West (Gold Bug): Mertie (1918a), p. 434; Hummel (1962a)	Au, Pb, W Au
51	Anvil Creek: Brooks (1916), p. 50, 56-57; Cathcart (1922), p. 238-240	<u>Sb</u> , Cu, Au, Pb
52	Dexter Creek: Moffit (1913), p. 135	Cu, Au
53	Peterson & Lamoreaux: Mertie (1918a), p. 432, 439; Cathcart (1922), p. 240; Hummel (1962a)	Sb, Au, Pb
54	Unnamed occurrence: Hummel (1962a)	Sb, Pb
55	Rex: Cathcart (1922), p. 236	Au
56	Newton Gulch: Cathcart (1922), p. 237	Au
57	Osborn Creek: Moffit (1913), p. 132	Cu, Au

^{1/} Symbols - Sb, antimony; Cu, copper; Au, gold; Pb, lead; Mo, molybdenum;
W, tungsten.

^{2/} Symbol underlined indicates recorded production.

PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/} , ^{2/}
58	Hume Creek: Collier and others (1908), p. 220	Au
59	Fairview Creek: Collier and others (1908), p. 218-219	Au
60	Tomboy Creek: Collier and others (1908), p. 219	Au
61	Coal Creek: Collier and others (1908), p. 216-217	Au
62	Boulder Creek: Collier and others (1908), p. 216-217	Au
63	Washington Creek (Green Gulch): Collier and others (1908), p. 216	Au
64	Quartz Creek: Collier and others (1908), p. 215	Au
65-67	Cripple River: Collier and others (1908), p. 210-211; Chapin (1914), p. 390	Au
68	Stella (Slate) Creek: Brooks (1901), p. 96	Au
69	Rulby Creek: Collier and others (1908), p. 216	Au
70	Mountain Creek: Collier and others (1903), p. 214	Au
71-72	Oregon Creek: Collier and others (1908), p. 211-213	Bi, Au, W
73-74	Nugget Creek (Gulch): Collier and others (1908), p. 213-214	Bi, Au, W
75	Trilby Creek: Collier and others (1908), p. 215	Au
76	Hungry Creek: Collier and others (1908), p. 214	Bi, Au
77	May Gulch: Collier and others (1908), p. 215	Au
78	Arctic Creek: Brooks (1922), p. 63	Au
79	Sunset Creek: Smith (1936), p. 49	Au
80	Charley Creek: Moffit (1913), p. 133	Bi, Au
81	Boer Creek: Moffit (1913), p. 76, 100	Au
82	Thompson Creek: Hummel (1961), p. D199	W

^{1/} Symbols - Bi, bismuth; Au, gold; W, tungsten.

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

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
83	Stewart River: Smith (1909), p. 280	Au
84	Fred Gulch (Creek): Hess (1906), p. 157; Moffit (1913), p. 101	Au, Sn
85	Goldbottom Creek: Moffit (1913), p. 87 Steep Creek: Moffit (1913), p. 88	Au, Sn Au
86	Grouse Creek: Moffit (1913), p. 88	Au
87	Goldbottom Creek: Moffit (1913), p. 87 Grouse Creek: Moffit (1913), p. 88	Au, Sn Au
88	Grub Gulch: Moffit (1913), p. 88	Au
89	Last Chance Creek: Moffit (1913), p. 87	Au, W
90	Pioneer Gulch: Moffit (1913), p. 76	Au
91	Seattle Creek: Coats (1944), p. 6	W
92	Bangor Creek: Moffit (1913), p. 87 Butterfield Creek (Canyon): Thorne and others (1948); p. 33	Au, W Au, W
93	Divining Creek: Thorne and others (1948), p. 33-34	Au, W
94	Boulder Creek: Collier and others (1908), p. 196; Anderson (1947), p. 42 Twin Mountain Creek: Collier and others (1908), p. 197; Cathcart (1922), p. 251	Sb, Bi, Au, W Au
95	Balto Creek: Moffit (1913), p. 87; Thorne and others (1948), p. 33-34	Au, W
96	Prospect Creek: Thorne and others (1948), p. 33-34	Au, W
97	Lindblom Creek: Moffit (1913), p. 86-87; Anderson (1947), p. 42	Au, W
98	Rock Creek: Moffit (1913), p. 75-76, 86; Anderson (1947), p. 42 Sophia Gulch: Cathcart (1922), p. 182, 245-246	Au, W W

1/ Symbols - Sb, antimony; Bi, bismuth; Au, gold; Sn, tin; W, tungsten.

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

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/} , ^{2/}
99	Alpha Creek: Cathcart (1922), p. 249	Au
100	Monument Creek: Cathcart (1920), p. 190; Anderson (1947), p. 40	Au, Sn
101	Bonanza Gulch: Moffit (1913), p. 86 Glacier Creek: Moffit (1913), p. 84-85; Mertie (1918b), p. 457; Anderson (1947), p. 40 Hot Air Bench: Moffit (1913), p. 85-86 Snow Gulch: Moffit (1913), p. 85; Coats (1944), p. 5-6	Au Au, Sn, W Au Au, W
102	Arvil Creek: Collier and others (1908), p. 191; Moffit (1913), p. 79-83 Nekula Gulch: Moffit (1913), p. 83-84, 101-103 Specimen Gulch: Moffit (1913), p. 84, 106-107	Au, Pb, W Au Au
103	Cooper Gulch: Moffit (1913), p. 89	Au
104	Divide Creek: Moffit (1913), p. 100	Au
105	Dorothy Creek: Moffit (1913), p. 98; Anderson (1947), p. 11	Sb, Au
106	Christian Creek: Alaska Dept. Mines (1952), p. 57	Au
107	Rocky Mountain Creek: Coats (1944), p. 4-6; Anderson (1947), p. 40, 42	Au, Sn, W
108	Nelson Creek: Coats (1944), p. 4-6	Au, W
109	Darling Creek: Alaska Dept. Mines (1948), p. 43	Au
110	Manila Creek: Chapin (1914), p. 389	Au
111	Hobson Creek: Collier and others (1908), p. 181	Au
112	Basin Creek: Moffit (1913), p. 99-100; Alaska Div. Mines and Minerals (1960), p. 36	Au, W
113	Banner Creek: Moffit (1913), p. 99	Au
114	Dewey Creek: Brooks (1901), p. 78-79	Au, W

^{1/} Symbols - Sb, antimony; Au, gold; Pb, lead; Sn, tin; W, tungsten.

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

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> 1/, 2/
115	Nome River: Moffit (1913), p. 93	Au
116	Buster Creek: Moffit (1913), p. 96-97; Alaska Dept. Mines (1954), p. 36-37	Au
	Grace Gulch: Moffit (1913), p. 97	Au
	Lillian Creek: Moffit (1913), p. 97	Au
	Union Gulch: Collier and others (1908), p. 173	Au
117	Dexter Station: Moffit (1913), p. 101-106	Au
118	Deer Gulch: Moffit (1913), p. 95, 103	Au
	Dexter Creek: Moffit (1913), p. 93-94, 108-109	Au
	Dexter Creek, Left Fork: Collier (1905), p. 127; Moffit (1913), p. 95, 107-108	Au, Sn
	Grass Gulch: Moffit (1913), p. 94-95, 106-108	Au
	Grouse Gulch: Moffit (1913), p. 95-96	Au
119	Extra Dry Creek: Moffit (1913), p. 98-99	Au
120	Osborn Creek: Moffit (1913), p. 97-98; Alaska Dept. Mines (1940), p. 85	Au
	St. Michaels Creek: Moffit (1913), p. 98; Smith (1937), p. 52	Au
121	Washington Gulch: Moffit (1913), p. 98	Au
122	Moss Gulch: Mertie (1918b), p. 455	Au
123	Irene Creek: Mertie (1918b), p. 454; Alaska Dept. Mines (1940), p. 85	Au
124	Otter Creek: Chapin (1914), p. 390	Au
125	Bear Gulch (Creek): Brooks (1901), p. 76	Au
	Dry Creek: Moffit (1913), p. 90, 101, 107-108	Au
126	Dry Creek: Moffit (1913), p. 90-91	Au, W
127	Dry Creek: Moffit (1913), p. 90	Au, W
	Newton Gulch: Moffit (1913), p. 91-92; Smith (1934), p. 43	Au
128	Bourbon Creek: Moffit (1913), p. 89-90	Au
	Holyoke Creek: Moffit (1913), p. 89-90	Au

1/ Symbols - Au, gold; Sn, tin; W, tungsten.

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

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/} , ^{2/}
129	Monroeville beach: Moffit (1913), p. 119-123	Au
130-131	Snake River: Moffit (1913), p. 77-79; Smith (1926), p. 18	Au
132	U. S. Smelting, Refining & Mining Co.: Alaska Div. Mines and Minerals (1962), p. 8	Au
133	Hastings Creek: Moffit (1913), p. 100-101 Saunders Creek: Chapin (1914), p. 390	Au Au
134	Jess Creek: Moffit (1906), p. 133-134	Au
135	Second beach: Moffit (1913), p. 40-44, 111-112, 119-123 - See also: Bourbon Creek, Derby Creek, Jess Creek, Peluk Creek	Au
136	Derby Creek: Mertie (1918b), p. 455	Au
137	Golden Cow: Chapin (1914), p. 389 Third beach: Moffit (1913), p. 40-44, 112-117, 119-123 - See also: Bourbon Creek, Center Creek, Dry Creek, Flat Creek, Holyoke Creek, Little Creek, Saturday Creek U. S. Smelting, Refining & Mining Co.: Brooks (1925), p. 49; Smith (1939), p. 64; Alaska Div. Mines and Minerals (1962), p. 8	Au Au Au Au Au Au
138	Center Creek: Moffit (1913), p. 88-89 Flat Creek: Moffit (1913), p. 88 Holyoke Creek: Moffit (1913), p. 89-90 Lake Creek: Smith (1936), p. 59 Little Creek: Collier and others (1908), p. 170 Saturday Creek: Moffit (1913), p. 88-89 U. S. Smelting, Refining & Mining Co. (Hammon Consolidated Gold Fields, Pioneer Mining Co.): Brooks (1925), p. 49; Smith (1939), p. 64; Alaska Div. Mines and Minerals (1962), p. 8 Wonder Creek: Moffit (1913), p. 88	Au Au Au Au Au Au Au Au
139	Submarine beach: Moffit (1913), p. 118-123	Au
140	Peluk Creek: Chapin (1914), p. 389-390	Au

^{1/} Symbol - Au, gold.

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

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
141	Rocker Gulch: Chapin (1914), p. 389-390	Au
142	Present beach: Brooks (1901), p. 85-91; Moffit (1913), p. 110-111 - See also: Peluk Creek, Rocker Gulch, Snake River	Au
143	Intermediate beach: Moffit (1913), p. 117-123 - See also: Bourbon Creek, Dry Creek U. S. Smelting, Refining & Mining Co.: Brooks (1925), p. 49; Smith (1939), p. 64; Alaska Div. Mines and Minerals (1962), p. 8	Au
144	Hazel Creek: Moffit (1913), p. 101	Au

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

<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
Canyon Creek: Smith (1930), p. 36	Au
Daisy Gulch: Eakin (1915b), p. 370	Au
Eldorado Creek: Alaska Div. Mines and Minerals (1959), p. 29, 50	Au
Fox Creek: Collier and others (1908), p. 221	Au
Hickey Creek: Brooks (1905), p. 21	Au
Igloo Creek: Alaska Dept. Mines (1946), p. 46	Au
Independence Creek: Collier and others (1908), p. 216-217	Au
McDougall Creek: Mertie (1918b), p. 455	Au
Sledge Creek: Mertie (1918b), p. 454; Thorne and others (1948), p. 33	Au, W
Sonora Creek: Collier and others (1908), p. 215	Au
Stevens Gulch: Brooks (1901), p. 84	Au
Willow Creek: Mertie (1918b), p. 455; Martin (1919), p. 20	Au, Sn

1/ Symbols - Au, gold; Sn, tin; W, tungsten.

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

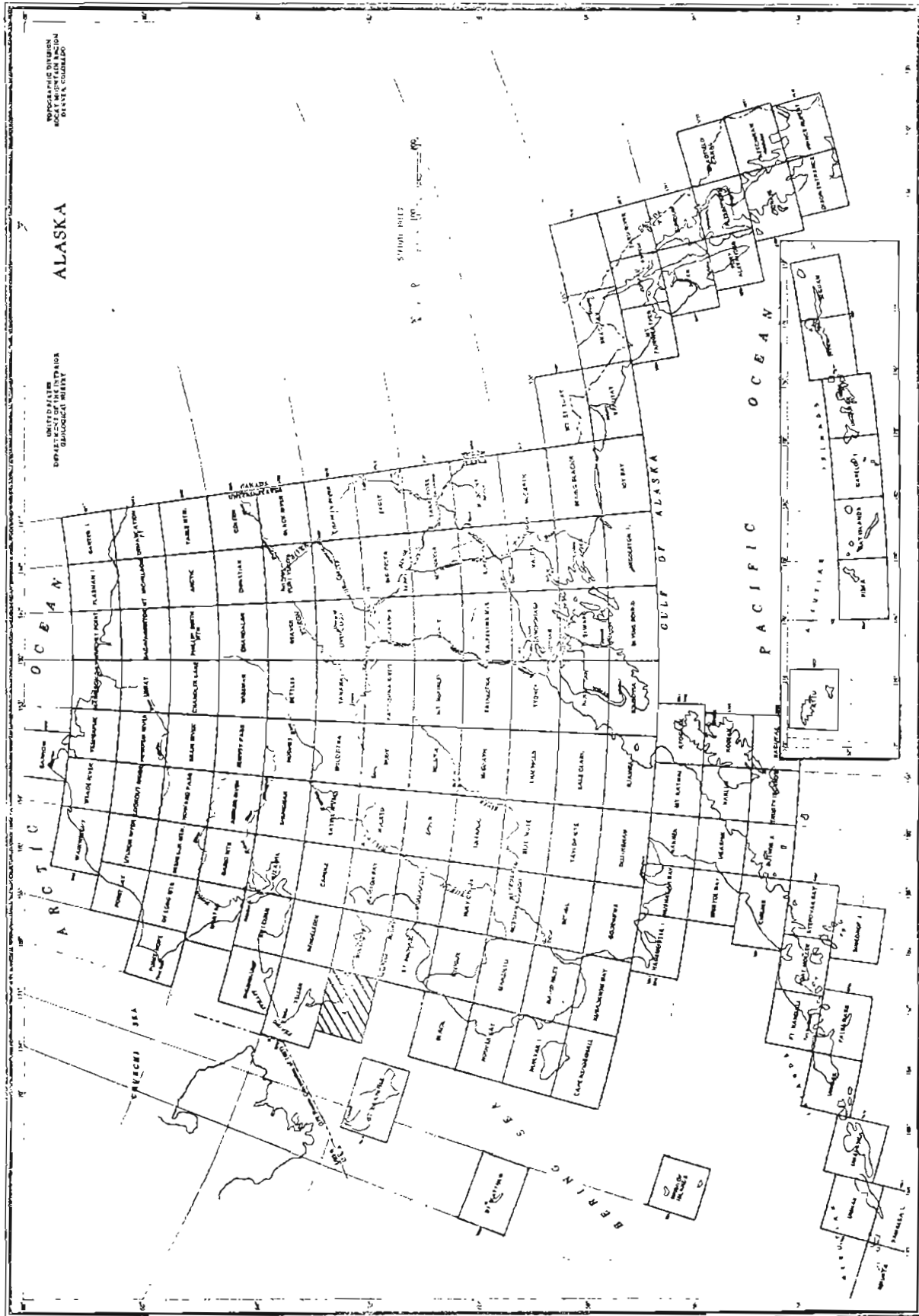
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Index map showing location of the Nome quadrangle.