

OF 359

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

METALLIC MINERAL RESOURCES MAP OF THE VALDEZ QUADRANGLE, ALASKA

Compiled by

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DIV. MINES & GEOLOGY

LODE DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <sup>1/</sup> , <sup>2/</sup>
1	Mayfield: Johnson (1915), p. 185-186	Cu, <u>Au</u> , Pb, Zn
2	Rough and Tough: Smith (1941), p. 27	Au, Ag
3	Gold King: Johnson (1915), p. 183-185	Sb, Cu, <u>Au</u> , Pb, Zn
4-5	Cameron-Johnson: Johnson (1915), p. 172-174	<u>Au</u> , Pb, Zn
6	Olson (Bald Mountain): Johnson (1915), p. 179-180	Au, Pb, Zn
7	Rambler: Johnson (1915), p. 183	<u>Au</u>
8	Minnie: Johnson (1915), p. 180	<u>Au</u> , Pb
9	Hecla: Brooks (1912), p. 124	Au, Pb, Ag
10	Alder: Brooks (1912), p. 124	Au
11	Big Four: Brooks (1912), p. 124	Au, Pb
12	Palmer: Brooks (1912), p. 124	Au
13	Spanish: Brooks (1912), p. 124	Au
	Dorothy: Brooks (1912), p. 124	Au
	I. X. L.: Brooks (1912), p. 124	Au
14	Blue Bird: Johnson (1915), p. 182	Cu, Au, Pb
	Whistler: Brooks (1912), p. 123	Au
15	Shoup Bay: Brooks (1912), p. 123	Au, Ag
16	Alice: Johnson (1915), p. 175-176	Cu, <u>Au</u> , Pb, Ag, Zn
17	Silver Gem: Brooks (1912), p. 123; Johnson (1915), p. 179	Sb, <u>Au</u> , Pb, Ag, Zn
18	Seacoast: Johnson (1915), p. 178-179	Cu, <u>Au</u> , Pb, Zn
	Bunker Hill: Johnson (1915), p. 181	Au, Pb, Zn
	Stevens: Johnson (1915), p. 183	Au

<sup>1/</sup> Symbols: Sb, antimony; Cu, copper; Au, gold; Pb, lead; Ag, silver; Zn, zinc.

<sup>2/</sup> Symbol underlined indicates recorded production.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <sup>1/</sup> , <sup>2/</sup>
19	Guthrie & Belloli: Johnson (1915), p. 181	Cu, Au, Pb, Zn
20	Sealy-Davis: Johnson (1915), p. 174-175	Cu, <u>Au</u> , Pb, Zn
21	Gold Bluff: Johnson (1915), p. 182	Au
22	Cliff: Moffit (1954), p. 304-306; Johnson (1915), p. 170-172	<u>Au</u> , Pb, Zn
23	Cube (Three-in-One): Johnson (1915), p. 176-177	Cu, <u>Au</u> , Pb, Zn
24	Owl: Johnson (1915), p. 180-181	Cu, Au, Pb, Zn
25	Thompson-Ford: Johnson (1915), p. 177	Cu, <u>Au</u> , Pb, Zn
26	Alaska Gold Hill (Black Diamond): Johnson (1915), p. 183	Au
27	Imperial: Brooks (1912), p. 123	Au
28	McCallum: Johnson (1916), p. 144	Au
29	Big Four: Johnson (1915), p. 164-165	<u>Au</u> , Pb, Zn
30	Hercules: Johnson (1915), p. 165	<u>Au</u> , Pb, Zn
31	Sunshine: Brooks (1912), p. 125	Au, Pb
32	Monte Carlo (Cook & Barrett): Johnson (1915), p. 168	<u>Au</u> , Pb
33	Von Gunther: Johnson (1915), p. 167	Au
34	Slide: Johnson (1919), p. 151	<u>Au</u>
35	Quitsch: Johnson (1915), p. 167	Au, Pb
36	Chesna: Brooks (1912), p. 126	Au
37	Millionaire: Johnson (1915), p. 165-166	Cu, <u>Au</u> , Pb
	Buster: Johnson (1915), p. 165	Au
38	"45": Johnson (1915), p. 166-167	Cu, Au, Pb, Zn
39	Mineral King: Brooks (1912), p. 126	Au
40	Mountain View (Hickey): Johnson (1915), p. 167-168	Au, Pb

<sup>1/</sup> Symbols: Cu, copper; Au, gold; Pb, lead; Zn, zinc.

<sup>2/</sup> Symbol underlined indicates recorded production.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <sup>1/</sup> , <sup>2/</sup>
41	July: Johnson (1915), p. 168-169	Au, Pb, Zn
	Rose (Rose Quartz): Johnson (1915), p. 168-169; Smith (1937), p. 24	Cu, <u>Au</u> , Pb
	Little Giant: Johnson (1915), p. 168-169	<u>Au</u> , Pb, Zn
	Mountain King: Johnson (1915), p. 163-164	Cu, <u>Au</u> , Pb, Zn
42	William Gentzler: Brooks (1912), p. 127	Au
43	High Grade (Gold Sunlight): Johnson (1915), p. 166	Au, Pb
44	McIntosh: Brooks (1912), p. 127	Au
45	Queen of Sheba: Johnson (1915), p. 169-170	Au
46	Olson & Woods: Brooks (1912), p. 1260127	Au
	Golden Dollar: Brooks (1912), p. 127	Au
47	Hecla: Johnson (1915), p. 169-170	Au
	Tiger: Johnson (1915), p. 170	Au
48	Alaskan: Johnson (1915), p. 169	Cu, Au, Pb, Zn
49	Blue Ribbon: Brooks (1912), p. 127	Au
50	Valdez Bonanza: Brooks (1912), p. 127	Au
51	Ibex: Brooks (1912), p. 127-128	Au
	Valdez: Brooks (1912), p. 127-128	<u>Au</u>
52	Pinochle: Johnson (1915), p. 161-162	Au
53	Ramsay-Rutherford: Johnson (1915), p. 159-161; Moffit (1954), p. 306	Cu, <u>Au</u> , Pb, Ag, Zn
54	Rose Johnson: Johnson (1915), p. 162-163	Cu, <u>Au</u> , Pb
55	Patten: Johnson (1919a), p. 151	Au
56	Jack Bay: Johnson (1919b), p. 171	Cu, Pb, Zn
57	Jack Bay: Johnson (1919b), p. 171-172	Cu, Zn

<sup>1/</sup> Symbols: Cu, copper; Au, gold; Pb, lead; Ag, silver; Zn, zinc.

<sup>2/</sup> Symbol underlined indicates recorded production.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
58	Curley Kidney: Johnson (1919b), p. 172	Au
59	Orion: Johnson (1919b), p. 173	Au
60-61	Midas: Johnson (1915), p. 187-188; Moffit and Fellows (1950), p. 51-52; Rose (1965), p. 5-12	<u>Cu</u> , <u>Au</u> , <u>Ag</u> , Zn
62	Addison Powell: Johnson (1916), p. 140; Rose (1965), p. 12-14	Cu, Au
63	Townsend & Holland: Moffit (1935), p. 35-36	Au
64	Knowles: Moffit (1935), p. 32-35	Au, Pb
65	Eagle (Ellis, Meckem): Moffit (1935), p. 29-32	<u>Au</u> , Pb
66	Ross: Moffit (1918), p. 178	Au, Pb
67	Portland: Moffit (1918), p. 177	Au
68	Reis: Moffit (1918), p. 177	Au
69	Wetzler (Quail): Moffit (1935), p. 27-29	Cu, <u>Au</u> , Pb, Zn
70	Telluride: Moffit (1918), p. 180	Au
71	Quartz Creek: Moffit (1918), p. 179-180	Cu, Au, Pb
72	Red Mountain (Bernard Mountain): Berg and Cobb (1967), p. 49, 52; Jasper (1967), p. 4	Cr
73	Dust Mountain: Berg and Cobb (1967), p. 49, 52	Cr
74	Unnamed occurrence: Jasper (1967), p. 4	Mn
75	Chance: Moffit and Mertie (1923), p. 125	Cu
76	Leland: Moffit and Mertie (1923), p. 124-125 Lawton: Moffit and Mertie (1923), p. 124-125	Cu Cu
77	Arman: Van Alstine and Black (1946), p. 125-126 Mullen: Van Alstine and Black (1946), p. 126-129	Cu Cu
78	Cave: Van Alstine and Black (1946), p. 129-130	Cu

1/ Symbols: Cr, chromite; Cu, copper; Au, gold; Pb, lead; Mn, manganese; Ag, silver; Zn, zinc.

2/ Symbol underlined indicates recorded production.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <sup>1/</sup>
79	Peacock: Van Alstine and Black (1946), p. 130	Cu
80	Mountain Sheep: Van Alstine and Black (1946) p. 130	Cu
81	Forget-me-not: Van Alstine and Black (1946), p. 130-131	Cu
82	Blue Bird: Van Alstine and Black (1946), p. 131	Cu
83	Mountain (Montana) Bay: Van Alstine and Black (1946), p. 131; Moffit and Mertie (1923), p. 103	Cu, Au
84	Bunker Hill: Van Alstine and Black (1946), p. 131-132	Cu
85	Cliff: Moffit and Mertie (1923), p. 125	Cu
86	Albert Johnson: Moffit and Mertie (1923), p. 118-119	Cu
	Guthrie: Moffit and Mertie (1923), p. 118-119	Cu
	Fog: Mendenhall (1905), p. 102	Cu
87	Elizabeth: Moffit and Mertie (1923), p. 121-122	Cu
	Marie Antoinette: Moffit and Mertie (1923), p. 124	Cu
88	Goodyear: Moffit and Mertie (1923), p. 120-121	Cu
	Henry Prather: Moffit and Mertie (1923), p. 120-121	Cu
	Curtis: Moffit and Mertie (1923), p. 120-121	Cu, Au, Ag
	Louise: Moffit and Mertie (1923), p. 123	Cu
	Lizzie G.: Moffit and Mertie (1923), p. 124	Cu
89	Mary Ellen: Moffit (1915), p. 112-113	Cu, Au
90	Unnamed occurrence: Moffit and Mertie (1923), p. 146	Au
91	Marmot: Moffit and Mertie (1923), p. 123	Cu
92	Copper Queen: Moffit and Mertie (1923), p. 123	Cu
93	Swazie: Moffit and Mertie (1923), p. 123	Cu, Au
94	Mineral King: Moffit and Mertie (1923), p. 122-123	Cu

<sup>1/</sup> Symbols: Cu, copper; Au, gold; Ag silver.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <sup>1/</sup>
	Copper King: Moffit and Mertie (1923), p. 122	Cu
95	Benito Creek: Moffit and Mertie (1923), p. 142-143	Cu, Au, Ag
96	Willow Mountain: Berg and Cobb (1967), p. 52	Cu, Zn
97	Blackney: Moffit (1914), p. 51-52	Cu
98	Surprise Creek: Moffit (1914), p. 52	Cu
99	Divide Creek: Moffit (1914), p. 52	Cu
100	Falls Creek: Moffit (1914), p. 52	Cu
101	Spirit Mountain: Overbeck (1920), p. 94-98; Pierce (1946), p. 2-8	Co, Cu, Ni, Ag, Zn
102	Opal: Richter (1969)	Au

<sup>1/</sup> Symbols: Co, cobalt; Cu, copper; Au, gold; Ni, nickel; Ag, silver; Zn, zinc.

Lode deposits not shown on map because locations could not be determined closely enough to plot:

<u>Name and principal reference(s)</u>	<u>Commodity</u> <sup>1/</sup> , <sup>2/</sup>
Unnamed occurrence: Johnson (1916), p. 140	Cu
Star: Smith (1937), p. 22	<u>Au</u>
Bluff: Brooks (1913), p. 35	Au
Ivanhoe: Johnson (1915), p. 183	Au
Bence-McDonald: Johnson (1915), p. 183	Au
McAllister Creek: Brooks (1916), p. 61	Sb
Glorious Fourth Creek: Johnson (1914), p. 237	Au
Elliott Creek: Moffit and Mertie (1923), p. 125; Moffit and Maddren (1909), p. 64, fig. 2	Cu
Unnamed occurrence: Brooks (1914), p. 61	Au

<sup>1/</sup> Symbols: Sb, antimony; Cu, copper; Au, gold.

<sup>2/</sup> Symbol underlined indicates recorded production.

<u>Name and principal reference(s)</u>	<u>Commodity</u> <sup>1/</sup> , <sup>2/</sup>
Bessie Williams: Johnson (1915), p. 186	Au
Devinney & Dolan: Smith (1932), p. 22	<u>Au</u> , Pb
Ethel: Smith (1930), p. 16	<u>Au</u>
Iron Mountain: Moffit (1909), p. 156	Cu
Cheshnina River (Mt. Chitty): Mendenhall (1905), p. 94	Cu, Au, Ag
Gold Standard: Johnson (1918), p. 191	Au
McDonald: Johnson (1919a), p. 151	Au
Nymond: Johnson (1919a), p. 151	Au
National: Johnson (1916) p. 143	<u>Au</u>
Tuscarora: Moffit (1927), p. 10	<u>Au</u>

<sup>1/</sup> Symbols: Cu, copper; Au, gold; Pb, lead; Ag, silver.

<sup>2/</sup> Symbol underlined indicates recorded production.

#### PRODUCTIVE PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <sup>1/</sup> , <sup>2/</sup>
103	Hurtle Creek: Moxham and Nelson (1952), p. 3	Au
104	Boulder Creek: Moxham and Nelson (1952), p. 3	Au
105-106	Fall Creek: Moffit (1918), p. 181-182; Moxham and Nelson (1952), p. 3	<u>Au</u>
107-108	Little Bremner River: Moffit (1914), p. 48-49	<u>Au</u>
109	Quartz Creek: Mendenhall (1905), p. 121; Moffit (1918), p. 179	<u>Au</u>

<sup>1/</sup> Symbol: Au, gold.

<sup>2/</sup> Symbol underlined indicates recorded production.



PLACER OCCURRENCES

<u>Number</u>	<u>Name and principal reference</u>	<u>Commodity</u> <sup>1/</sup>
110	Gold Creek: Brooks (1912), p. 121	Au
111	Mineral Creek: Grant (1906), p. 86	Au
112	Solomon Gulch: Grant (1909), p. 97	Au
113	Fourth of July Creek: Smith (1933), p. 28	Au
114	Ernestine Creek: Rohn (1900), p. 436-437	Au
115	Mineral Creek: Johnson (1915), p. 186	Au

<sup>1/</sup> Symbol: Au, gold.

Placer occurrences not shown on map because locations could not be determined closely enough to plot:

<u>Name and principal reference</u>	<u>Commodity</u> <sup>1/</sup>
Lowe River: Johnson (1915), p. 186	Au
Mahlo River: Schrader (1900), p. 422	Au
Manker Creek: Schrader (1900), p. 422	Au

<sup>1/</sup> Symbol: Au, gold.

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Index map showing location of the Valdez quadrangle.