

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

METALLIC MINERAL RESOURCES MAP OF THE TALKEETNA QUADRANGLE, ALASKA

Compiled by
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Open-file map

1970

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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</u> ^{1/}
1	Shellabarger Pass: U.S. Geological Survey, 1968	Cu, Au, Ag, Zn
2	Mespelt (Purkeypîle): Thomas, 1948, p. 10; unpub. data	Cu, Pb, Ag, W, Zn
3	J&K: Capps, 1927, p. 108-109; Thomas, 1948	Au, Pb, Ag
4	Upper Nugget Creek: Clark and Hawley, 1968, p. 59	Au
5	Colby: Clark and Hawley, 1968, p. 59-60	Au
6	Bradley (Bird Creek): Clark and Hawley, 1968, p. 50-58	Au, W
7	Cummins: Clark and Hawley, 1968, p. 49-50	Au
8	Boedeker: Tuck, 1934, p. 138-139	Au
9	Curry: Smith, 1942, p. 189-190	Mo
10	Montana: Berg and Cobb, 1967, p. 35	Fe

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

PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/} , ^{2/}
11	Kichatna River: Martin, 1919, p. 32-33	Au, Pt
12	Pass Creek: Smith, 1939b, p. 39	Au
13	Big Boulder Creek: Capps, 1913, p. 70	Au
	John(s) Creek: Capps, 1913, p. 70	Au
	Little Boulder Creek: Capps, 1913, p. 70	Au
	Twin Creek: Alaska Dept. Mines, 1954, p. 39	Au
14	Chicago Gulch: Capps, 1913, p. 68-69	Au
	Mills Creek: Capps, 1913, p. 68-70; Alaska Dept. Mines, 1954, p. 39	Au
	Wagner Gulch: Capps, 1913, p. 68	Au
15	Cache Creek: Smith, 1938, p. 42-43	Au

^{1/} Symbols - Au, gold; Pt, platinum-group metals.

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

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity 1/, 2/</u>
16	Cache Creek: Capps, 1913, p. 53-57; Mertie, 1919, p. 243-248; Robinson, Wedow, and Lyons, 1955, p. 2 Lucky Gulch (Creek): Capps, 1913, p. 60 Rambler Creek (Gulch): Capps, 1913, p. 57 Short Creek: Smith, 1933a, p. 28	FM, Au, Pt, Sn, W Au Au Au
17	Windy Creek: Mertie, 1919, p. 254	Cu, Au, Sn, W
18	Cheechako Gulch: Smith, 1933b, p. 29	Au
19	Dollar Creek: Mertie, 1919, p. 252-254; Capps, 1925, p. 54-57, 59; Clark and Hawley, 1968, p. 35-40	Au, Sn
20	Falls Creek: Mertie, 1919, p. 251-252 Ruby Creek (Gulch): Smith, 1939b, p. 39 Treasure Creek: Smith, 1917, p. 42	Au Au Au
21	Thunder Creek: Mertie, 1919, p. 249-251; Capps, 1925, p. 55, 57-59; Clark and Hawley, 1968, p. 35-40	Cu, Au, Sn, W
22	Nugget Creek: Capps, 1913, p. 60	Au
23	Nugget Creek: Capps, 1913, p. 58-60; Mertie, 1919, p. 248-249	Au, Sn, W
24	Gold Creek: Capps, 1913, p. 58	Au
25	Bird Creek: Mertie, 1919, p. 260-261	Cu, Au, W
26-27	Peters Creek: Capps, 1913, p. 64-65; Mertie, 1919, p. 255-257	Au
28	Falls Gulch: Capps, 1913, p. 66 Gopher Creek (Gulch): Mertie, 1919, p. 260 Rocky Gulch: Capps, 1913, p. 66 Ruby Creek (Gulch): Mertie, 1917 field notes, p. 67-68; Mertie, 1919, p. 259-260 Slate Gulch: Capps, 1913, p. 66 Snow Gulch: Capps, 1913, p. 66 Willow Creek: Mertie, 1919, p. 259-260; Capps, 1925, p. 55, 58-59	Au Au, Pb Au Au, Pt Au Au Au, Pt, Sn
29	Poorman Creek: Mertie, 1919, p. 257-259; Robinson, Wedow, and Lyons, 1955, p. 2	FM, Au, Pt, Sn

1/ Symbols - Cu, copper; FM, fissionable materials (other than monazite); Au, gold; Pb, lead; Pt, platinum-group metals; 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/}
30	First Creek: Smith, 1938, p. 43	Au
31	Canyon Creek: Mertie, 1919, p. 261-262	Au, Pt, Sn
32	Kahiltna River (Sholan Bar): Mertie, 1919, p. 262; Bates and Wedow, 1953, p. 9	FM, Au, Mz, Pt

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

Bear Creek: Smith, 1930, p. 22	Au
Cottonwood Creek (tributary to Camp Creek): Smith, 1939a, p. 42	Au
Dutch Creek: Smith, 1939a, p. 41; Joesting, 1943, p. 20	Au, W
Eagle Creek: Brooks, 1911, p. 38	Au
Independence Creek: Capps, 1913, p. 71	Au
Lake Creek: Capps, 1913, p. 67-68; Martin, 1919, p. 33	Au, Pt
Nakochna River: Brooks, 1911, p. 38	Au
Notobac Creek: Smith, 1933a, p. 29	Au
Ramsdyke Creek: Smith, 1930, p. 22	Au
Spruce Creek: Smith, 1917, p. 42	Au
Susitna River: Eldridge, 1900, p. 20	Au

^{1/} Symbols - FM, fissionable materials (other than monazite); Au, gold; Mz, monazite; Pt, platinum-group metals; Sn, tin; W, tungsten.

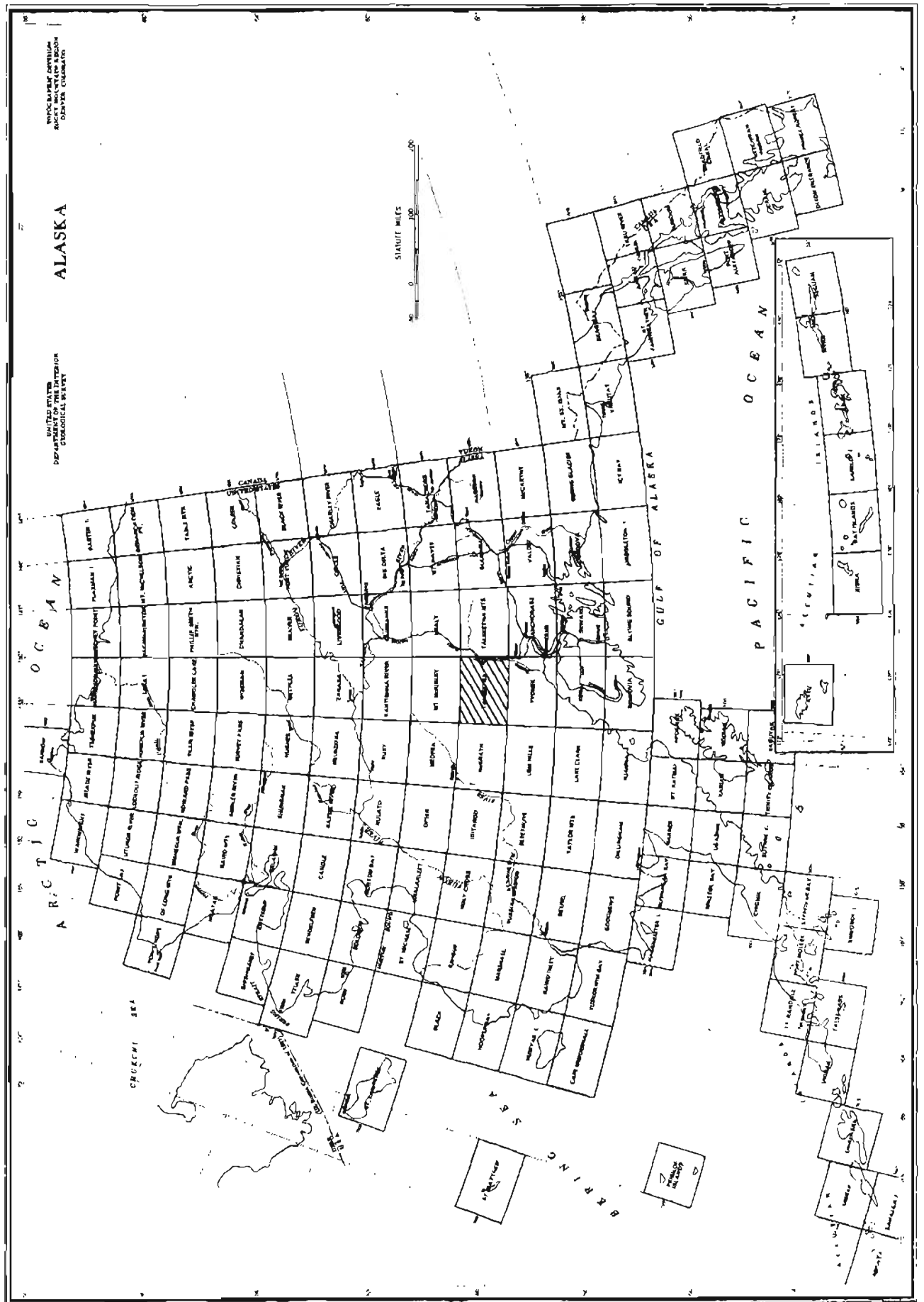
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SOURCE OF DATA ON DISTRIBUTION OF GRANITIC ROCKS

Clark, A. L., 1970, unpublished compilation.



Index map showing location of the Talkeetna quadrangle