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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

METALLIC MINERAL RESOURCES MAP OF THE CANDLE 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

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/}
1	Candle Creek: Anderson (1947), p. 31	Pb
2	Canoe Creek: Anderson (1947), p. 31	Pb, Ag
3	Beltz: Gault, Killeen, West, and others (1953), p. 22 Unnamed occurrence: Gault, Killeen, West, and others (1953), p. 22	Cu Au
4	Bear Creek: Herreid (1965), p. 12	Au, Pb, Zn
5	Peace River: Smith and Eakin (1911), p. 135	Cu
^{1/} Symbols - Cu, copper; Au, gold; Pb, lead; Ag, silver; Zn, zinc.		

PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> ^{1/} , ^{2/}
6	Minnehaha Creek: Mendenhall (1902), p. 51 Mud Creek: Anderson (1947), p. 31, 34	Au Au, Pb, Hg
7	Candle Creek: Henshaw (1909), p. 364-368; Harrington (1918), p. 391-392; Anderson (1947), p. 31; Gault, Killeen, West, and others (1953), p. 11-14 Jump Creek: Gault, Killeen, West, and others (1953), p. 14	Cu, FM, Au, Pb Au
8	Kiwalik River: Gault, Killeen, West, and others (1953), p. 11	Au
9	Duck Creek: Gault, Killeen, West, and others (1953), p. 26-27	FM
10	West Clem Creek: Gault, Killeen, West, and others (1953), p. 26-27	FM
11	East Clem Creek: Gault, Killeen, West, and others (1953), p. 26-27	FM
12	Meinzer Creek: Gault, Killeen, West, and others (1953), p. 22, 27	FM
^{1/} Symbols - Cu, copper; FM, fissionable materials (other than monazite); Au, gold; Pb, lead; Hg, mercury.		
^{2/} Gold has been produced from many of the listed placers.		

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
13	Sugar Loaf Creek: Gault, Killeen, West, and others (1953), p. 22, 26-27	FM
14	Muck Creek: Gault, Killeen, West, and others (1953), p. 24-25, 27	FM, W
15	Connolly Creek: Gault, Killeen, West, and others (1953), p. 25, 27	FM
16	Spruce Creek: Gault, Killeen, West, and others (1953), p. 22, 25, 27	FM
17	Sheridan Creek: Harrington (1919), p. 392-394	Au
18-19	Bear Creek: Harrington (1919), p. 392-394; Herreid (1965), p. 12-14	Au, Pt
20	Cub Creek: Harrington (1919), p. 392-393; Gault, Killeen, West, and others (1953), p. 18-19, 24-25	FM, Au
21	Quartz Creek: Smith (1934), p. 63; Gault, Killeen, West, and others (1953), p. 15-20	FM, Au, Pt, RE
22	Peace River: Gault, Killeen, West, and others (1953), p. 24-26	Bi, Cr, Cu, FM, Au, Pb, Mo, Zn
23	Rock Creek: Gault, Killeen, West, and others (1953), p. 22, 24	FM
24	Anzac Creek: Gault, Killeen, West, and others (1953), p. 5-6, 9, 25	FM
25	Rube Creek: Harrington (1919), p. 380-381, 394-395	Au
26-28	Sweepstakes Creek: Harrington (1919), p. 395; Gault, Killeen, West, and others (1953), p. 1, 3-9	FM, Au, Pt
29	Bear Gulch: Gault, Killeen, West, and others (1953), p. 3-4, 8	Au, Pt

1/ Symbols - Bi, bismuth; Cr, chromite; Cu, copper; FM, fissionable materials (other than monazite); Au, gold; Pb, lead; Mo, molybdenum; Pt, platinum-group metals; RE, mineral (other than monazite) that contains rare-earth element(s); W, tungsten; Zn, zinc.

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

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
30	Spring Creek: Gault, Killeen, West, and others (1953), p. 3-4	Au
31	Peace River: Smith and Eakin (1911), p. 114	Au
32	Dime Creek: Harrington (1919), p. 380-381, 396-398; Anderson (1947), p. 18	Cr, Au, Pt
33	Alameda Creek: Smith and Eakin (1911), p. 110-113	Au
34	Koopuk (Koobuk) Creek (River): Brooks (1925), p. 50	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>
Hunter Creek: Cass (1959)	Au
Kenwood Creek: Smith and Eakin (1911), p. 112-113; Eakin (1915), p. 371	Au
Placer Creek: Brooks (1913), p. 49	Au

1/ Symbols - Cr, chromite; Au, gold; Pt, platinum-group metals.

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

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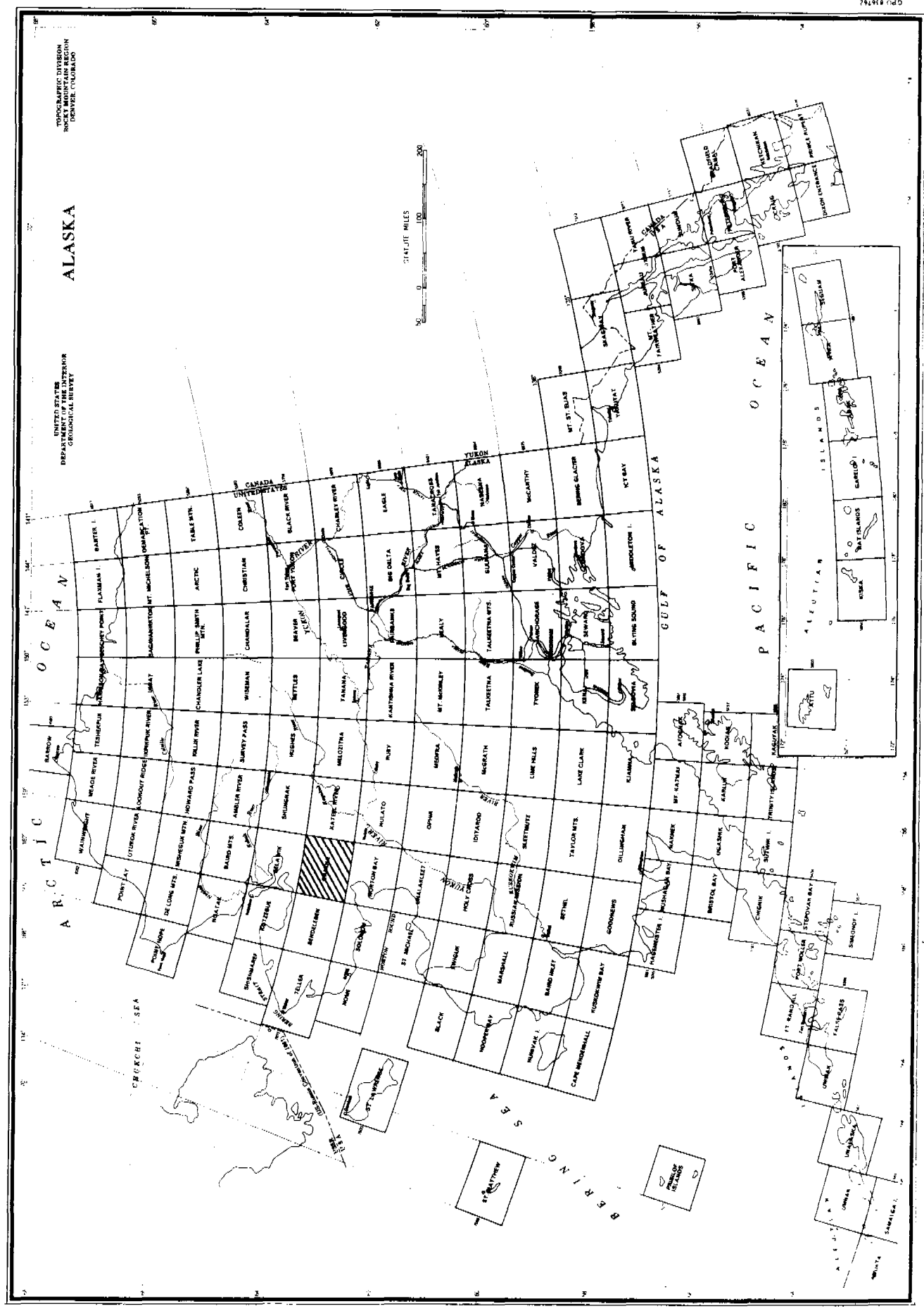
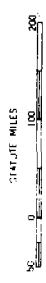
SOURCE OF DATA ON DISTRIBUTION OF IGNEOUS ROCKS

- Patton, W. W., Jr., 1967, Regional geologic map of the Candle quadrangle, Alaska: U.S. Geol. Survey Misc. Geol. Inv. Map I-492.

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Index map showing location of the Candle quadrangle.