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METALLIC MINERAL RESOURCES MAP OF THE TANANA 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> <sup>1/</sup>
1.	Tozimoran Creek: Wedow, Killeen, and others (1954), p. 35	Pb
2.	Gold Hill: Maddren (1910), p. 82	Au, Ag
3.	Quartz Creek: Eakin (1916), p. 82-83	Au, Pb, Ag
4.	Boulder Creek: Unpublished data	Cr
5.	Idaho Gulch: Wayland (1961), p. 369	Ag
6.	Hot Springs Dome (Barrett): Mertie (1934), p. 215-216; Wayland (1961), p. 369-370	Co, Cu, Au, Pb, Ag
7.	Avnet: Thomas (1965), 8 p.	Mn
8.	Joseph Creek: Burand and Saunders (1966), p. 5 Unnamed occurrence: Mertie (1934), p. 217	Sb Sb
9.	Unnamed occurrence: Mertie (1934), p. 217	Pb, Ag
10.	Chapman Creek: Burand and Saunders (1966), p. 5	Sb
11.	Baldry Mountain: Burand and Saunders (1966), p. 5	Mn
12.	Little Minook Creek: Burand and Saunders (1966), p. 5	Mn

<sup>1/</sup> Symbols - Sb, antimony; Cr, chromite; Co, cobalt; Cu, copper; Au, gold; Pb, lead; Mn, manganese; Ag, silver.

PLACER DEPOSITS

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
13	Grant Creek: Smith (1932), p. 68; Chapman, Coats, and Payne (1963), p. 16 Grant (Lynx) Creek: Eakin (1912), p. 281-282	Au, Sn Au
14	Tozimoran Creek: Chapman, Coats, and Payne (1963), p. 14-26	Au, Sn
15	Homestake Creek: Brooks (1911), p. 184	Au
16	Bonanza Creek: Chapman, Coats, and Payne (1963), p. 5, 9	Au, Sn
17	Morelock Creek: Chapman, Coats, and Payne (1963), p. 5-13	Au, Sn
18	American Creek: Mertie (1934), p. 213-214; Waters (1934), p. 241	Cr, Au
19	New York Gulch: Mertie (1934), p. 214; Waters (1934), p. 241	Au
20-21	Boulder Creek: Mertie (1934), p. 214-215; Waters (1934), p. 241; Moxham (1954), p. 6	Au, Mz
22	Quartz Creek: Mertie (1934), p. 212-213; Waters (1934), p. 240; Wayland (1961), p. 396 Sullivan Creek: Wayland (1961), p. 367, 372, 374, 377-379, 396, 403-411	Au, RE, Sn Cr, Cu, Au, Pb, RE, Sn
23	Patterson Creek: Thomas (1957), p. 7 Woodchopper Creek: Thomas (1957), p. 7; Wayland (1961), p. 372, 388-389, 392-394, 399, 402-403, 408	Au, Ag, Sn Au, Ag, Sn
24	Deep Creek } Hokeley Gulch } : { Thomas (1957), p. 7, 45; Innesvale Gulch } : { Wayland (1961), p. 367, 372, Patterson Creek: Thomas (1957), p. 7 } : { 374, 385-392, 397, 408, 410 } Patterson Creek: Thomas (1957), p. 7	Cr, Au, Pb, Ni, RE, Ag, Sn Au, Ag, Sn
25	Miller Gulch: Moxham (1954), p. 5-6; Thomas (1957), p. 6-8; Wayland (1961), p. 370, 373-374, 384-385, 408, 410 Patterson Creek: Thomas (1957), p. 7	Au, RE, Ag, Sn Au, Ag, Sn

1/ Symbols - Cr, chromite; Cu, copper; Au, gold; Pb, lead; Mz, monazite; Ni, nickel; RE, rare-earth metals (other than monazite); Ag, silver; Sn, tin.

2/ Gold has been produced from most of the listed placers; in addition tin has been produced from several.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <sup>1/</sup> , <sup>2/</sup>
26	Idaho Gulch: Moxham (1954), p. 5; Thomas (1957), p. 6-8; Wayland (1961), p. 372, 379, 382-384, 397-398 Patterson Creek: Thomas (1957), p. 7	Au, RE, Sn Au, Ag, Sn
27	Patterson Creek: Thomas (1957), p. 7 Tofty Gulch: Moxham (1954), p. 5-6; Thomas (1957), p. 7-8; Wayland (1961), p. 374, 379-382, 403, 405-411	Au, Ag, Sn Cr, Au, RE, Ag, Sn
28	Patterson Creek: Thomas (1957), p. 7 Sullivan Creek: Wayland (1961), p. 367, 372, 374, 377-379, 396, 409-411	Au, Ag, Sn Cr, Cu, Au, Pb, RE, Sn
29	Harter Gulch: Thomas (1957), p. 48; Wayland (1961), p. 376 Patterson Creek: Thomas (1957), p. 7	Au, Sn Au, Ag, Sn
30	Dalton Gulch: Thomas (1957), p. 7-8, 48; Wayland (1961), p. 376 Patterson Creek: Thomas (1957), p. 7	Au, Sn Au, Ag, Sn
31	Cache Creek: Mertie (1934), p. 212; Waters (1934), p. 240, Wayland (1961), p. 365-375, 397 Ferguson Draw: Wayland (1961), p. 374-375 Patterson Creek: Thomas (1957), p. 7	Cr, Au, RE, Ag, Sn Au, Sn Au, Ag, Sn
32	Gold Basin Creek: Wayland (1961), p. 394-395, 399	Au, Sn
33	Killarney Creek: Wayland (1961), p. 372, 394-395, 399	Au, Sn
34	Cooney Creek: Smith (1939b), p. 50; Wayland (1961), p. 394	Au
35	Chicago Creek: Hess (1908), p. 92 Omega Creek: Mertie (1934), p. 203-204; Waters (1934), p. 238 Thanksgiving Creek: Hess (1908), p. 82-83, 92-93, 97-98	Au Au, Hg, W Au
36	Glen Creek (or Gulch): Mertie (1934), p. 203; Wayland (1961), p. 396 Gold Run: Mertie (1934), p. 200-201 Rhode Island Creek: Mertie (1934), p. 199-201 Seattle Creek: Mertie (1934), p. 200 Shirley Bar (or Bench): Mertie (1934), p. 193, 201-202; Waters (1934), p. 237-238	Au, Sn Au Au Au Au, Pb, Hg

<sup>1/</sup> Symbols - Cr, chromite; Cu, copper; Au, gold; Pb, lead; Hg, mercury; RE, rare-earth metals (other than monazite); Ag, silver; Sn, tin; W, tungsten.

<sup>2/</sup> Gold has been produced from most of the listed placers; in addition tin has been produced from several.

<u>Number</u>	<u>Name and principal reference(s)</u>	<u>Commodity</u> <u>1/</u> , <u>2/</u>
37	Eureka Creek: Mertie (1934), p. 166, 192-195; Wayland (1961), p. 396	Au, Sn
38	Boothby Creek Doric Creek Jordan Bar Last Bench Pioneer Creek Seattle Bar Seattle Jr. Creek Skookum Creek What Cheer Bar	{ Mertie (1934), p. 195-198, 201; Waters (1934), p. 236-237
		Au, Hg, W
39	McCaskey Bar: Mertie (1934), p. 193, 198-199; Waters (1934), p. 237	Au, Hg
40	Chapman Creek: Ellsworth and Davenport (1913), p. 222; Burand and Saunders (1966), p. 5	Au
41	Slate Creek: Hess (1908), p. 65, 81-82; Mertie (1934), p. 165, 187-188	Cu(?), Au, Ag
42	Minook Creek: Mertie (1934), p. 165, 174-177	Au, Ag
43	Ruby Creek: Mertie (1934), p. 188-189; Burand and Saunders (1966), p. 5	Bi, Au, Ag
44	Florida Creek: Mertie (1934), p. 175, 191	Au
45	Hoosier Creek: Mertie (1934), p. 165, 186-187; Waters (1934), p. 234	Cu, Au, Hg, W
46	Little Minook Jr. Creek: Mertie (1934), p. 165, 175, 184-185; Waters (1934), p. 234	Au, Pb
47	Little Minook Creek: Mertie (1934), p. 165, 181-183; Waters (1934), p. 232-234	Bi, Cr, Cu, Au, Pb, Ag, W
48	Hunter Creek: Mertie (1934), p. 165, 177-181; Waters (1934), p. 232	Cu, Au, Pb, Hg, Sn
49	Golden Creek: Chapman, Coats, and Payne (1963), p. 16	Au
<u>1/</u>	Symbols - Bi, bismuth; Cr, chromite; Cu, copper; Au, gold; Pb, lead; Hg, mercury; Ag, silver; Sn, tin; W, tungsten.	
<u>2/</u>	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>
50	American Gulch: Eakin (1912), p. 282	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>
California Creek: Smith (1934), p. 33	Au
Colorado Creek: Smith (1939a), p. 53	Au
Dry Creek: Chapin (1919), p. 335	Au
New York Creek: Smith (1939a), p. 53	Au
Schieffelin (Shevlin) Creek: Brooks (1909), p. 55	Au

1/ Symbol - Au, gold.

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

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No data for Ray Mountains and most of the rest of the area northwest of Yukon River.



