

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

MISCELLANEOUS FIELD STUDIES
MAP MF-413

LODE DEPOSITS

SHEET 2 OF 2

Number	Name and principal reference(s)	Commodity 1/, 2/	Number	Name and principal reference(s)	Commodity 1/, 2/	Number	Name and principal reference(s)	Commodity 1/, 2/	Number	Name and principal reference(s)	Commodity 1/, 2/	
1	Wolverine Mountain: Berg and Cobb, 1967, p. 236	Sb	32	Burnet: Chapin, 1914a, p. 349 Independence: Hill, 1933, p. 114-115; Chapman and Foster, 1969, p. D12	Au	51	Hi-Yu (Crites & Feldman) (Nars, Anderson & Gibbs): Smith, 1913, p. 156-159; Hill, 1933, p. 63, 70, 108-113; Killen and Mertie, 1951, p. 14 Rob & Roy: Brooks, 1916c, p. 37-38; Martin, 1920, p. 39 Saucy: Brooks, 1916c, p. 37-38 Wolf: Brooks, 1916c, p. 37-38	Sb, Au, Pb, Ag, Zn Sb, Au Sb, Au Sb, Au	86-87	Little Eldorado (Eldorado) Creek: Prindle and Katz, 1909, p. 188, 190-191; Byers, 1957, p. 188, 210	Au, Sn, W	
2	Sawtooth Mountain: Joesting, 1943, p. 16	Sb	33	Hirschberger & Zimmerman: Brooks, 1912, p. 32 Moonlight: Hill, 1933, p. 114 Zimmerman: Smith, 1913, p. 201	Au Au Au, Ag	52	McCarty (Alder Creek): Smith, 1913, p. 156; Brooks, 1916a, p. 60	Au	88	Bedrock Creek: Joesting, 1942, p. 32, 37; Byers, 1957, p. 188, 210 Chatanika River: Prindle and Katz, 1909, p. 190-191; Smith, 1942, p. 39 Chatham Creek: Prindle, 1910, p. 226; Joesting, 1942, p. 10-11, 32, 37; Joesting, 1943, p. 9 Cleary Creek: Prindle, 1906, p. 111, 119; Joesting, 1942, p. 8, 10, 32, 37 Willow Creek: Joesting, 1943, p. 19-20 Wolf Creek: Prindle, 1908, p. 41-42	Au, Sn, W Au Sb, Au, Sn, W Sb, Au, Sn, W Au, Sn, W	
3	Griffin: Foster, 1968, p. 2 Lillian Creek: Joesting, 1942, p. 14; Foster and Chapman, 1967, table 1 Ruth Creek: Mertie, 1918a, p. 273-274; Overbeck, 1920, p. 183; Joesting, 1943, p. 16; Foster and Chapman, 1967, table 1	Au Sb, Au, Hg Sb, Cr, Au, Ni, Ag	34	White Elephant: Chapin, 1914a, p. 348; Hill, 1933, p. 114; Chapman and Foster, 1969, p. D12	Pb, Ag	53	Eureka: Smith, 1913, p. 156	Au	89	Pedro Creek: Prindle, 1906, p. 111, 118; Joesting, 1942, p. 32 Steamboat Pup: Brooks, 1916a, p. 59 Twin Creek: Prindle and Katz, 1909, p. 188, 192	Au, Sn, W Au Au, Sn Au, Sn	
4	Old Smoky: Foster, 1968, p. 2 Olive Creek (Hudson, Sunshine No. 2): Joesting, 1942, p. 26; Foster and Chapman, 1967, table 2; Foster, 1968, p. 2	Au Au, Hg	35	Pinnacle (Cheyenne): Smith, 1913, p. 182-183; Chapman and Foster, 1969, p. D12 Emma (Katherine): Hill, 1933, p. 90-91; Chapman and Foster, 1969, p. D11	Sb, Au, Pb, Ag Au	54	Charles: Smith, 1913, p. 156	Au	90	Fish Creek: Prindle and Katz, 1913, p. 102-103; Joesting, 1942, p. 11, 32; Wedow, White, and others, 1954, p. 1, 3	Au, Sn Au, Sn Sb, Bi, Au, Sn, W	
5	Livengood Creek: Joesting, 1942, p. 14	Sb	36	Jackson: Chapin, 1914a, p. 338-339; Hill, 1933, p. 92-93 Wackwitz (Cleary Summit): Chapman and Foster, 1969, p. D12	Sb, Au, Pb, Ag Sb, Au, Pb, Ag, Zn	55	Egan & Egan: Hill, 1933, p. 155	Au	91	Alder Creek: Chapin, 1914b, p. 359; Smith, 1942, p. 39 Crane Gulch: Prindle and Katz, 1913, p. 112-113 Deep Creek: Chapin, 1914b, p. 359 Fairbanks Creek: Prindle and Katz, 1913, p. 102; Joesting, 1942, p. 11, 32, 37, 40; Byers, 1957, p. 188, 210-211 Walnut Creek: Prindle and Katz, 1913, p. 101, 112-113	Au, Sn Au Au Au Sb, Au, Sn, W Au	
6	Parker: Foster and Chapman, 1967, table 1	Cr, Ni	37	Chechako No. 1 (Eldorado, Westonvich): Hill, 1933, p. 89-96 Moore-Sheldon: Chapman and Foster, 1969, p. D11 Mother Lode: Brooks, 1916c, p. 32-33 Newsboy: Hill, 1933, p. 63, 85-89 Steil: Smith, 1913, p. 187	Sb, Cu, Au, Pb, Ag, Zn Sb, Cu, Au, Zn Sb, Au	56	Coffee Dome: Chapman and Foster, 1969, p. D7	Au, Pb, Ag	92	Kokomo Creek: Brooks, 1923, p. 6, 29; Smith, 1942, p. 39	Au, Sn Au, Sn Au	
7	Unnamed occurrence: Foster, 1969	Cr	38	Herschberger, Baall & Phipps: Brooks, 1911, p. 34 Johnson: Byers, 1957, p. 210; Joesting, 1943, p. 7 Tolovana: Smith, 1913, p. 183-185; Hill, 1933, p. 91-92; Byers, 1957, p. 210	Sb, Cu, Au, Pb, Ag, Zn Sb, W Sb, Au, Ag, W	57	Dawson Creek: Mertie, 1934, p. 180 Hunter Creek: Mertie, 1934, p. 165, 177-181; Waters, 1934, p. 232 Idaho Bar: Mertie, 1934, p. 183-184; Waters, 1934, p. 234-235	Au Au Au	93	Nome Creek: Ellsworth and Parker, 1911, p. 165 Ophir Creek: Ellsworth and Parker, 1911, p. 165; Martin, 1920, p. 38	Au Au Au	
8	Treasure Creek: Smith, 1913, p. 196	Au	39	Cleary Hill (Rhoads-Hall): Smith, 1913, p. 177-182; Brooks, 1916c, p. 34-35; Hill, 1933, p. 93-96; Byers, 1957, p. 208-209 Wackwitz (Wyoming): Smith, 1913, p. 181; Moffit, 1927, p. 12; Hill, 1933, p. 96-98; Byers, 1957, p. 206-208	Sb, Cu, Au, Pb, Ag, Zn Sb, W, Zn Sb, Au, W	58	Quail Creek: Mertie, 1934, p. 189-191	Au	Placer deposits not shown on map because occurrences could not be located closely enough to plot:			
9	Scrafford: Hill, 1933, p. 156-157; Killen and Mertie, 1951, p. 12, 21-22	Sb, Au, Ag	40	Cunningham: Smith, 1913, p. 182 Sunrise: Chapin, 1914a, p. 337	Sb, Au Sb, Au(?)	59	Quail Creek: Mertie, 1934, p. 189-191	Au	Hess Creek: Brooks, 1916b, p. 201, 208	Au		
10	Goodwin: Hill, 1933, p. 157; Killen and Mertie, 1951, p. 12, 22-23	Sb	41	Bobbie: Smith, 1913, p. 177; Brooks, 1916c, p. 35 Butler & Petree (B.F.): Smith, 1913, p. 176-177; Hill, 1933, p. 98	Sb, Pb, Ag Sb, Au, Pb, Zn	60	Quail Creek: Mertie, 1934, p. 189-191; Waters, 1934, p. 235	Au, Hg, Sn, W	Hess Creek, South Fork: Mertie, 1918a, p. 259, 272-273	Au		
11	Hoel Bros., Johnson & Witmer: Smith, 1913, p. 196	Au	42	Alaska (Jupiter-Mars): Smith, 1913, p. 175; Hill, 1933, p. 99-100 Anna-Mary: Hill, 1933, p. 100; Chapman and Foster, 1969, p. D9 Colbert & Warmbold: Chapman and Foster, 1969, p. D9 Empire (New York): Chapin, 1914a, p. 337; Hill, 1933, p. 75	Sb, Au, Ag, W Sb, Cu, Au, Pb, Ag, Zn, W, Zn Sb, Au, W	61	Gunnison Creek: Mertie, 1934, p. 192; Waters, 1934, p. 235-236 Troublesome Creek: Mertie, 1934, p. 192; Waters, 1934, p. 236	Au, W Au, Hg, Pb, Sn	1/ Symbols - Sb, antimony; Bi, bismuth; Cr, chromite; Cu, copper; FM, fissionable materials (other than monazite); Au, gold; Pb, lead; Mn, manganese; Mo, molybdenum; Hg, mercury; Mz, monazite; Ni, nickel; RE, mineral (other than monazite) containing rare-earth metal(s); Ag, silver; Sn, tin; W, tungsten; Zn, zinc.			
12	Thrift: Smith, 1913, p. 196	Au	43	Sky High: Smith, 1913, p. 175 Vetter: Chapman and Foster, 1969, p. D9	Sb, Au, Ag, W Sb, Cu, Au, Pb, Ag, Zn	62	Troublesome Creek: Prindle and Katz, 1913, p. 146; Mertie, 1934, p. 192	Au	2/ Symbol underlined indicates recorded production.			
13	Frederick: Smith, 1913, p. 194-196; Hill, 1933, p. 80-81	Sb, Au	44	Chatham: Smith, 1913, p. 172-173; Brooks, 1916c, p. 35-36; Hill, 1933, p. 100-101; Joesting, 1943, p. 8-9 Harris & Brown: Smith, 1913, p. 175-176 Quemboe Bros.: Smith, 1913, p. 171-172	Sb, Au, Ag Sb, Au(?) Sb, Au	63	Willow Creek: Smith, 1926, p. 14	Au	3/ Gold has been produced from most of the listed placers.			
14	Gilmer: Brooks, 1916c, p. 29-30; Joesting, 1942, p. 8, 10	Sb, Au, Ag	45	Banner: Smith, 1913, p. 171 Homestake (Keystone) (Rexall): Smith, 1913, p. 168, 170-171; Chapin, 1914a, p. 331-335; Hill, 1933, p. 101-102; Killen and Mertie, 1951, p. 14; Chapman and Foster, 1969, p. D8-D9 Solomon: Killen and Mertie, 1951, p. 33	Au Sb, Au, Pb, Ag Au	64	Franklin Creek: Brooks, 1916b, p. 208 Livengood Creek: Mertie, 1918a, p. 259-268; Overbeck, 1920, p. 178-181, 183; Joesting, 1942, p. 14, 17, 34, 39 Myrtle Creek: Brooks, 1918, p. 56	Au Sb, Cr, Au, Hg, Sn, W Au				
15	Mother Lode: Smith, 1913, p. 194	Cu	46	McCarty (Henry Ford): Smith, 1913, p. 164; Hill, 1933, p. 104-106; Killen and Mertie, 1951, p. 14, 35 McCarty (Pioneer): Smith, 1913, p. 164-167; Hill, 1933, p. 102-103; Joesting, 1942, p. 10	Sb, Au Sb, Au, Pb, Zn	65	Ruth Creek: Brooks, 1918, p. 22; Mertie, 1918a, p. 269-271, 273-274; Overbeck, 1920, p. 183; Joesting, 1942, p. 17, 26, 39; Wedow, Killen, and others, 1954, p. 11	Sb, Cr, Au, Hg, Mz, W				
16	Woods: Chapman and Foster, 1969, p. D14	Sb, Au, Pb, Mn	47	Branholm-Jenkins (McNeil): Hill, 1933, p. 104; Killen and Mertie, 1951, p. 14, 37	Sb, Pb	66	Lillian Creek: Mertie, 1918a, p. 270-271; Overbeck, 1920, p. 181-183	Sb, Cr, Au, Hg, W				
17	Alaska Flyer: Smith, 1913, p. 194	Au	48	Gilmore: Hill, 1933, p. 108 Kellen: Smith, 1913, p. 163-164 Mizpah: Smith, 1913, p. 162; Mertie, 1918b, p. 405-406; Hill, 1933, p. 107; Killen and Mertie, 1951, p. 14; Byers, 1957, p. 208 Ohio: Smith, 1913, p. 162-163; Mertie, 1918b, p. 408-409; Hill, 1933, p. 107-108 Perrault: Chapin, 1914a, p. 329	Au Sb, Au, Pb, Ag, Zn Sb, Au	67	Glen Gulch: Mertie, 1918a, p. 269	Au				
18	Old Glory (Leslie): Byers, 1957, p. 209-210	W	49	Excelsior: Smith, 1913, p. 161-162 Governor: Smith, 1913, p. 160 Whitehorse (Too Much Gold Creek): Smith, 1913, p. 160; Hill, 1933, p. 104; Killen and Mertie, 1951, p. 36-37	Sb, Au, Pb, Ag Au Sb, Au, Pb	68	Lucille Creek: Smith, 1936, p. 40; Joesting, 1942, p. 17	Cr, Au				
19	Seattle Creek: Joesting, 1943, p. 23	W	50	Fairbanks Creek: Smith, 1913, p. 163	Au, Ag	69	Amy Creek: Overbeck, 1920, p. 181, 184; Joesting, 1942, p. 14, 17	Sb, Cr, Au				
20	Busty Belle: Chapman and Foster, 1969, p. D13 Freeman & Scharf: Smith, 1913, p. 198; Chapman and Foster, 1969, p. D13 Silverstone: Chapman and Foster, 1969, p. D13	Au, Pb, Mo(?), Ag, W Au, Pb, Ag Sb, Au, Pb, Ag				70-71	Goodluck (Lucky) Creek: Smith, 1941, p. 49; Joesting, 1942, p. 17; Wedow, White, and others, 1954, p. 2-3	Cr, FM, Au, Hg, RE, Sn				
21	Spruce Creek: Smith, 1913, p. 190	Au				72	Olive Creek: Mertie, 1918a, p. 271-272, 274; Overbeck, 1920, p. 182-183; Joesting, 1942, p. 17, 26, 39	Cr, Au, Hg, W				
22	Markovich: Hill, 1933, p. 83; Joesting, 1943, p. 9	Sb, Au				73	Ester Creek: Mertie, 1918a, p. 271-272; Smith, 1932, p. 36	Au, Hg				
23-24	Soo (Reliance): Smith, 1913, p. 190-194; Hill, 1933, p. 68-70, 77-80; Joesting, 1943, p. 9; Chapman and Foster, 1969, p. D13	Sb, Au, Pb, Ag				74	Steel Creek: Joesting, 1943, p. 20	W				
25	Rowley-Schummeff (Nightingale): Smith, 1913, p. 198; Chapman and Foster, 1969, p. D13	Sb, Pb, Ag				75	Wilbur Creek: Smith, 1942, p. 46	Au				
26	Hoover (Birch & Anderson): Hill, 1933, p. 119-120	Sb, Au				76	Gertrude Creek: Mertie, 1918a, p. 269	Au				
27	Dome View: Hill, 1933, p. 83-84	Au				77-78	Our Creek: Prindle and Katz, 1913, p. 101-102	Au				
28	Hidden Treasure: Chapin, 1914a, p. 342-343 Thompson: Chapin, 1914a, p. 342	Au Au				79-83	Treasure Creek: Prindle and Katz, 1913, p. 101, 107, 112-113 Vault Creek: Prindle, 1908, p. 29, 43-44; Prindle and Katz, 1913, p. 101, 108, 112-113 Wildcat Creek: Prindle and Katz, 1913, p. 101; Brooks, 1916a, p. 59	Au Au Au				
29	Mohawk (Heilig & Creighton): Smith, 1913, p. 190; Mertie, 1918b, p. 407; Hill, 1933, p. 82	Sb, Au				84-85	Dome Creek: Prindle and Katz, 1913, p. 100-101; Joesting, 1942, p. 32, 37; Joesting, 1943, p. 20, 28; Byers, 1957, p. 188, 210	Au, Sn, W				
30	Burnet Galena: Chapin, 1914a, p. 349-350; Hill, 1933, p. 118 David (Apex): Hill, 1933, p. 115-116 Goepfert: Smith, 1913, p. 201-202 Goepfert Galena: Smith, 1913, p. 202 North Star: Hill, 1933, p. 116-117 North Star Extension (Center Star): Hill, 1933, p. 116-118 Rainbow: Smith, 1913, p. 198-200; Hill, 1933, p. 74, 115 S.S.: Smith, 1913, p. 202-203 Thompson & Burns: Hill, 1933, p. 118 Whitman & Murray: Brooks, 1911, p. 35	Sb, Pb, Ag Au Au Pb Sb, Au Au Au, Pb, W, Zn Au Au Au Au										
31	Egan: Byers, 1957, p. 210 Zimmerman (Twin Creek): Hill, 1933, p. 118-119	W Au										

METALLIC MINERAL RESOURCES MAP OF THE LIVENGOOD QUADRANGLE, ALASKA
Compiled by Edward H. Cobb