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DIV. MINES & MINERALS

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

8

METALLIC MINERAL RESOURCES MAP OF THE FAIRBANKS QUADRANGLE, ALASKA

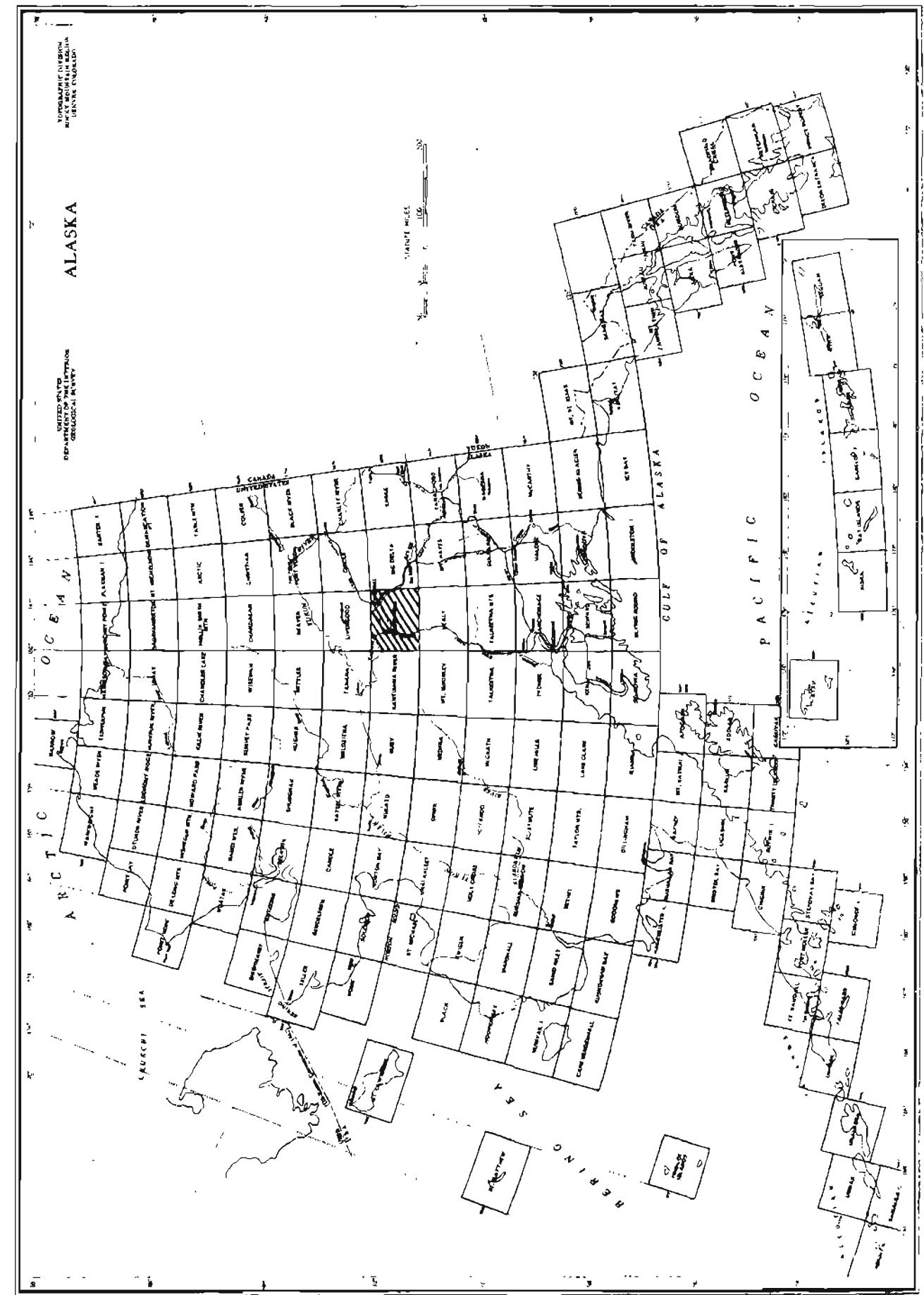
Compiled by

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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.



Index map showing location of the Fairbanks quadrangle.

LODE DEPOSITS

| <u>Number</u> | <u>Name and principal reference(s)</u> | <u>Commodity</u> |
|---------------|---|--|
| 1. | Mother: Hill (1933), p. 120-122 | Au |
| 2. | Maloney: Hill (1933), p. 123 | Sb |
| 3. | Barker & McQueen: Chapin (1914a), p. 352-353 Jennie C. (McQueen): Hill (1933), p. 157; Killeen and Mertie (1951), p. 19-20 | Au <u>Sb</u> |
| 4. | Cottonblossom: Smith (1913), p. 208-209 Silver Dollar: Hill (1933), p. 127-128 | Sb, Au <u>Au</u> |
| 5. | Koegley: Smith (1913), p. 206 | Au |
| 6. | Blue Bonanza: Smith (1913), p. 197; Hill (1933), p. 122 | Sb, Au, Pb, Ag |
| 7. | Farmer: Hill (1933), p. 122-123 Vuyovich: Hill (1933), p. 128 | Au <u>Au</u> |
| 8. | Ready Bullion: Hill (1933), p. 123-127 | Sb, <u>Au</u> |
| 9. | Tyndall & Finn: Smith (1913), p. 208 Vuyovich: Hill (1933), p. 128 | Au <u>Sb, Au</u> |
| 10. | Sanford: Hill (1933), p. 149 | <u>Au</u> |
| 11. | Michley: Hill (1933), p. 149 | <u>Au</u> |
| 12. | Clipper: Hill (1933), p. 152; Killeen and Mertie (1951), p. 12, 14, 16 Dorothy & Dorice: Smith (1913), p. 209; Chapin (1914a), p. 354-355 First Chance: Hill (1933), p. 147-148 Prometheus: Hill (1933), p. 148 Stibnite: Brooks (1916b), p. 38-39; Killeen and Mertie (1951), p. 12, 15 Wandering Jew: Hill (1933), p. 147 | <u>Sb</u> , Au Au <u>Au</u> <u>Sb, Cu, Au, Pb, Ag</u> <u>Sb</u> <u>Au</u> |
| 13. | Saint Paul: Hill (1933), p. 128-129 | <u>Sb, Au</u> |
| 14. | Happy Creek: Joesting (1942), p. 11 | Sb |
| 15. | Fair Chance: Hill (1933), p. 139 Mohawk: Smith (1926), p. 8; Hill (1933), p. 142-147; Joesting (1943), p. 11 | <u>Au</u> <u>Sb, Au, Pb, Zn</u> |
| 16. | Billy Sunday: Hill (1933), p. 139-142 Ryan: Hill (1933), p. 135-138; Smith (1939b), p. 26 | <u>Sb, Au</u> <u>Sb, Au, Ag</u> |

1/ Symbols - Sb, antimony; Bi, bismuth; Cu, copper; Au, gold; Pb, lead; Mo, molybdenum; Ag, silver; W, tungsten; Zn, zinc.

2/ Symbol underlined indicates recorded production.

| <u>Number</u> | <u>Name and principal reference(s)</u> | <u>Commodity</u> 1/, 2/ |
|---------------|---|--|
| 17. | Blue Bird: Hill (1933), p. 139 Blue Bird Mining Co.: Smith (1939a), p. 25 Crown Point: Chapin (1914a), p. 353 Eva Quartz Co.: Smith (1930), p. 17 McDonald: Hill (1933), p. 133-135 Stay (Little Eva): Hill (1933), p. 129-133 | Au Au Au Au <u>Sb</u> , <u>Au</u> <u>Au</u> |
| 18. | Elmes: Hill (1933), p. 150 Happy Creek: Smith (1942b), p. 23 | Au <u>Au</u> |
| 19. | Grant: Hill (1933), p. 150 Royal Flush: Smith (1939a), p. 25 | Au <u>Au</u> |
| 20. | Goodwin: Hill (1933), p. 157; Killeen and Mertie (1951), p. 12, 22-23 Scrafford: Hill (1933), p. 156-157; Killeen and Mertie (1951), p. 12, 21-22 | <u>Sb</u> <u>Sb</u> , Au |
| 21. | Bunker Hill: Chapin (1914a), p. 345; Hill (1933), p. 154 Goodwin: Hill (1933), p. 153-154 | Au <u>Au</u> |
| 22. | Freeman & Scharf: Smith (1913), p. 198 | Au, Pb, Ag |
| 23. | Engineer: Hill (1933), p. 153 | Au |
| 24. | Ridge: Hill (1933), p. 153 | Au |
| 25. | Anderson: Mertie (1918), p. 424 Black Bear: Chapin (1919), p. 327 Blossom: Byers (1957), p. 203-204 Tanana: Byers (1957), p. 204-205 Tungsten Hill: Byers (1957), p. 205 | W W W Au, W Au, W |
| 26. | Rose Creek: Chapin (1914a), p. 346 | Sb |
| 27. | Columbia: Byers (1957), p. 206 Spruce Hen: Smith (1942a), p. 196; Byers (1957), p. 201-203 | W Mo, W |
| 28. | Green Mountain: Chapin (1914a), p. 345-346 Woodpecker: Chapin (1914a), p. 346 | Au Au |
| 29. | Schubert: Byers (1957), p. 201 | W |
| 30. | Colbert: Byers (1957), p. 199-200 Franklin: Chapin (1919), p. 327 Ptarmigan: Chapin (1919), p. 327 Stepovich: Byers (1957), p. 188-198 | W W W Mo, W |

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2/ Symbol underlined indicates recorded production.

| <u>Number</u> | <u>Name and principal reference(s)</u> | <u>Commodity</u> <u>1/</u> , <u>2/</u> |
|---------------|--|---|
| 31. | Melba Creek: Hill (1933), p. 71 Monte Cristo: Mertie (1918), p. 412 Voght: Chapin (1914a), p. 330-331 | Bi, Au Bi, Au, W Bi, Au |
| 32. | Yellow Pup: Byers (1957), p. 200-201 | W |
| 33. | American (Perrault): Smith (1913), p. 166; Hill (1933), p. 154 American Eagle: Smith (1913), p. 166; Hill (1933), p. 154 | <u>Au</u> <u>Au</u> |
| 34. | White Association: Mertie (1918), p. 421 | W |
| 35. | Rambler: Joesting (1942), p. 12 | <u>Sb</u> , Au, Pb, Ag |
| 36. | Spruce Creek: Joesting (1943), p. 14 | <u>Sb</u> , Au, Pb, Ag |
| 37. | Moose Creek: Overbeck (1918), p. 360 | Au |
| 38. | Liberty Bell: Moffit (1933), p. 340-345 | Bi, Cu, <u>Au</u> |
| 39. | California Creek: Tolbert and Nelson (1952), p. 9; Joesting (1943), p. 13-14 Caribou Creek: Joesting (1942), p. 12 Prospect Mining Co.: Smith (1937), p. 65, 70 | Sb, Bi, Cu, Au, Ag Sb Cu, <u>Au</u> , Pb, <u>Ag</u> |
| 40. | Eagle Creek: Joesting (1943), p. 13-14 | Sb |

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2/ Symbol underlined indicates recorded production.

PLACER DEPOSITS

| <u>Number</u> | <u>Name and principal reference(s)</u> | <u>Commodity</u> | <u>1/ 2/</u> |
|---------------|---|------------------------------|--------------|
| 41. | Emma Creek: Ellsworth and Parker (1911), p. 158 | Au | |
| 42. | Ester Creek: Brooks (1907), p. 30; Prindle (1908), p. 29, 44-46; Prindle and Katz (1913), p. 103-105; Byers (1957), p. 188 Eva Creek: Brooks (1916a), p. 59 Ready Bullion Creek: Prindle (1908), p. 45 | Sb, Au, W Au Au | |
| 43. | Cripple Creek: Prindle (1908), p. 29, 44-45; Smith (1942b), p. 38-40, 67; Joesting (1942), p. 32 | Au, Sn | |
| 44. | Happy Creek: Smith (1942b), p. 39 | Au | |
| 45. | St. Patrick Creek: Eakin (1915), p. 235 | Au | |
| 46. | O'Connor Creek: Prindle (1908), p. 39, 41; Prindle and Katz (1913), p. 106 | Au | |
| 47. | Big Eldorado (Eldorado) Creek: Prindle and Katz (1913), p. 106 | Au | |
| 48. | Fox Creek: Prindle (1908), p. 39, 41; Prindle and Katz (1913), p. 105-106; Byers (1957), p. 188, 210 | Au, W | |
| 49. | Engineer Creek: Prindle and Katz (1913), p. 105-106 First Chance Creek: Smith (1942b), p. 39; Joesting (1942), p. 32, 39-41 Goldstream Creek: Prindle and Katz (1913), p. 105; Joesting (1942), p. 32, 39 | Au Au, Sn, W Au, Sn, W | |
| 50. | Flume Creek: Brooks (1916a), p. 59 Pedro Creek: Prindle (1906), p. 111, 118; Joesting (1942), p. 32 | Au Au, Sn | |
| 51. | Gilmore Creek: Prindle (1908), p. 39-40; Hill (1933), p. 71; Joesting (1942), p. 39-40 New Years Pup: Chapin (1914b), p. 359 Rose Creek: Prindle and Katz (1913), p. 113; Byers (1957), p. 188, 211 | Bi, Au, W Au Au, W | |
| 52. | Hill Creek: Brooks (1925), p. 19 | Au | |
| 53. | Nugget Creek: Smith (1942b), p. 39 | Au | |
| 54. | Monte Cristo Pup: Eakin (1915), p. 233 | Au | |
| 55. | Pearl Creek: Hill (1933), p. 71; Joesting (1943), p. 27; Smith (1942b), p. 39 | Bi, Au, W | |

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2/ Gold has been produced from most, if not all, of the listed placers.

| <u>Number</u> | <u>Name and principal reference(s)</u> | <u>Commodity</u> |
|---------------|--|-------------------|
| 56. | Smallwood Creek: Prindle (1908), p. 46-47; Prindle and Katz (1913), p. 103 | Au |
| 57. | Last Chance Creek: Eakin (1915), p. 233 | Au |
| 58. | Moose Creek: Overbeck (1918), p. 355; Maddren (1918), p. 365-368; Joesting (1942), p. 20, 27, 34, 39 | Au, Hg, Pt, Sn, W |
| 59. | Little Moose Creek: Maddren (1918), p. 365-368; Joesting (1943), p. 20 | Au, W |
| 60. | Rex Creek: Maddren (1918), p. 380-383 | Au |
| 61. | Eva Creek: Maddren (1918), p. 384-386; Joesting (1942), p. 39, 41 | Au, W |
| 62. | California Creek: Capps (1912), p. 46; Maddren (1918), p. 380, 383; Joesting (1942), p. 20, 27 | Au, Hg, Pt |
| 63. | McAdam Creek: Moffit (1933), p. 345 | Au |
| 64. | Totatlanika Creek: Maddren (1918), p. 388, 391-394 | Au |
| 65. | Daniels Creek: Maddren (1918), p. 388-391 | Au |
| 66. | Fourth of July Creek: Maddren (1918), p. 393-394 | Au |
| 67. | Homestake Creek: Capps (1912), p. 44-46; Maddren (1918), p. 395-397 | Au |
| 68. | Hearst Creek: Maddren (1918), p. 399-400 | Au |
| 69. | Roosevelt Creek: Maddren (1918), p. 399-400 | Au |
| 70. | Grubstake Creek: Capps (1912), p. 48; Maddren (1918), p. 399-400; Joesting (1942), p. 27, 39 | Au, Hg, W |
| 71. | Gold King Creek: Maddren (1918), p. 400-401; Joesting (1942), p. 39 | Au, W |
| 72. | Bonnifield Creek: Smith (1937), p. 46 | Au |
| 73. | Caribou Creek: Capps (1912), p. 52 | Au |

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