DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OCCURRENCES OF ZINC MINERALS IN ALASKA

Compiled by
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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards
REFERENCE LIST

The following references give data, as of July 1, 1982, on localities where zinc minerals have been found in Alaska. References are keyed by number to locations shown on the accompanying map. An asterisk (*) preceding a locality name indicates recorded production.

In most instances the report(s) for each occurrence is a summary of data in older reports and was compiled since 1975. Most of the summary reports contain lists of the reports used in this compilation. Citations are in standard bibliographic format with the exception that each contains, in parentheses, an abbreviation for the report or map series and the number of the report or map. Abbreviations used are: AOF, State of Alaska Division of Geological and Geophysical Surveys Open-File Report; BMOF, U.S. Bureau of Mines Open-File Report; C, U.S. Geological Survey Circular; GR, State of Alaska Division of Mines and Geology Geologic Report; MF, U.S. Geological Survey Miscellaneous Field Studies Map; OF, U.S. Geological Survey Open-File Report.
7. Whoopie Creek: Ellersieck and others, 1982 (C 844), p. 35-38
10. Occasional: Grybeck, 1977 (OF 77-223), areas A, B
11. Occasional: Grybeck, 1977 (OF 77-166C), p. 32, loc. 2
26. Unnamed occurrence: idem, loc. 55
27. Picnic Creek: Grybeck, 1977 (OF 77-166C), p. 21, loc. 11
29. Unnamed occurrence: Grybeck and Nelson, 1981 (OF 81-1176-F), loc. 30
30. Arrigetch Creek: Grybeck and Nelson, 1981 (OF 81-1176-F), loc. 33
31. Unnamed occurrence: idem, p. 34
34. Unnamed occurrences: Dillon and others, 1981 (AOF 133B), samples 220, 225
35. Unnamed occurrences: Dillon and others, 1981 (AOF 133B), samples 55, 57, 225
37. Unnamed occurrence: Dillon and others, 1981 (AOF 133B), sample 237
38. Unnamed occurrences: Dillon and others, 1981 (AOF 133B), samples 244, 245, 348
39. Unnamed occurrences: Dillon and others, 1981 (AOF 133B), samples 50, 51, 88
40. Unnamed occurrence: Dillon and others, 1981 (AOF 133B), sample 478
41. Unnamed occurrences: Dillon and others, 1981 (AOF 133B), samples 52, 467-469
44. Unnamed occurrence: De Young, 1978 (MF-878-B), loc. 86
45. Jim-Montana: De Young, 1978 (MF-878-B), loc. 34
Mowgli: idem, loc. 48
46. Bob: De Young, 1978 (MF-878-B), loc. 10
Gayle: idem, loc. 25
47. Big Creek: Cobb, 1976a (OF 76-340), p. 6-8
Little Squaw: Chipp, 1970 (GR 42), p. 20-21
Mikado: Cobb, 1979a (OF 76-340), p. 48
48. Trout Creek: Eberlein and others, 1977 (OF 77-168D), p. 8
49. Coleen River: Barker, 1981a (BMOF 27-81), p. 121
Brooks Mountain: idem, p. A5
Lost River area: idem, p. A14-A15
Rapid River: idem, p. A17
Galena: Cobb, 1978a (OF 78-93), p. 68
Quarry: idem, p. 138-139
56. Aurora Creek: Cobb, 1978a (OF 78-93), p. 13
Christophosen: idem, p. 38
Oregon Creek: idem, p. 129
57. Unnamed occurrence: Cobb, 1978a (OF 78-93), p. 194
Thompson: idem, p. 171
60. Fish River: Cobb, 1981e (OF 81-504A), p. A27
Hannum Creek: idem, p. A11
64. Bear Creek: Cobb, 1976d (OF 76-866), p. 7-9
Peace River: idem, p. 44-45
Rainbow: idem, p. A29
Chechako No. 1: idem, p. A6-A7
Cleary Hill: idem, p. A7-A8
Hi-Yu: idem, p. A17
Homestake: idem, p. A17
McCarty (Henry Ford): idem, p. A22
Newsboy: idem, p. A24-A25
Pioneer: idem, p. A28
Unnamed occurrence: idem, p. A40
71. My Creek: Cobb, 1977 (OF 77-845), p. 73
73. Unnamed occurrence: Cobb, 1980b (OF 80-909), p. 64
74. Unnamed occurrence: Cobb, 1980b (OF 80-909), p. 65
76. Beaver Mountains: Bundtzen and Laird, 1980 (AOF 134), p. 24, loc. 54
Ozna Creek tributary: idem, p. A21
Sheep Creek: idem, p. A21
Sheep Creek, Rat Fork: idem, p. A22
80. Smith Lake: Bundtzen and others, 1982 (AOF 149), p. 22, loc. 8
82. Shellabarger Pass: Cobb and Reed, 1980 (OF 80-884), p. 62
83. Hogback: Cobb and Reed, 1980 (OF 80-884), p. 34
Mespelt: idem, p. 44
84. Greenback: Cobb, 1980a (OF 80-363), p. 46
Magnet: idem, p. 64
Old Sourdough: idem, p. 80
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Mount Eielson: idem, p. 72-74
Thorofare Creek: idem, p. 107
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Bosart: idem, p. 11
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Golden Eagle: idem, p. 44
Gold King: idem, p. 45
Keystone: idem, p. 53
Little Annie: idem, p. 55-57
Lucky Strike: idem, p. 63
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North Star (Friday Creek): idem, p. 78
Pennsylvania: idem, p. 81
Red Top: idem, p. 87-88
Silver Pick: idem, p. 90-91
Weiler: idem, p. 112
Unnamed occurrences: idem, p. 136, 137, 139
Glen: idem, p. 38
Humboldt: idem, p. 51
Lena: idem, p. 54
Lloyd: idem, p. 61
McGonogill: idem, p. 67
North Star (Spruce Creek): idem, p. 79
Unnamed occurrences: idem, p. 121, 128
92. Treasure Creek: Cobb and Csejtey, 1980 (OF 80-716), p. 35
97. Unnamed occurrence: Cobb, 1978d (OF 78-1062), p. 34
98. West Fork Glacier: Cobb, 1978d (OF 78-1062), p. 84
100. Green Wonder: Cobb, 1979a (OF 79-238), p. 32
101. Gunn Creek: Cobb, 1979a (OF 79-238), p. 33
103. Silver Creek: idem, p. 23-24
111. Eureka Creek: Cobb and Richter, 1980 (OF 80-927), p. 28. Note: May be across boundary in Yukon Territory
112. Fairplay: Cobb and Eberlein, 1980 (OF 80-1086), p. 46
113. Pitka Canyon: Cobb and Eberlein, 1980 (OF 80-1086), p. 54
114. Big Creek: Cobb and Eberlein, 1980 (OF 80-1086), p. 43
128. Styx River: idem, p. A15
129. Unnamed occurrences: Cobb, 1979g (OF 80-86), p. 25; Cobb and Reed,

130. Rock: Cobb, 1979h (OF 80-87), p. 32
131. Port Dick: Cobb, 1979h (OF 80-87), p. 27
132. Glass & Heifner: Cobb, 1979h (OF 80-87), p. 15
133. Hatcher: idem, p. 34
134. Sonny Fox: idem, p. 38-39
139. Jim Creek: Cobb, 1979d (OF 79-1095), p. 68
141. Agostino: Cobb, 1979d (OF 79-1095), p. 5-6
142. Sawmill Creek: Cobb and Tysdal, 1980 (OF 80-621), p. 201
146. Mile Seven: Cobb and Tysdal, 1980 (OF 80-621), p. 157
147. Mile Four: Cobb and Tysdal, 1980 (OF 80-621), p. 156
148. Northern Light: idem, p. 171
151. Banner: Cobb and Tysdal, 1980 (OF 80-621), p. 28
152. Granite: idem, p. 95
152. Black & Hogan: Cobb, 1979d (OF 79-1095), p. 17
Walters, Brasslin & Atkinson: idem, p. 156
Seattle-Alaska Copper Co.: idem, p. 19
Reynolds Alaska Development Co.: idem, p. 196
159. Copper Bay: Cobb and Tysdal, 1980 (OF 80-621), p. 62
Happy Jack Mining & Development Co.: idem, p. 100
Home Camp: idem, p. 107
Millie: idem, p. 158
Snug Harbor: idem, p. 222
Knights Island Alaska Copper Co.: idem, p. 130
Pandora: idem, p. 176
South Marsha Bay: idem, p. 225
Unnamed prospect: idem, p. 255
Knights Island Mining & Development Co.: idem, p. 132
162. Cedar Bay: Cobb and Tysdal, 1980 (OF 80-621), p. 52
Ellamar: idem, p. 19-22
165. Alaska Commercial Co.: Cobb, 1979c (OF 79-973), p. 5-6
Banzer: idem, p. 7
Falck: idem, p. 23
Galena Bay: idem, p. 27-28
Hemple: idem, p. 32-33
Hoodoo: idem, p. 34
Landlocked Bay Copper Mining Co.: idem, p. 37-39
McNaughton & Turner: idem, p. 42
Mogul: idem, p. 43
Standard Copper Mines Co.: idem, p. 53-54
Threeman: idem, p. 58-60
166. Dickey Copper Co. (Mason & Gleason): Cobb, 1979c (OF 79-973), p. 17-18
Schlosser (Fidalgo-Alaska): idem, p. 51-52
167. Mayfield: Cobb, 1979e (OF 79-1241), p. 79
168. Cameron-Johnson: Cobb, 1979e (OF 79-1241), p. 27
Gold King: idem, p. 55
Olson: idem, p. 100
169. Alice: Cobb, 1979e (OF 79-1241), p. 9
Bunker Hill: idem, p. 25
Cliff: idem, p. 30-32
Cube: idem, p. 34
Guthrie & Belloli: idem, p. 57
Owl: idem, p. 104
Seacoast: idem, p. 122
Sealy-Davis: idem, p. 123
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Big Four (Mineral Creek): idem, p. 17
45: idem, p. 69
Hercules: idem, p. 60
July: idem, p. 69
Little Giant: idem, p. 73
Mountain King: idem, p. 92

174. Wirtmanns Glacier: Winkler and others, 1981 (OF 80-892-B), loc. 78
175. Tsina Glacier: Winkler and others, 1981 (OF 80-892-B), loc. 79
177. Willow Mountain: Cobb, 1979e (OF 79-1241), p. 150
178. Uranatina River: Winkler and others, 1981 (OF 80-892-B), loc. 80
182. Silver Star: Cobb and MacKevett, 1980 (OF 80-885), p. 79

Unnamed occurrence: idem, p. 140
188. Womens Bay (Shakmanof Cove): Cobb, 1979b (OF 79-860), p. 31
190. Unnamed occurrence: Tripp and Detra, 1980 (MF-1053-I)

Unnamed occurrences: Tripp and Detra, 1980 (MF-1053-I)
193. Cape Kuyuyukak: Tripp and Detra, 1980 (MF-1053-I)
Sitka: idem, p. 48
LeRoy: idem, p. A8
Ptarmigan Creek: idem, p. A12
Rainbow: idem, p. A12-A13
Rambler: idem, p. A13
Saksia Glacier: idem, p. A7
211. Fremming: Berg and others, 1981 (OF 81-122), p. 45
Jualin: idem, p. 44
Bessie: idem, p. 47
Cascade: idem, p. 48
E Pluribus Unum: idem, p. 48
213. Windfall Creek: Berg and others, 1981 (OF 81-122), p. 50
Wagner: idem, p. 51
Alaska-Juneau dump: idem, p. 20
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Mansfield Gold Mining Co.: idem, p. 56
Mammoth: idem, p. 58
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224. Congress: Still and Weir, 1981 (BMOF 80-81), table 8, loc. 8
Triplet Island: idem, table 8, loc. 10
Jumbo: idem, p. 103
Lake Anna: idem, p. 105
Little Island: Still and Weir, 1981 (BMOF 80-81), table 7, loc. 48
Lucky Shot: Berg and others, 1981 (OF 81-122), p. 104
228. Limestone Inlet: Berg and others, 1981 (OF 81-122), p. 126
Tracy Arm: idem, p. 121
    Portland: idem, p. 123
    Sumdum Chief: idem, p. 123
    Sulphide: idem, p. 124
    Windham Bay: idem, p. 124
    Keku Islet, metals: idem, p. 93
238. Port Malmsebury: Berg and others, 1981 (OF 81-122), p. 95
239. Point St. Albans: Berg and others, 1981 (OF 81-122), p. 90
    "Halobia locality": idem, p. 91
244. Hattie: Berg and others, 1981 (OF 81-122), p. 88
    Helen S.: idem, p. 87
    Maid of Mexico: idem, p. 87
    "Hydropit": idem, p. 92
    "Lost Zarembo": idem, p. 92
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    Flagstaff: idem, p. 17
    Puyallup: idem, p. 15
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    Unnamed occurrence: idem, p. 16
    Jumbo: idem, p. 27
    Unnamed occurrence: idem, p. 25
252. Copper City: Berg and others, 1981 (OF 81-122), p. 29
    Stumble-On: idem, p. 26
    Moonshine: idem, p. 28
    Research: idem, p. 28
    Lucky Boy: idem, p. 29
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    Westlake: idem, p. 33
   Copper King: idem, p. 1
   Glacier Basin: idem, p. 89
   Groundhog Basin: idem, p. 88
   *Lake: idem, p. 88
263. Rainy Day: Cobb and Elliott, 1980 (OF 80-1053), p. 89
   *Heckla: idem, p. 3
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   *Homestake: idem, p. 7
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   Virginia: idem, p. 10
   Western: idem, p. 10
REFERENCES CITED


1981f, Summaries of data on and lists of references to metallic and
selected nonmetallic mineral occurrences in the Wiseman quadrangle, Alaska,
Supplement to Open-File Report 76-340; Part A -- Summaries of data to
A21.

1981g, Summaries of data on and lists of references to metallic and selected
nonmetallic mineral occurrences in the Livengood quadrangle, Alaska,
Supplement to Open-File Report 76-819; Part A -- Summaries of data to August

Cobb, E. H., and Csejtey, Béla, Jr., 1980, Summaries of data on and lists of
references to metallic and selected nonmetallic mineral deposits in the

Cobb, E. H., and Eberlein, G. D., 1980, Summaries of data on and lists of
references to metallic and selected nonmetallic mineral deposits in the Big
Report 80-1086, 76 p.

Cobb, E. H., and Elliott, R. L., 1980, Summaries of data on and lists of
references to metallic and selected nonmetallic mineral deposits in the

Cobb, E. H., and MacKevett, E. M., Jr., 1980, Summaries of data on and lists of
references to metallic and selected nonmetallic mineral deposits in the
McCarthy quadrangle, Alaska: U.S. Geological Survey Open-File Report 80-
885, 156 p.

Cobb, E. H., and Mayfield, C. F., 1981, Summaries of data on and lists of
references to metallic and selected nonmetallic mineral occurrences in the
Ambler River quadrangle, Alaska, Supplement to Open-File Report 75-628; Part

Cobb, E. H., Mayfield, C. F., and Brosgé W. P., 1981, Summaries of data on and
lists of references to metallic and selected nonmetallic mineral occurrences in
eleven quadrangles in northern Alaska, Supplement to Open-File Report 75-
628; Part A -- Summaries of data to January 1, 1981: U.S. Geological Survey

Cobb, E. H., and Miller, T. P., 1981, Summaries of data on and lists of
references to metallic and selected nonmetallic mineral occurrences in the
Hughes, Kotzebue, Melozitna, Selawik, and Shungnak quadrangles, west-central
Alaska, Supplement to Open-File Report 75-627; Part A -- Summaries of data
A14.

Cobb, E. H., and Reed, B. L., 1980, Summaries of data on and lists of references
to metallic and selected nonmetallic mineral deposits in the Talkeetna


