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no. 63

DEPARTMENT OF THE INTERIOR  
UNITED STATES GEOLOGICAL SURVEY



TO ACCOMPANY MAP MR-63

MAPS IN MAP DRAWER

## NICKEL OCCURRENCES IN ALASKA

By Edward H. Cobb

### REFERENCE LIST

The following references give data on localities that are keyed by number to locations shown on the map. The reference(s) shown for each occurrence is the most complete or most recent available as of September 30, 1973.

#### *Nickel minerals reported*

1. Jade Hills: Anderson, 1945, p. 24
2. Lillian Creek: Joesting, 1942, p. 18  
Parker: Foster and Chapman, 1967, table 1
3. Nickel Creek: Joesting, 1942, p. 18
4. Eagle Bluff: Wedow, 1954, p. 3
5. Unnamed occurrence: Reed and Elliott, 1968, p. 3
6. Bee Mining Co.: Rose, 1965, p. 25-26, 32-33  
Glacier Lake: Rose, 1965, p. 25, 32-33  
Rainbow Mountain (Emerick): Rose, 1965, p. 21-24, 32-33, 46
7. Spirit Mountain: Kingston and Miller, 1945; Herreid, 1970
8. Mount Fairweather: Plafker and MacKevett, 1970, p. B25
9. Brady Glacier: Cornwall, 1971
10. Bohemia Basin: Kennedy and Walton, 1946, p. 41-56
11. Funter Bay: Barker, 1963
12. Mirror Harbor: Kennedy and Walton, 1946, p. 56-63
13. Big Ledge: Buddington, 1925, p. 108
14. Kloss: Herbert and Race, 1964, p. 13
15. Haley & Hanlon: Kennedy and Walton, 1946, p. 63-64
16. Snipe Bay: Reed and Gates, 1942
17. Blashke Islands: Walton, 1951, p. 106
18. Duke Island: Irvine, 1959, p. 82

*No nickel mineral reported; analysis or assay 5000 parts per million (0.5 percent) or more nickel*

101. Fritts, 1969, table 1, samples 1, 4
102. Herreid, 1969, table 4, sample -130
103. Herreid, 1969, table 4, sample L-132
104. Foster, 1969, table 1, samples 1, 3
105. Foster, 1971b, table 2, samples BAK138, BAK232
106. Foster, 1971b, table 2, samples BAK128, BAK185, BAK188, BAK189, BAK229
107. Clark and Foster, 1969, table 2, samples 1A, 10A, 30A

108. Foster, 1970, table 2, samples AKB717, AKB719
109. Foster, 1971b, table 2, sample BAK120
110. Foster, 1971a, table 2, sample BAK609
111. Clark and Foster, 1969, table 2, sample 141A
112. Clark and Foster, 1969, table 2, samples 156A, 157A
113. Foster, 1971a, table 2, sample BAK017
114. Foster, 1971a, table 2, samples BAK101, BAK102
115. Foster, 1971a, table 2, sample BAK099
116. Hawley and others, 1969, table 1, sample 9
117. Hawley and others, 1969, table 1, samples 17, 18
118. Rose, 1965, p. 28, locality 8; p. 29, locality 13

### REFERENCES CITED

- Anderson, Eskil, 1945, Asbestos and jade occurrences in the Kobuk River region, Alaska: Alaska Dept. Mines Pamph. 3-R, 26 p.
- Barker, Fred, 1963, The Funter Bay nickel-copper deposit, Admiralty Island, Alaska: U.S. Geol. Survey Bull. 1155, p. 1-10.
- Buddington, A. F., 1925, Mineral investigations in south-eastern Alaska: U.S. Geol. Survey Bull. 773, p. 71-139.
- Clark, S. H. B., and Foster, H. L., 1969, Analyses of stream-sediment, rock and soil samples from a part of the Seventymile River area, Eagle quadrangle, Alaska: U.S. Geol. Survey open-file report, 129 p.
- Cornwall, H. R., 1971, Brady Glacier prospect, in MacKevett, E. M., Jr., and others, Mineral resources of Glacier Bay National Monument, Alaska: U.S. Geol. Survey Prof. Paper 632, p. 79-82.
- Foster, H. L., 1970, Analyses of stream-sediment and rock samples from the southwestern and central parts of the Eagle quadrangle, Alaska: U.S. Geol. Survey open-file report, 64 p.
- \_\_\_\_\_, 1971a, Analyses of stream-sediment and rock samples from the eastern part of the Eagle quadrangle, east-central Alaska: U.S. Geol. Survey open-file report, 54 p.
- \_\_\_\_\_, 1971b, Analyses of stream-sediment and rock samples from the northwestern part of the Eagle quadrangle, east-central Alaska: U.S. Geol. Survey open-file report, 72 p.
- Foster, R. L., 1969, Nickeliferous serpentinite near Beaver Creek, east-central Alaska: U.S. Geol. Survey Circ. 615, p. 2-4.



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- Foster, R. L., and Chapman, R. M., 1967, Locations and descriptions of lode prospects in the Livengood area, east-central Alaska: U.S. Geol. Survey open-file report, unpagged.
- Fritts, C. E., 1969, Geology and geochemistry in the southeastern part of the Cosmos Hills, Shungnak D-2 quadrangle, Alaska: Alaska Div. Mines and Geology Geol. Rept. 37, 35 p.
- Hawley, C. C., Clark, A. L., Herdrick, M. A., and Clark, S. H. B., 1969, Results of geological and geochemical investigations in an area northwest of the Chulitna River, central Alaska Range: U.S. Geol. Survey Circ. 617, 19 p.
- Herbert, C. F., and Race, W. H., 1964, Geochemical investigations of selected areas in southeastern Alaska: Alaska Div. Mines and Minerals Geochem. Rept. 1, 27 p.
- Herreid, Gordon, 1969, Geology and geochemistry of the Sithylemenkat Lake area, Bettles quadrangle, Alaska: Alaska Div. Mines and Geology Geol. Rept. 35, 22 p.
- \_\_\_\_\_, 1970, Geology of the Spirit Mountain nickel-copper prospect and surrounding area: Alaska Div. Mines and Geology Geol. Rept. 40, 19 p.
- Irvine, T. N., 1959, The ultramafic complex and related rocks of Duke Island, southeastern Alaska: California Inst. Technology, Pasadena, Ph.D. thesis, 320 p.
- Joesting, H. R., 1942, Strategic mineral occurrences in interior Alaska: Alaska Dept. Mines Pamph. 1, 46 p.
- Kennedy, G. C., and Walton, M. S., Jr., 1946, Nickel investigations in southeastern Alaska: U.S. Geol. Survey Bull. 947-C, p. 39-64.
- Kingston, Jack, and Miller, D. J., 1945, Nickel-copper prospect near Spirit Mountain, Copper River region, Alaska: U.S. Geol. Survey Bull. 943-C, p. 49-57.
- Plafker, George, and MacKevett, E. M., Jr., 1970, Mafic and ultramafic rocks from a layered pluton at Mount Fairweather, Alaska: U.S. Geol. Survey Prof. Paper 700-B, p. B21-B26.
- Reed, B. L., and Elliott, R. L., 1968, Results of stream sediment sampling in parts of the southern Alaska Range: U.S. Geol. Survey open-file report, 42 p.
- Reed, J. C., and Gates, G. O., 1942, Nickel-copper deposits at Snipe Bay, Baranof Island, Alaska: U.S. Geol. Survey Bull. 936-M, p. 321-330.
- Rose, A. W., 1965, Geology and mineral deposits of the Rainy Creek area, Mt. Hayes quadrangle, Alaska: Alaska Div. Mines and Minerals Geol. Rept. 14, 51 p.
- Walton, M. S., Jr., 1951, The Blashke Island ultrabasic complex with notes on related areas in southeastern Alaska: U.S. Geol. Survey open-file report, 266 p.
- Wedow, Helmuth, Jr., 1954, Reconnaissance of radioactive deposits in the Eagle-Nation area, east-central Alaska, 1948: U.S. Geol. Survey Circ. 316, 9 p.