



CHROMITE 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 recent available as of September 30, 1973. An asterisk (*) preceding a locality name indicates recorded production.

1. Dahl Creek: Fritts, 1970, p. 56
2. Anikovich River: Mulligan, 1959, p. 15
3. Cape Nome: White and others, 1953, p. 7
4. Dime Creek: Anderson, 1947, p. 18
5. Peace River: Gault and others, 1953, p. 30
6. American Creek: Mertie, 1934, p. 214; Waters, 1934, p. 241
Boulder Creek: Berg and Cobb, 1967, p. 223
7. Cache Creek: Wayland, 1961, p. 375
Deep Creek: Wayland, 1961, p. 374, 391-392
Sullivan Creek: Wayland, 1961, p. 378
Tofty Gulch: Wayland, 1961, p. 374
8. Little Minook Creek: Mertie, 1934, p. 182
9. Amy Creek: Overbeck, 1920, p. 184
Goodluck (Lucky) Creek: Joesting, 1942, p. 17;
Wedow and others, 1954, p. 3
Lillian Creek: Overbeck, 1920, p. 183
Livengood Creek: Overbeck, 1920, p. 183
Lucille Creek: Joesting, 1942, p. 17
Olive Creek: Overbeck, 1920, p. 183
Parker: Foster and Chapman, 1967, table 1
Ruth Creek: Overbeck, 1920, p. 183; Foster and Chapman, 1967, table 1
10. Unnamed occurrence: Foster, 1969, p. 4
11. Salcha River: Joesting, 1942, p. 16
12. Wolf Creek: Cobb, 1973, p. 126
13. Chicken Creek: Maloney, 1962, p. 21
Happy Creek: Maloney, 1962, p. 21-22
14. Granite Creek: Cobb, 1973, p. 148
Malamute Pup: Maloney, 1962, p. 21
Otter Creek: Maloney, 1962, p. 21
15. Moore Creek: Cobb, 1973, p. 52
16. Unnamed occurrence: Hawley and others, 1969, p. 6, 8
17. Landslide Creek: Rose, 1966b, p. 20
18. Rainy Creek: Rose, 1966b, p. 33
19. Gunn Creek: Rose and Saunders, 1965, p. 15
20. Chistochina River, Middle Fork: Moffit, 1944, p. 37
21. Gillett Pass: Richter, 1967, p. 18
22. Mount Eklutna: Rose, 1966a, p. 11
23. Highway: Bjorklund and Wright, 1948
Pioneer Creek: Bjorklund and Wright, 1948
Thunderbird Creek: Rose, 1966a, p. 11
West Twin Peak: Rose, 1966a, p. 11-12
24. Unnamed occurrence: Clark, 1972, p. 5
25. Bernard Mountain: Berg and Cobb, 1967, p. 49, 52
26. Dust Mountain: Berg and Cobb, 1967, p. 49, 52
27. Goodnews Bay: Berryhill, 1963, p. 15
28. Platinum-Salmon River beach: Berryhill, 1963, p. 15
29. Platinum-Salmon River beach: Berryhill, 1963, p. 15
Red Mountain: Berryhill, 1963, p. 15
Salmon River and tributaries: Mertie, 1969, p. 86-87
30. Chagvan Bay: Berryhill, 1963, p. 15
31. Hagemeister Strait: Berryhill, 1963, p. 17
32. Kodiak Island, west coast beaches: Maddren, 1919, p. 316
33. *Claim Point: Guild, 1942, p. 139-141, 144-162;
Sanford and Cole, 1949
34. *Red Mountain: Guild, 1942, p. 140-141, 144-156,
163-175; Rutledge, 1946
35. Yakataga beach: Thomas and Berryhill, 1962, p. 19
36. Yakataga beach: Thomas and Berryhill, 1962, p. 19
37. Icy Bay: Thomas and Berryhill, 1962, p. 21
38. Akwe beach: Thomas and Berryhill, 1962, p. 30
39. Mount Fairweather: Plafker and MacKevett, 1970, p. B25
40. Blue Lake: Loney and others, 1963, sample 24
Unnamed occurrence: Loney and others, 1963, sample 32
41. Hill: Guild and Balsley, 1942, p. 179-180
42. Red Bluff Bay: Guild and Balsley, 1942, p. 178-187
43. Blashke Islands: Walton, 1951, p. 102-104
44. Union Bay (Mount Burnett): Kennedy and Walton, 1946, p. 83
45. Yellow Hill: Berg, 1972, locality 22
46. Duke Island: Irvine, 1959, p. 57-58, 182-183

REFERENCES CITED

- Anderson, Eskil, 1947, Mineral occurrences other than gold deposits in northwestern Alaska: Alaska Dept. Mines Pamph. 5-R, 48 p.
- Berg, H. C., 1972, Geologic map of Annette Island, Alaska: U.S. Geol. Survey Misc. Geol. Inv. Map I-684.



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- Berg, H. C., and Cobb, E. H., 1967, Metalliferous lode deposits of Alaska: U.S. Geol. Survey Bull. 1246, 254 p.
- Berryhill, R. V., 1963, Reconnaissance of beach sands, Bristol Bay, Alaska: U.S. Bur. Mines Rept. Inv. 6214, 48 p.
- Bjorklund, Stuart, and Wright, W. S., 1948, Investigation of Knik Valley chromite deposits, Palmer, Alaska: U. S. Bur. Mines Rept. Inv. 4356, 5 p.
- Clark, S. H. B., 1972, The Wolverine complex, a newly discovered layered ultramafic body in the western Chugach Mountains, Alaska: U.S. Geol. Survey open-file report, 10 p.
- Cobb, E. H., 1973, Placer deposits of Alaska: U.S. Geol. Survey Bull. 1374, 213 p.
- Foster, R. L., 1969, Nickeliferous serpentinite near Beaver Creek, east-central Alaska: U.S. Geol. Survey Circ. 615, p. 2-4.
- 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, unpag.
- Fritts, C. E., 1970, Geology and geochemistry of the Cosmos Hills, Ambler River and Shungnak quadrangles, Alaska: Alaska Div. Mines and Geology Geol. Rept. 39, 69 p.
- Gault, H. R., Killeen, P. L., West, W. S., and others, 1953, Reconnaissance for radioactive deposits in the northeastern part of the Seward Peninsula, Alaska, 1945-47 and 1951: U.S. Geol. Survey Circ. 250, 31 p.
- Guild, P. W., 1942, Chromite deposits of Kenai Peninsula, Alaska: U.S. Geol. Survey Bull. 931-G, p. 139-175.
- Guild, P. W., and Balsley, J. R., Jr., 1942, Chromite deposits of Red Bluff Bay and vicinity, Baranof Island, Alaska: U.S. Geol. Survey Bull. 936-G, p. 171-187.
- 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.
- 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, Geology and associated mineral deposits of some ultrabasic rock bodies in southeastern Alaska: U.S. Geol. Survey Bull. 947-D, p. 65-84.
- Loney, R. A., Berg, H. C., Pomeroy, J. S., and Brew, D. A., 1963, Reconnaissance geologic map of Chichagof Island and northwestern Baranof Island, Alaska: U.S. Geol. Survey Misc. Geol. Inv. Map I-388.
- Maddren, A. G., 1919, The beach placers of the west coast of Kodiak Island: U.S. Geol. Survey Bull. 692, p. 299-319.
- Maloney, R. P., 1962, Investigation of mercury-antimony deposits near Flat, Yukon River region, Alaska: U.S. Bur. Mines Rept. Inv. 5991, 44 p.
- Mertie, J. B., Jr., 1934, Mineral deposits of the Rampart and Hot Springs districts, Alaska: U.S. Geol. Survey Bull. 844-D, p. 163-226.
- _____, 1969, Economic geology of the platinum minerals: U.S. Geol. Survey Prof. Paper 630, 120 p.
- Moffit, F. H., 1944, Mining in the northern Copper River region, Alaska: U.S. Geol. Survey Bull. 943-B, p. 25-47.
- Mulligan, J. J., 1959, Sampling stream gravels for tin near York, Seward Peninsula, Alaska: U.S. Bur. Mines Rept. Inv. 5520, 25 p.
- Overbeck, R. M., 1920, Placer mining in the Tolovana district: U.S. Geol. Survey Bull. 712, p. 177-184.
- Plafker, George, and MacKevett, E. M., Jr., 1970, Mafic and ultramafic rocks from a layered pluton at Mount Fairweather, Alaska, in Geological Survey research 1970: U.S. Geol. Survey Prof. Paper 700-B, p. B21-B26.
- Richter, D. H., 1967, Geology of the upper Slana-Mentasta Pass area, southcentral Alaska: Alaska Div. Mines and Minerals Geol. Rept. 30, 25 p.
- Rose, A. W., 1966a, Geology of chromite-bearing ultramafic rocks near Eklutna, Anchorage quadrangle, Alaska: Alaska Div. Mines and Minerals Geol. Rept. 18, 20 p.
- _____, 1966b, Geological and geochemical investigations in the Eureka Creek and Rainy Creek areas, Mt. Hayes quadrangle, Alaska: Alaska Div. Mines and Minerals Geol. Rept. 20, 37 p.
- Rose, A. W., and Saunders, R. H., 1965, Geology and geochemical investigations near Paxson, northern Copper River Basin, Alaska: Alaska Div. Mines and Minerals Geol. Rept. 13, 35 p.
- Rutledge, F. A., 1946, Exploration of Red Mountain chromite deposits, Kenai Peninsula, Alaska: U.S. Bur. Mines Rept. Inv. 3885, 26 p.
- Sanford, R. S., and Cole, J. W., 1949, Investigation of Claim Point chromite deposits, Kenai Peninsula, Alaska: U.S. Bur. Mines Rept. Inv. 4419, 11 p.
- Thomas, B. I., and Berryhill, R. V., 1962, Reconnaissance studies of Alaskan beach sands, eastern Gulf of Alaska: U.S. Bur. Mines Rept. Inv. 5986, 40 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.
- Waters, A. E., Jr., 1934, Placer concentrates of the Rampart and Hot Springs districts: U.S. Geol. Survey Bull. 844-D, p. 227-246.
- Wayland, R. G., 1961, Tofty tin belt, Manley Hot Springs district, Alaska: U.S. Geol. Survey Bull. 1058-I, p. 363-414.
- Wedow, Helmuth, Jr., White, M. G., and others, 1954, Reconnaissance for radioactive deposits in east-central Alaska, 1949: U.S. Geol. Survey Circ. 335, 22 p.
- White, M. G., West, W. S., and Matzko, J. J., 1953, Reconnaissance for radioactive deposits in the vicinity of Teller and Cape Nome, Seward Peninsula, Alaska, 1946-47: U.S. Geol. Survey Circ. 244, 8 p.