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URANIUM, THORIUM, AND RARE-EARTH ELEMENTS IN ALASKA

By Edward H. Cobb

*map in
map drawer*

REFERENCE LIST

The following references give data on localities and 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 August 15, 1969. (FM) following a reference indicates that a mineral (other than monazite) that contains uranium, thorium, or both elements has been identified or that uranium has been determined by chemical analysis. (Mz) following a reference indicates that the mineral monazite has been identified. (RE) following a reference indicates that a mineral (other than monazite) that contains one or more of the rare-earth elements has been identified or that a rare-earth element has been determined by spectrographic analysis. The atomic numbers, chemical symbols, and names of the rare-earth elements are: 57, La, lanthanum; 58, Ce, cerium; 59, Pr, praseodymium; 60, Nd, neodymium; 61, Pm, promethium; 62, Sm, samarium; 63, Eu, europium; 64, Gd, gadolinium; 65, Tb, terbium; 66, Dy, dysprosium; 67, Ho, holmium; 68, Er, erbium; 69, Tm, thulium; 70, Yb, ytterbium; 71, Lu, lutetium. 39, Y, yttrium is also considered as a rare-earth element in this compilation.

1. Okpilak River: White, 1952b, p. 4-5, 7. (FM), (RE)
2. Rye Creek: White, 1952b, p. 8-11, (Mz)
3. Gold Bench: Wedow and others, 1953, p. 3; Nelson, West, and Matzko, 1954, p. 18-19. (FM), (Mz)
4. Big Creek: Mertie, 1925, p. 260-261, 263. (Mz)
Big Squaw Creek: Nelson, West, and Matzko, 1954, p. 16-19. (FM), (Mz)
Little Squaw Creek: Nelson, West, and Matzko, 1954, p. 17-18. (Mz)
Tobin Creek: Nelson, West, and Matzko, 1954, p. 17-18. (Mz)
5. Rapid River tributary: White, 1952a, p. 8. (FM)
Sunagahun Creek: White, 1952a, p. 8-9 (FM)
6. Boulder Creek: Mulligan and Thorne, 1959, p. 47-66. (Mz), (RE)
7. Lost River: Sainsbury, 1964, p. 27. (RE)
8. Brooks Mountains: West and White, 1952 (FM), (Mz), (RE)
9. Ear Mountain Killeen and Ordway, 1955, p. 86-92. (FM), (Mz)
Eldorado Creek: Killeen and Ordway, 1955, p. 82. (FM), (Mz), (RE)
Pinnacle Creek: Killeen and Ordway, 1955, p. 82-83. (FM), (Mz)
Quartz Creek: Killeen and Ordway, 1955, p. 82. (Mz), (RE)
Tuttle Creek: Killeen and Ordway, 1955, p. 82. (FM), (Mz)
10. Gold Run: White, West, and Matzko, 1953, p. 3. (Mz)
11. Cape Nome: White, West, and Matzko, 1953, p. 5-8. (RE)
12. Hot Springs Creek: Moxham and West, 1953, p. 6-11. (FM), (RE)
13. Golovnin Bay: West, 1953, p. 4. (FM), (RE)
14. Kwiniuk River: West, 1953, p. 6. (RE)
15. Clear Creek: West, 1953, p. 6-7. (FM), (RE)
16. Candle Creek: Gault and others, 1953, p. 11-13. (FM)
17. Duck Creek: Gault and others, 1953, p. 26-27. (FM)
East Clem Creek: Gault and others, 1953, p. 26-27. (FM)
West Clem Creek: Gault and others, 1953, p. 26-27. (FM)
18. Muck Creek: Gault and others, 1953, p. 24-25, 27. (FM)
19. Meinzer Creek: Gault and others, 1953, p. 27. (FM)
Sugar Loaf Creek: Gault and others, 1953, p. 26-27. (FM)
20. Connolly Creek: Gault and others, 1953, p. 25, 27. (FM)
Spruce Creek: Gault and others, 1953, p. 25, 27. (FM)
21. Quartz Creek: Gault and others, 1953, p. 15-20. (FM), (RE)
22. Cub Creek: Gault and others, 1953, p. 18-19, 24-25. (FM)
Peace River: Gault and others, 1953, p. 24-26. (FM)
23. Sweepstakes Creek: Gault and others, 1953, p. 3-9, 21-22. (FM)
24. Anzac Creek: Gault and others, 1953, p. 5-6, 9, 25. (FM)
Rock Creek: Gault and others, 1953, p. 24. (FM)
25. Solomon Creek: White and Stevens, 1953, p. 1, 9. (FM), (RE)
26. Flint Creek: White and Stevens, 1953, p. 4-9. (RE)
27. Birch Creek: White and Stevens, 1953, p. 3-4, 7. (RE)
28. Boulder Creek: Moxham, 1954, p. 6. (Mz)
29. Cache Creek: Waters, 1934, p. 240. (RE)
Deep Creek, Hokeley Gulch, Innesvale Gulch: Wayland, 1961, p. 374. (Mz), (RE)
Idaho Gulch: Moxham, 1954, p. 5. (Mz), (RE)
Miller Gulch: Moxham, 1954, p. 5-6. (Mz), (RE)
Sullivan Creek: Waters, 1934, p. 239-240. (Mz), (RE)
Tofty Gulch: Moxham, 1954, p. 5-6. (Mz), (RE)
30. Karshner Creek: Waters, 1934, p. 242. (Mz)
31. Goodluck (Lucky) Creek: Wedow, White, and others, 1954, p. 2-3. (FM), (RE)
Ruth Creek: Wedow, Killeen, and others, 1954, p. 11. (Mz)
32. Nome Creek: Wedow, Killeen, and others, 1954, p. 8. (Mz)
33. Independence Creek: Nelson, West, and Matzko, 1954, p. 13-14. (FM), (RE)

34. Deadwood Creek: Nelson, West, and Matzko, 1954, p. 14. (FM)
 35. Hot Springs Creek: Wedow, White, and others, 1954, p. 5. (RE)
Ketchum Creek: Wedow, White, and others, 1954, p. 5. (RE)
Portage Creek: Nelson, West, and Matzko, 1954, p. 11-15. (FM), (Mz), (RE)
 36. Ben Creek: Wedow, White, and others, 1954, p. 20. (FM), (RE)
Ruby Creek: Wedow, White, and others, 1954, p. 20. (FM), (RE)
Slate Creek: Wedow, White, and others, 1954, p. 20. (FM), (RE)
 37. Fortymile River: Wedow, White, and others, 1954, p. 10-12, 20. (FM), (RE)
 38. Excelsior Creek: Wedow, 1954, p. 6. (Mz)
Mission Creek: Wedow, 1954, p. 7, 9. (Mz)
Wolf Creek: Wedow, 1954, p. 7, 9. (Mz)
 39. American Creek: Wedow, 1954, p. 7, 9. (Mz)
 40. Yukon River, opposite mouth of Tatonduk River: Wedow, 1954, p. 3-5. (FM)
 41. Calico Bluff: Wedow, 1954, p. 3-5. (FM)
Yukon River, between Sulphur Bend and mouth of Seventymile River: Wedow, 1954, p. 3-5. (FM)
 42. Konechney (Mission Creek): West, 1954, p. 5-7. (FM)
 43. Happy Creek: Maloney, 1962, p. 21-22. (Mz)
 44. Julian Creek: White and Killeen, 1953, p. 16, 18. (Mz)
 45. Eagle Creek: White and Stevens, 1953, p. 16, 18-19. (FM), (RE)
 46. Ruby Creek: White and Stevens, 1953, p. 12, 15-16, 19. (FM)
 47. Shirley Lake: Freeman, 1963, p. 29-30. (FM)
 48. Cache Creek: Robinson, Wedow, and Lyons, 1955, p. 2. (FM)
 49. Poorman Creek: Robinson, Wedow, and Lyons, 1955, p. 2. (FM)
 50. Kahiltna River: Bates and Wedow, 1953, p. 9. (FM), (Mz)
 51. Kahiltna River: Bates and Wedow, 1953, p. 8-9; Robinson, Wedow, and Lyons, 1955, p. 22. (FM), (Mz)
 52. Willow Creek area: Moxham and Nelson, 1952, p. 7-10. (FM), (RE)
 53. Ober Creek: Wedow, Killeen, and others, 1954, p. 18. (Mz)
 54. Skagway: Freeman, 1963, p. 30. (FM)
 55. Berg Mountain: Lathram, Loney, Condon, and Berg, 1959, sample 22. (RE)
 56. Sandy Cover: MacKevett, Brew, Hawley, Huff, and Smith, 1967, p. 114-117. (FM)
 57. William Henry Bay: Lathram, Loney, Condon, and Berg, 1959, sample 15; Matzko and Freeman, 1963, p. 44. (FM), (RE)
 58. Unnamed occurrence: Lathram, Pomeroy, Berg, and Loney, 1965, p. R44, samples 26, 27. (RE)
 59. Goddard Hot Springs: West and Benson, 1955, p. 47-49 (Mz), (RE)
 60. Pitcher Island: Houston, Bates, Velikanje, and Wedow, 1958, p. 6-23. (FM), (Mz), (RE)
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 61. Bokan Mountain: MacKevett, 1963, (FM), (RE)
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