

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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LIST OF GEOLOGIC MAPS IN ALASKA PUBLISHED BY THE U.S. GEOLOGICAL SURVEY,
POST-1930: SCALES 1:20,000 to 1:63,360 (THROUGH JUNE, 1980)

Compiled by S. Bartsch-Winkler

OPEN-FILE REPORT

80- 1251

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

Anchorage, Alaska

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This open-file report, in conjunction with open-file report 80-1252, is an index map showing areas in Alaska for which post-1930 geologic maps have been published at scales of 1:20,000 to 1:63,360. Areas for which only geophysical maps have been published are excluded. Each area outlined on the map is indicated by a number, which is keyed to the list of bibliographic citation(s) published for that area. The open-file report is updated annually.

List of geologic maps in Alaska published by the U.S. Geological Survey, post-1930: Scales 1:20,000 to 1:63,360 (through June, 1980).

1. Sable, E. G., 1965, Geology of the Romanzof Mountains, Brooks Range, northeastern Alaska: U.S. Geological Survey Professional Paper 897, 84 p. Scale 1:63,360.
2. Reiser, H. N., Dutro, J. T., Jr., Brosgé, W. P., Armstrong, A. K., and Detterman, R. L., 1970, Progress map, geology of the Sadlerochit and Shublik Mountains, Mt. Michelson C-1, C-2, C-3, and C-4 quadrangles, Alaska: U.S. Geological Survey open file map, 5 sheets. Scale 1:63,360.
3. Tailleux, I. L., Kent, B. H., Jr., and Reiser, H. N., 1966, Outcrop/geologic maps of the Nuka-Etiviluk Region, northern Alaska: U.S. Geological Survey open-file maps, 7 sheets. Scale 1:63,360.
4. Brosgé, W. P., Reiser, H. N., Dutro, J. T., Jr., and Churkin, Michael, Jr., 1966, Geologic map and stratigraphic sections, Porcupine River Canyon, Alaska: U.S. Geological Survey open-file report, 4 sheets. Scale 1:63,360.
5. Sainsbury, C. L., 1964, Geology of the Lost River Mine area, Alaska: U.S. Geological Survey Bulletin 1129, 80 p. Scale 1:63,360.
6. Sainsbury, C. L., 1969, Geology and ore deposits of the central York Mountains, western Seward Peninsula, Alaska: U.S. Geological Survey Bulletin 1287, 101 p. Scale 1:63,360.
- Sainsbury, C. L., 1969, Geologic map of the Teller B-4 and southern part of the Teller C-4 quadrangles, western Seward Peninsula, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-572, 1 sheet. Scale 1:63,360.
7. Hummel, C. L., 1962, Preliminary geologic map of the Nome C-1 quadrangle, Seward Peninsula, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-247, 1 sheet. Scale 1:63,360.
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8. Sainsbury, C. L., Hudson, Travis, Ewing, Rodney, and Marsh, W. R., 1972, Reconnaissance geologic maps of the Solomon D-5 and C-5 quadrangles, Seward Peninsula, Alaska: U.S. Geological Survey open-file report, 12 p. Scale 1:63,360.
- Sainsbury, C. L., Hudson, Travis, Ewing, Rodney, and Richards, Thomas, 1972, Reconnaissance geologic map of the Solomon D-6 quadrangle, Seward Peninsula, Alaska: U.S. Geological Survey open-file report, 17 p. Scale 1:63,360.

9. Sainsbury, C. L., Kachadoorian, Reuben, Hudson, Travis, Smith, T. E., Richards, T. R., and Todd, W. E., 1969, Reconnaissance geologic maps and sample data, Teller A-1, A-2, A-3, B-1, B-2, B-3, C-1, and Bendeleben A-6, B-6, C-6, D-5, D-6 quadrangles, Seward Peninsula, Alaska: U.S. Geological Survey open-file report, 49 p. Scale 1:63,360.
- Sainsbury, C. L., Hudson, Travis, Kachadoorian, Reuben, and Richards, Thomas, 1970, Geology, mineral deposits, and geochemical and radiometric anomalies, Serpentine Hot Springs area, Seward Peninsula, Alaska: U.S. Geological Survey Bulletin 1312h, p. h1-h19. Scale 1:63,360.
10. Sainsbury, C. L., 1965, Previously undescribed Middle(?) Ordovician, Devonian(?), and Cretaceous(?) rocks, White Mountain area, near McGrath, Alaska, in Geological Survey Research 1965: U.S. Geological Survey Professional Paper 525c, p. c91-c95. Scale 1:63,360.
11. Reed, J. C., 1933, The Mount Eielson District, Alaska: U.S. Geological Survey Bulletin 849d, p. 231-287. Scale 1:62,500.
12. White, D. E., 1942, Antimony deposits of the Stampede Creek area, Kantishna District, Alaska: U.S. Geological Survey Bulletin 936n, p. 331-348. Scale 1:31,680.
13. Wahrhaftig, Clyde, 1970, Geologic map of the Fairbanks A-2 quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-808, 1 sheet. Scale 1:63,360.
- Wahrhaftig, Clyde, 1970, Geologic map of the Fairbanks A-3 quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-809, 1 sheet. Scale 1:63,360.
- Wahrhaftig, Clyde, 1970, Geologic map of the Fairbanks A-4 quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-810, 1 sheet. Scale 1:63,360.
- Wahrhaftig, Clyde, 1970, Geologic map of the Fairbanks A-5 quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-811, 1 sheet. Scale 1:63,360.
- Wahrhaftig, Clyde, 1970, Geologic map of the Healy D-2 quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-804, 1 sheet. Scale 1:63,360.
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- Wahrhaftig, Clyde, 1970, Geologic map of the Healy D-5 quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-807, 1 sheet. Scale 1:63,360.
14. Coulter, H. W., and Coulter, E. B., 1961, Geology of the Valdez (A-5) quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-142, 1 sheet. Scale 1:63,360.
15. Holmes, G. W., and Pèwè, T. L., 1965, Geologic map of the Mount Hayes D-3 quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-366, 1 sheet. Scale 1:63,360.
- Pèwè, T. L., and Holmes, G. W., 1964, Geology of the Mt. Hayes D-4 quadrangle, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-394, 2 sheets. Scale 1:63,360.
- Holmes, G. W., and Foster, H. L., 1968, Geology of the Johnson River area, Alaska: U.S. Geological Survey Bulletin 1249, 49 p. Scale 1:63,360.
16. Brabb, E. E., and Churkin, Michael, Jr., 1965, Preliminary geologic map of the Eagle D-1 quadrangle, Alaska: U.S. Geological Survey open-file map, 2 sheets. Scale 1:63,360.
- Foster, H. L., and Keith, T. C., 1968, Preliminary geologic map of the Eagle B-1 and C-1 quadrangles, Alaska: U.S. Geological Survey open-file map, 1 sheet. Scale 1:63,360.
- Foster, H. L., 1969, Reconnaissance geology of the Eagle A-1 and A-2 quadrangles, Alaska: U.S. Geological Survey Bulletin 1271g, p. g1-g30. Scale 1:63,360.
17. Foster, H. L., 1967, Geology of the Mount Fairplay area, Alaska: U.S. Geological Survey Bulletin 1241b, p. b1-b18. Scale 1:63,360.
18. Richter, D. H., 1971, Reconnaissance geologic map and section of the Nabesna B-4 quadrangle, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-656, 1 sheet. Scale 1:63,360.
19. Richter, D. H., 1971, Reconnaissance geologic map and section of the Nabesna A-3 quadrangle, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-655, 1 sheet. Scale 1:63,360.
20. Grantz, Arthur, 1960, Geologic map of the Talkeetna Mountains (A-1) quadrangle and the south third of Talkeetna Mountains (B-1) quadrangle, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-314, 1 sheet. Scale 1:48,000.
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- Grantz, Arthur, 1961, Geologic map of the north two-thirds of Anchorage (D-1) quadrangle, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-343, 1 sheet. Scale 1:48,000.
- Grantz, Arthur, 1965, Geologic map and cross-sections of the Nelchina area, southcentral Alaska: U.S. Geological Survey open-file report, 4 sheets. Scale 1:63,360.
21. Dettmerman, R. L., Plafker, George, Tysdal, R. G., and Hudson, Travis, 1976, Geology and surface features along part of the Talkeetna segment of the Castle Mountain-Caribou Fault System, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-738. Scale 1:63,360.
22. Barnes, F. F., 1962, Geologic map of the Lower Matanuska Valley, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-359, 1 sheet. Scale 1:63,360.
23. Schmoll, H. R., Dobrovolsky, Ernest, 1972, Generalized geologic map of Anchorage and vicinity, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-787a, 1 sheet. Scale 1:24,000.
24. Park, C. F., Jr., 1933, The Girdwood District, Alaska: U.S. Geological Survey Bulletin 849g, p. 381-424. Scale 1:62,500.
25. Clark, S. H. B., and Yount, M. E., 1972, Reconnaissance geologic map and geochemical analyses of stream-sediment and rock samples of the Anchorage A-6 quadrangle, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-351, 2 sheets. Scale 1:63,360.
- Clark, S. H. B., and Bartsch, S. R., 1971, Reconnaissance geologic map and geochemical analyses of stream sediment and rock samples of the Anchorage B-7 quadrangle, Alaska: U.S. Geological Survey open-file report, 70 p. Scale 1:63,360.
- Clark, S. H. B., and Bartsch, S. R., 1971, Reconnaissance geologic map and geochemical analyses of stream sediment and rock samples of the Anchorage B-6 quadrangle, Alaska: U.S. Geological Survey open-file report, 63 p. Scale 1:63,360.
- Bateman, A. F., Jr., 1980, Unevaluated reconnaissance report (December 1948) on geology of lower Eagle River valley, Alaska: U.S. Geological Survey open-file report 80-275: Scale 1:24,000.
26. Winkler, G. R., 1973, Geologic map of the Cordova A-7 and A-8, B-6, B-7, and B-8 quadrangles, Hinchinbrook Island, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-531, 1 sheet. Scale 1:63,360.

27. MacKevett, E. M., Jr., 1965, Preliminary geologic map of the McCarthy C-6 quadrangle, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-444, 1 sheet. Scale 1:63,360.
- MacKevett, E. M., Jr., Berg, H. C., Plafker, George, and Jones, D. L., 1964, Preliminary geologic map of the McCarthy C-4 quadrangle, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-423, 1 sheet. Scale 1:63,360.
- MacKevett, E. M., Jr., 1963, Preliminary geologic map of the McCarthy C-5 quadrangle, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-406, 1 sheet. Scale 1:63,360.
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- MacKevett, E. M., Jr., 1972, Geologic map of the McCarthy C-6 quadrangle, Alaska: U.S. Geologic Quadrangle Map GQ-979. Scale 1:63,360.
- MacKevett, E. M., Jr., 1970, Geology of the McCarthy B-4 quadrangle, Alaska: U.S. Geological Survey Bulletin 1333, 31 p. Scale 1:63,360.
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28. Detterman, R. L., and Hartsock, J. K., 1966, Geology of the Iniskin-Tuxedni Region, Alaska: U.S. Geological Survey Professional Paper 512, 78 p. Scale: 1:63,360.
29. Barnes, F. F., and Cobb, E. H., 1959, Geology and coal resources of the Homer District, Kenai Coal Field, Alaska: U.S. Geological Survey Bulletin 1058f, p. 217-260. Scale 1:63,360.
30. Miller, D. J., 1957, Geology of the southeastern part of the Robinson Mountains, Yakataga District, Alaska: U.S. Geological Survey Oil and Gas Investigations Map OM-187, 2 sheets. Scale 1:63,360.
31. Rossman, D. L., 1959, Geology and ore deposits in the Reid Inlet area, Glacier Bay, Alaska: U.S. Geological Survey Bulletin 1058b, p. 33-59. Scale 1:63,360.

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- Reed, J. C., and Coats, R. R., 1941, Geology and ore deposits of the Chichagof Mining District, Alaska: U.S. Geological Survey Bulletin 929, 148 p. Scale 1:63,360.
- Kennedy, G. C., and Walton, M. S., Jr., 1946, Nickel investigations in southeastern Alaska: U.S. Geological Survey Bulletin 947c, p. 39-64. Scale 1:63,360.
- Pecora, W. T., 1942, Nickel-copper deposits on the west coast of Chichagof Island, Alaska: U.S. Geological Survey Bulletin 936i, p. 221-243. Scale 1:30,000.
33. Loney, R. A., Condon, W. H., and Dutro, J. T., Jr., 1963, Geology of the Freshwater Bay area, Chichagof Island, Alaska: U.S. Geological Survey Bulletin 1108c, p. c1-c54. Scale 1:63,360.
34. Brew, D. A., Muffler, L. J. P., and Loney, R. A., 1969, Reconnaissance geology of the Mount Edgecumbe Volcanic Field, Kruzof Island, southeastern Alaska, in Geological Survey Research 1969: U.S. Geological Survey Professional Paper 650d, p. d1-d18. Scale 1:80,000.
35. Barker, Fred, 1957, Geology of the Juneau (B-3) quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-100, 1 sheet. Scale 1:63,360.
36. MacKevett, E. M., Jr., and Blake, M. C., Jr., 1964, Geology of the Sundum copper-zinc prospect, southeastern Alaska: U.S. Geological Survey Bulletin 1108e, p. e1-e31. Scale 1:20,000.
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- Muffler, L. J. P., 1967, Stratigraphy of the Keku Islets and neighboring parts of Kulu and Kupreanof Islands, southeastern Alaska: U.S. Geological Survey Bulletin 1241c, p. c1-c52. Scale 1:63,360.
- Loney, R. A., 1964, Stratigraphy and petrography of the Pybus-Gambier area, Admiralty Island, Alaska: U.S. Geological Survey Bulletin 1178, 103 p. Scale 1:63,360.

38. Callahan, J. E., and Wanek, A. A., 1969, Geologic reconnaissance of possible powersites at Tyee, Eagle, and Spur Mountain Lakes, southeastern Alaska: U.S. Geological Survey Bulletin 1211b, p. b1-b34. Scale 1:24,000.
39. Sainsbury, C. L., 1961, Geology of part of the Craig C-2 quadrangle and adjoining areas, Prince of Wales Island, southeastern Alaska: U.S. Geological Survey Bulletin 1058h, p. 299-362. Scale 1:63,360.
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43. Mertie, J. B., Jr., 1969, Economic geology of the platinum minerals: U.S. Geological Survey Professional Paper 630, 120 p. Scale 1:63,360.
44. Barth, T. F. W., 1956, Geology and petrology of the Pribilof Islands, Alaska: U.S. Geological Survey Bulletin 1028f, p. 101-160. Scale 1:63,360.
45. Coats, R. R., 1956, Geology of northern Adak Island, Alaska: U.S. Geological Survey Bulletin 1028c, p. 45-67. Scale 1:50,000.
- Simons, F. S., and Mathewson, D. E., 1955, Geology of Great Sitkin Island, Alaska: U.S. Geological Survey Bulletin 1028b, p. 21-43. Scale 1:50,000.
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47. Coats, R. R., 1959, Geologic reconnaissance of Semisopochnoi Island, western Aleutian Islands, Alaska: U.S. Geological Survey Bulletin 1028o, p. 477-519. Scale 1:63,360.
48. Lewis, R. Q., Nelson, W. H., and Powers, H. A., 1960, Geology of Rat Island, Aleutian Islands, Alaska: U.S. Geological Survey Bulletin 1028q, p. 555-562. Scale 1:63,360.
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- Nelson, W. H., 1959, Geology of Segula, Davidof, and Khvostof Islands, Alaska: U.S. Geological Survey Bulletin 1028k, p. 257-266. Scale 1:25,000.
49. Coats, R. R., Nelson, W. H., Lewis, R. Q., and Powers, H. A., 1961, Geologic reconnaissance of Kiska Island, Aleutian Islands, Alaska: U.S. Geological Survey Bulletin 1028r, p. 563-581. Scale 1:63,360.
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51. MacKevett, E. M., Jr., Robertson, E. C., and Winkler, G. R., 1974, Geology of the Skagway B-3 and B-4 quadrangles, southeastern Alaska: U.S. Geological Survey Professional Paper 832, 33 p. Scale 1:63,360.
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53. MacKevett, E. M., Jr., and Smith, J. G., 1972, Geologic map of the McCarthy B-6 quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-1035, 1 sheet. Scale 1:63,360.
54. MacKevett, E. M., Jr., 1973, Reconnaissance geologic map of the McCarthy A-5 quadrangle, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-536, 1 sheet. Scale 1:63,360.
55. Moore, J. C., 1974, Geologic and structural map of the Sanak Islands, southwestern Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-817, 1 sheet. Scale 1:63,360.
56. Detterman, R. L., 1973, Geologic map of the Iliamna B-2 quadrangle, Augustine Island, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-1068, 1 sheet. Scale 1:63,360.
57. Hoare, J. M., Coonrad, W. L., Detterman, R. L., and Jones, D. L., 1975, Preliminary geologic map of the Goodnews A-3 quadrangle and parts of the A-2 and B-2 quadrangles, Alaska: U.S. Geological Survey open-file report 75-308, 16 p. Scale 1:63,360.
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59. Richter, D. H., and Schmoll, H. R., 1973, Geologic map of the Nabesna C-5 quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-1062, 1 sheet. Scale 1:63,360.

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65. Bowsher, A. L., and Dutro, J. T., Jr., 1957, The Paleozoic section in the Shainin Lake area, central Brooks Range, Alaska: U.S. Geological Survey Professional Paper 303a, p. 1-39. Scale 1:63,360.
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