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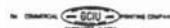
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INFORMATION CIRCULAR 23

ALASKA
DIVISION OF GEOLOGICAL &
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Alaska Department of
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STATE OF ALASKA
Department of Natural Resources
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

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Cover: DGGS geologist examines bedrock exposure along Kachemak River west of Prudhoe Bay. Photograph by R.A. Combelleck, August 1984.

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MAP OF DGGS PUBLICATIONS WITH AUTHOR AND QUADRANGLE INDEXES

This circular lists (by author and quadrangle) reports published by the Division of Geological and Geophysical Surveys. An index map of Alaska that shows report location is also included (pocket). Report categories are:

- .Alaska Open-file Reports (AOFs). Superseded by RIs in 1983.
- .Geochemical Reports (CHs). Discontinued; documents of this type are now included in PR series.
- .Guidebooks (GBs).
- .Miscellaneous Papers (MPs).
- .Professional Reports (PRs).
- .Report of Investigations (RIs).
- .Special Reports (SRs).

Reports published by DGGS but not listed in this circular are Information Circulars (ICs), Laboratory Notes, Laboratory Reports, and Miscellaneous Handbooks (see DGGS Information Circular 11 for descriptions of these documents).

The Author Index contains a complete bibliographic citation of each report. Each entry is listed in alphabetical order by first author and includes the price and a map designator that is cross-referenced to both the Index Map and the Quadrangle Index.

The Quadrangle Index contains report references that include an abbreviated report title, author, date, and report number. Quadrangles are listed in numerical order, and study areas within each quadrangle are listed in chronological order.

The Index Map of Alaska shows the approximate areas covered by DGGS reports. Map designators (for example 6-3) consist of two numbers separated by a hyphen. The first number (6) refers to the number of the U.S. Geological Survey 1:250,000 quadrangle in which the report is located. The second number (3) refers to a study area within that quadrangle and is cross-referenced to entries in the Quadrangle and Author Indexes.

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AUTHOR INDEX

Adams, D.D., 1983, GEOLOGIC MAP OF THE NORTHERN CONTACT AREA OF THE ARRIGETCH PEAKS PLUTON, BROOKS RANGE: DGGS Professional Report 83, scale 1:18,000, 1 sheet. \$2. [29-10]

Albanese, M.D., 1982a, GEOCHEMICAL RECONNAISSANCE OF THE FAIRBANKS D-3 QUADRANGLE; SUMMARY OF DATA ON STREAM-SEDIMENT, PAN-CONCENTRATE, AND ROCK SAMPLES: DGGS Open-file Report 166, scale 1:63,360, 3 sheets. \$4. [58-2]

_____, 1982b, GEOCHEMICAL RECONNAISSANCE OF THE NORTHERN FAIRBANKS D-1 AND SOUTHERN LIVENGOD A-1 QUADRANGLES; SUMMARY OF DATA ON STREAM-SEDIMENT, PAN-CONCENTRATE, AND ROCK SAMPLES: DGGS Open-file Report 164, 26 p., scale 1:63,360, 3 sheets. \$4. [49-5, 58-2]

_____, 1982c, GEOCHEMICAL RECONNAISSANCE OF THE NORTHERN FAIRBANKS D-2 AND SOUTHERN LIVENGOD A-2 QUADRANGLES; SUMMARY OF DATA ON STREAM-SEDIMENT, PAN-CONCENTRATE, AND ROCK SAMPLES: DGGS Open-file Report 165, 23 p., scale 1:63,360, 3 sheets. \$4. [49-5, 58-2]

Albanese, M.D., 1982d, TWO HOLOCENE MAARS IN THE CENTRAL ALASKA RANGE, in Short Notes on Alaskan Geology, 1981: DGGs Geologic Report 73, p. 19-22. \$3. [58-5]

1983a, GEOCHEMICAL RECONNAISSANCE OF THE LIVENGOD B-3, B-4, C-3, AND C-4 QUADRANGLES: SUMMARY OF DATA ON STREAM-SEDIMENT, PAN-CONCENTRATE, AND ROCK SAMPLES: DGGs Report of Investigations 83-1, 55 p., scale 1:63,360, 4 sheets. \$5. [49-6]

1983b, BEDROCK GEOLOGIC MAP OF THE LIVENGOD B-4 QUADRANGLE: DGGs Report of Investigations 83-3, scale 1:40,000, 1 sheet. \$1. [49-6]

1984, GEOCHEMICAL RECONNAISSANCE OF THE UPPER CHENA RIVER AREA, CENTRAL ALASKA: ANALYTICAL DATA ON THE STREAM-SEDIMENT, PAN-CONCENTRATE, AND ROCK SAMPLES: DGGs Report of Investigations 84-4, 30 p., scale 1:63,360, 1 sheet. \$2. [50-3, 59-3]

Albanese, M.D., and Turner, D.L., 1980, ^{40}K - ^{40}Ar AGES FROM RHYOLITE OF SUGAR LOAF MOUNTAIN, CENTRAL ALASKA RANGE: IMPLICATIONS FOR OFFSET ALONG THE HINES CREEK STRAND OF THE DENALI FAULT SYSTEM, in Short Notes on Alaskan Geology, 1979-80: DGGs Geologic Report 63, p. 7-10. \$1. [67-21]

Allegro, G.L., 1984, GEOLOGY OF THE OLD SMOKY PROSPECT, LIVENGOD C-4 QUADRANGLE: DGGs Report of Investigations 84-1, 10 p., scale 1:120, 1 sheet. \$2. [49-7]

Anderson, R.E., 1969a, GEOLOGY AND GEOCHEMISTRY, DIANA LAKES AREA, WESTERN TALKEETNA MOUNTAINS: DGGs Geologic Report 34, 27 p., scale 1:48,000, 1 sheet. \$1. [76-4]

1969b, PRELIMINARY GEOCHEMISTRY AND GEOLOGY, LITTLE FALLS CREEK AREA, TALKEETNA MTS. QUADRANGLE: DGGs Geochemical Report 19, 16 p., scale 1:45,000, 1 sheet. \$1. [76-5]

Asher, R.R., 1969a, GEOLOGIC AND GEOCHEMICAL STUDY, SOLOMON C-5 QUADRANGLE, SEWARD PENINSULA: DGGs Geologic Report 33, 64 p., scale 1:63,360, 1 sheet. \$1. [53-3]

1969b, GEOLOGY AND GEOCHEMISTRY OF PART OF THE IRON CREEK AREA, SOLOMON D-6 QUADRANGLE, SEWARD PENINSULA: DGGs Geochemical Report 18, 19 p. \$1. [53-4]

1970a, GEOLOGY AND GEOCHEMISTRY OF THE BELT CREEK - LIBBY RIVER AREA, SEWARD PENINSULA: DGGs Geochemical Report 22, 42 p., scale 1:63,360, 1 sheet. \$1. [44-3]

1970b, GEOCHEMISTRY AND GEOLOGY, BOUNDARY AREA, FORTYMILE DISTRICT, EAGLE A-1 QUADRANGLE: DGGs Geochemical Report 23, 32 p., scale 1:63,360, 2 sheets. \$1. [60-4]

Barker, J.C., 1982, RECONNAISSANCE OF RARE-METAL OCCURRENCES ASSOCIATED WITH THE OLD CROW BATHOLITH, EASTERN ALASKA - NORTHWESTERN CANADA, in Short Notes on Alaskan Geology, 1981: DGGs Geologic Report 73, p. 43-50. \$3. [33-1]

Barnwell, W.W., and Pearson, K.S., compilers, 1984, ALASKA'S RESOURCE INVENTORY - 1984: DGGs Special Report 36, 62 p. \$4. [General]

Bewley, G.A., O'Connor, K.M., Dobey, P.L., Welch, Joanne, Klein, R.M., McConkey, William, and Quilan, Clarissa, 1975, ALASKAN OIL DEMAND 1976-2000: DGGs Open-file Report 91, 32 p. OUT OF PRINT. [General]

Bewley, G.A., O'Connor, K.M., Dobey, P.L., Welch, Joanne, Klein, R.M., and Renaud, Charlotte, 1975, PRESENT AND HISTORICAL DEMAND FOR OIL AND GAS IN ALASKA: DGGs Open-file Report 90, 16 p. OUT OF PRINT. [General]

Blodgett, R.B., 1977, A GIVETIAN (LATE MIDDLE DEVONIAN) FAUNA FROM HEALY B-4 QUADRANGLE, CENTRAL ALASKA RANGE, in Short Notes on Alaskan Geology - 1977: DGGs Geologic Report 55, p. 1-2. \$2.50. [67-15]

Blodgett, R.B., and Gilbert, W.G., 1983, THE CHEENEETNUK LIMESTONE, A NEW EARLY(?) TO MIDDLE DEVONIAN FORMATION IN THE McGRATH A-4 AND A-5 QUADRANGLES, WEST-CENTRAL ALASKA: DGGs Professional Report 85, 6 p., scale 1:63,360, 1 sheet. \$3. [74-10]

Blum, J.D., 1983, PETROLOGY, GEOCHEMISTRY, AN ISOTOPE GEOCHRONOLOGY OF THE GILMORE DOME AND PEDRO DOME PLUTONS, FAIRBANKS MINING DISTRICT: DGGs Report of Investigations 83-2, 59 p. \$2. [58-2]

Bond, G.C., 1976, GEOLOGY OF THE RAINBOW MOUNTAIN - GULKANA GLACIER AREA, EASTERN ALASKA RANGE: DGGs Geologic Report 45, 47 p., scale 1:42,000, 3 sheets. \$3. [68-1]

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Bruhn, R.L., 1978, HOLOCENE DISPLACEMENTS MEASURED BY TRENCHING THE CASTLE MOUNTAIN FAULT NEAR HOUSTON, in Short Notes on Alaskan Geology - 1978: DGGs Geologic Report 61, p. 1-4. \$2. [85-2]

Buffler, R.T., 1976, GEOLOGIC MAP OF SOUTH AUGUSTINE ISLAND, LOWER COOK INLET: DGGs Open-file Report 96, 3 p., scale 1:24,000, 1 sheet. \$2.30. OUT OF PRINT. [103-3]

Buflvers, John, 1967, HISTORY OF MINES AND PROSPECTS, KETCHIKAN DISTRICT, PRIOR TO 1952: DGGs Special Report 1, 32 p. \$2. [120-1]

Bundtzen, T.K., 1974, GEOCHEMISTRY OF PARTS OF THE BENDELEBEN A-6, A-5, A-4, B-5, and B-4 QUADRANGLES: DGGs Open-file Report 39, 10 p., scale 1:63,360, 1 sheet. OUT OF PRINT. [44-4]

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1982, BEDROCK GEOLOGY OF THE FAIRBANKS MINING DISTRICT, WESTERN SECTOR: DGGs Open-file Report 155, scale 1:24,000, 2 sheets. \$2. OUT OF PRINT. [58-2]

1983a, BEDROCK GEOLOGIC OUTCROP MAP OF THE LIVENGOD B-3 QUADRANGLE: DGGs Report of Investigations 83-6, scale 1:40,000, 1 sheet. \$1. [49-6]

1983b, MINERAL-RESOURCE MODELING, KANTISHNA-DUNKLE MINE-STUDY AREAS: DGGs Report of Investigations 83-12, 51 p. \$2. [66-2, 67-23]

Bundtzen, T.K., Eakins, G.R., Clough, J.G., Lueck, L.L., Green, C.B., Robinson, M.S., and Coleman, D.A., 1984, ALASKA'S MINERAL INDUSTRY - 1983: DGGs Special Report 33, 56 p. No charge while available. [General]

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Bundtzen, T.K., and Kline, J.T., 1979, PORTAGE CREEK GOLD PLACERS, LAKE CLARK QUADRANGLE, ILIAMNA DISTRICT: DGGs Open-file Report 120, 13 p., 1 sheet. \$2. [93-4]

1981, GEOLOGIC MINE MAP, GRANT GOLD MINE, FAIRBANKS MINING DISTRICT: DGGs Open-file Report 141, 2 p., scale 1 in. = 10 ft, 1 sheet. OUT OF PRINT. [58-2]

Bundtzen, T.K., Kline, J.T., and Clough, J.G., 1982, PRELIMINARY GEOLOGIC MAP OF THE McGRATH B-2 QUADRANGLE: DGGs Open-file Report 149, 22 p., scale 1:63,360, 1 sheet. \$2. [74-6]

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1983a, GEOLOGIC MAP OF THE IDITAROD D-1 QUADRANGLE: DGGs Professional Report 78, scale 1:63,360, 1 sheet. \$2. [73-4]

1983b, GEOLOGIC MAP OF THE McGRATH D-6 QUADRANGLE: DGGs Professional Report 79, scale 1:63,360, 1 sheet. \$2. [74-3]

- Bundtzen, T.K., and Laird, G.M., 1983c, PRELIMINARY GEOLOGY OF THE NORTHEASTERN IDITAROD C-3 QUADRANGLE: DGGs Report of Investigations 83-13, scale 1:63,360, 1 sheet. \$2. [73-5]
- Bundtzen, T.K., and Reger, R.D., 1977, THE RICHARDSON LINEAMENT - A STRUCTURAL CONTROL FOR GOLD DEPOSITS IN THE RICHARDSON MINING DISTRICT, INTERIOR ALASKA, in Short Notes on Alaskan Geology - 1977: DGGs Geologic Report 55, p. 29-34. \$2.50. [59-2]
- Bundtzen, T.K., Robinson, M.S., Kline, J.T., and Albanese, M.D., 1982, GEOLOGY OF THE CLIPPER GOLD MINE, FAIRBANKS MINING DISTRICT: DGGs Open-file Report 157, 10 p., scale 1 in. = 10 ft, 1 sheet. \$2. [49-5, 58-2]
- Bundtzen, T.K., Smith, T.E., and Tosdal, R.M., 1976, PROGRESS REPORT: GEOLOGY AND MINERAL DEPOSITS OF THE KANTISHNA HILLS: DGGs Open-file Report 98, 80 p., scale 1:63,360, 2 sheets. OUT OF PRINT. [57-1, 66-2]
- Bundtzen, T.K., and Turner, D.L., 1978, GEOCHRONOLOGY OF METAMORPHIC AND IGNEOUS ROCKS IN THE KANTISHNA HILLS, MOUNT MCKINLEY QUADRANGLE, in Short Notes on Alaskan Geology - 1978: DGGs Geologic Report 61, p. 25-30. \$2. [66-2]
- Bundtzen, T.K., and Veach, N.C., 1984, GARNET COMPOSITIONAL ESTIMATES AS INDICATORS OF PROGRESSIVE REGIONAL METAMORPHISM IN POLYMETAMORPHIC ROCKS, KANTISHNA HILLS, in Short Notes on Alaskan Geology, 1982-83: DGGs Professional Report 86, p. 28-34. \$2.50. [66-7]
- Burand, W.M., 1965, A GEOCHEMICAL INVESTIGATION BETWEEN CHATANIKA AND CIRCLE HOT SPRINGS: DGGs Geochemical Report 5, 11 p. \$1. [49-1, 50-1]
- _____, 1966a, A GEOCHEMICAL INVESTIGATION OF THE NENANA HIGHWAY AREA, CENTRAL ALASKA: DGGs Geochemical Report 10, 13 p. OUT OF PRINT. [58-1]
- _____, 1966b, A GEOCHEMICAL INVESTIGATION OF STREAM SEDIMENTS IN THE ELLIOTT HIGHWAY AREA: DGGs Geochemical Report 11, 31 p. OUT OF PRINT. [48-1, 49-2]
- _____, 1968, GEOCHEMICAL INVESTIGATIONS OF SELECTED AREAS IN THE YUKON-TANANA REGION OF ALASKA, 1965 and 1966: DGGs Geochemical Report 13, 51 p. \$1. [49-3, 49-5, 50-2, 60-2]
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- Carden, J.R., and Decker, John, 1977, TECTONIC SIGNIFICANCE OF THE KNIK RIVER SCHIST, SOUTH-CENTRAL ALASKA, in Short Notes on Alaskan Geology - 1977: DGGs Geologic Report 55, p. 7-10. \$2.50. [85-7]
- Carden, J.R., and Forbes, R.B., 1976, DISCOVERY OF BLUESCHISTS ON KODIAK ISLAND, in Short Notes on Alaskan Geology - 1976: DGGs Geologic Report 51, p. 19-22. \$2. [127-1]
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- Chipp, E.R., 1970, GEOLOGY AND GEOCHEMISTRY OF THE CHANDALAR AREA, BROOKS RANGE: DGGs Geologic Report 42, 39 p., scale 1:36,000, 1 sheet. OUT OF PRINT. [31-1]
- _____, 1972, ANALYSES OF ROCK AND STREAM-SEDIMENT SAMPLES, WILD LAKE AREA, WISEMAN QUADRANGLE, ARCTIC ALASKA: DGGs Geochemical Report 25, scale 1:48,000, 1 sheet. \$1. [30-1]
- Clough, J.G., 1980, FOSSIL ALGAE IN LOWER DEVONIAN LIMESTONES, EAST-CENTRAL ALASKA, in Short Notes on Alaskan Geology, 1979-80: DGGs Geologic Report 63, p. 19-20. \$1. [51-2]
- Combellick, R.A., 1984a, POTENTIAL FOR EARTHQUAKE-INDUCED LIQUEFACTION IN THE FAIRBANKS-NENANA AREA: DGGs Report of Investigations 84-5, 10 p., scale 1:250,000, 1 sheet. \$2. [58-7]

- Combellick, R.A., 1984b, SURFICIAL GEOLOGIC MAP OF THE SEWARD D-6 QUADRANGLE: DGGs Report of Investigations 84-15, scale 1:63,360, 1 sheet. \$1. [95-6]
- Combellick, R.A., 1984c, SURFICIAL GEOLOGIC MAP OF THE SEWARD D-7 QUADRANGLE: DGGs Report of Investigations 84-22, scale 1:63,360, 1 sheet. \$1. [95-7]
- Combellick, R.A., and Long, W.E., 1983, GEOLOGIC HAZARDS IN SOUTHEASTERN ALASKA: AN OVERVIEW: DGGs Report of Investigations 83-17, 17 p. \$1. [General]
- Conwell, C.N., 1974, MINERAL PREPARATION OF ORES FROM FRIDAY CREEK, KANTISHNA MINING DISTRICT: DGGs Special Report 7, 9 p. \$1. [66-1]
- _____, 1977, BOULDER CREEK TIN LODE DEPOSITS, in Short Notes on Alaskan Geology - 1977: DGGs Geologic Report 55, p. 35-38. \$2.50. [75-2]
- _____, 1982, MINERAL PREPARATION, GRANT GOLD MINE: DGGs Geologic Report 74, 15 p. \$2. [58-2]
- Conwell, C.N., and Triplehorn, D.M., 1976, HIGH-QUALITY COAL NEAR POINT HOPE, NORTH-WESTERN ALASKA, in Short Notes on Alaskan Geology - 1976: DGGs Geologic Report 51, p. 31-35. \$2. [17-1]
- _____, 1978, HERENDEEN BAY - CHIGNIK COALS, SOUTHERN ALASKA PENINSULA: DGGs Special Report 8, 15 p., scale 1:31,680, 2 sheets. \$2. [133-2, 138-4]
- Conwell, C.N., Triplehorn, D.M., and Ferrell, V.M., 1982, COALS OF THE ANCHORAGE QUADRANGLE: DGGs Special Report 17, 8 p., scale 1:250,000, 4 sheets. \$3. [85-11]
- Daniels, C.L., 1981a, GEOLOGY AND GEOLOGIC-MATERIALS MAPS OF ANCHORAGE C-7 SE. QUADRANGLE: DGGs Geologic Report 67, scale 1:25,000, 2 sheets.¹ [85-2]
- _____, 1981b, GEOLOGY AND GEOLOGIC-MATERIALS MAPS OF ANCHORAGE C-7 SW. QUADRANGLE: DGGs Geologic Report 71, scale 1:25,000, 2 sheets.¹ [85-2]
- Davidson, G.D., and Hackett, S.W., 1979a, PROVISIONAL SNOW AVALANCHE POTENTIAL, SEWARD QUADRANGLE: DGGs Open-file Report 131, scale 1:250,000, 2 sheets. OUT OF PRINT. [95-5]
- _____, 1979b, PROVISIONAL SNOW AVALANCHE POTENTIAL, JUNEAU QUADRANGLE: DGGs Open-file Report 132, scale 1:63,360, 2 sheets. OUT OF PRINT. [112-3]
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5. Geologic map, Healy A-2 (Smith, T.E., & others, 1984, RI 84-14).
6. Geologic map, structure sections, Healy C-6 (Gilbert & Redman, 1975, AOF 80).
7. Minerals, Wood River, Edgar Creek, and W. Fork Glacier areas (Sherwood & others, 1975, AOF 81).
7. Minerals, Wood River, Edgar Creek, and W. Fork Glacier areas (Sherwood & others, 1976, SR 14).
8. Teklanika Formation, central Alaska Range (Gilbert & others, 1976, GR 47).
8. Stratigraphy, petrology, geochemistry, Pingston-McKinley terranes (Gilbert & others, 1984, RI 84-30).
9. Geologic map, central Healy Quad. (Hickman & Craddock, 1976a, AOF 95).
10. Geochemistry, W. Healy D-1 [map] (Gilbert & Kline, 1976, AOF 97).
10. Geology, mineralized intrusive rocks, Chulitna mining district (Swainbank & others, 1977, GR 55).

11. Geology and geochemistry, Healy D-5, 6 (Gilbert & Bundtzen, 1976, AOF 101).
12. Minerals, near Cantwell (Hickman & Craddock, 1976b, SR 13).
13. Clay mineralogy and petrology, coal-bearing group near Healy (Triplehorn, 1976a, GR 52).
14. Metamorphic rocks, Toklat-Teklanika Rivers area (Gilbert & Redman, 1977, GR 50).
15. Givetian (late Middle Devonian) fauna, Healy B-4 (Blodgett, 1977, GR 55).
16. Geology and geochemistry, Healy D-1 and S. Fairbanks A-1 (Gilbert, 1977, AOF 105).
17. Geochemistry, parts of Fairbanks A-4 and Healy D-2, 3, 4 (Bundtzen & Gilbert, 1977, AOF 108).
18. Geology, Alaska Range, Nenana River to Mt. Deborah (Sherwood & Craddock, 1977, AOF 116).
19. Cantwell ash bed, Holocene tephra (Bowers, 1978, GR 61).
20. Late Quaternary faulting near Healy (Thorson, 1978, GR 61).
21. Age dates, Sugar Loaf Mtn., Hines Creek strand, Denali fault system (Albanese & Turner, 1980, GR 63).
22. Uranium mineralization, Nenana coal field (Dickson, 1982, GR 73).
23. Mineral-resource modeling, Kantishna-Dunkle Mine (Bundtzen, 1983b, RI 83-12).

68 - Mount Hayes Quadrangle

1. Bedrock geology, Rainbow Mtn. area (Hanson, 1963, GR 2).
1. Geology, Rainbow Mtn., Gulkana Glacier area (Bond, 1976, GR 45).
2. Geology and mineral deposits, Denali - Maclaren River area (Kaufman, 1964, GR 4).
3. Geology and geochemistry, near Paxson (Rose & Saunders, 1965, GR 13).
4. Geology and mineral deposits, Rainy Creek area (Rose, 1965a, GR 14).
5. Geology, part of the Amphitheatre Mts. (Rose, 1966b, GR 19).
6. Geology and geochemistry, Eureka Creek and Rainy Creek areas (Rose, 1966c, GR 20).
7. Geology, upper Chistochina River area (Rose, 1967a, GR 28).
8. Geology, upper Slana - Mentasta Pass area (Richter, 1967b, GR 30).
9. Geochemistry, upper Maclaren River area (Smith, T.E., & others, 1971, MP 2).
9. Geochemistry, Mt. Hayes A-6 [map] (Smith, T.E., & others, 1973, CH 26).
10. Geochronology and geology, Clearwater and Talkeetna Mts. (Turner & Smith, 1974, AOF 72).
11. Geochemistry, Mt. Hayes A-4, 5; B-4, 5 (Stout, 1975, AOF 68).
11. Geology, Eureka Creek area (Stout, 1976, GR 46).
12. Geochemistry, Mt. Hayes B-6 (Smith, T.E., & others, 1975, AOF 70).
13. Geology, Alaska Range, Nenana River to Mt. Deborah (Sherwood & Craddock, 1979, AOF 116).
14. Tertiary tillites(?), NE. flank, Granite Mtn. (Carter, 1980, GR 63).
15. Alkaline igneous rocks, E. Alaska Range (Foley, 1982, GR 73).
16. Triassic paleomagnetic data and paleolatitudes, Wrangellia (Stone, 1982, GR 73).

69 - Tanacross Quadrangle

1. Geochemistry, Taylor Highway, east-central Alaska (Saunders, 1966, CH 9).

2. Geology, upper Slana - Mentasta Pass area (Richter, 1967b, GR 30).

73 - Iditarod Quadrangle

1. Multiple glaciation, Beaver Mts. (Bundtzen, 1980, GR 63).
2. Geology, McGrath - upper Innoko River area (Bundtzen & Laird, 1980, AOF 134).
3. Geologic map, Iditarod D-2 and E. D-3 (Bundtzen & Laird, 1982, GR 72).
4. Geologic map, Iditarod D-1 (Bundtzen & Laird, 1983a, PR 78).
5. Geologic map, NE. Iditarod C-3 (Bundtzen & Laird, 1983c, RI 83-13).
6. Geologic-data compilation, Iditarod A-5 [map] (Decker & others, 1984a, RI 84-17).
7. Gravity data, Holitna basin (Meyer & Krouskop, 1984, RI 84-25).

74 - McGrath Quadrangle

1. Geology and geochemistry, SW. Farewell (Herreid, 1968a, GR 26).
2. Geology, McGrath - upper Innoko River area (Bundtzen & Laird, 1980, AOF 134).
3. Geologic map, Iditarod D-1 (Bundtzen & Laird, 1983b, PR 79).
4. Geologic map, Cheeneetnuk River area (Gilbert, 1981, AOF 153).
5. Geologic map, McGrath B-3 (Gilbert & others, 1982, AOF 148).
6. Geologic map, McGrath B-2 (Bundtzen & others, 1982, AOF 149).
7. Coal, Farewell - White Mtn. area (Solie & Dickey, 1982, AOF 160).
8. Bedrock-geologic map, McGrath A-3 (Gilbert & Solie, 1983, RI 83-7).
9. Middle Fork plutonic complex, McGrath A-3 (Solie, 1983, RI 83-16).
10. Cheeneetnuk Limestone, McGrath A-4, 5 (Blodgett & Gilbert, 1983, PR 85).
10. Seismic survey for ground water, McGrath (Meyer & others, 1984, PR 86).
11. Gravity data, Holitna basin (Meyer & Krouskop, 1984, RI 84-25).

75 - Talkeetna Quadrangle

1. Geochemistry, selected areas, south-central Alaska, 1964 (Jasper, 1965a, CH 4).
2. Boulder Creek tin-lode deposits (Conwell, 1977, GR 55).
3. Geologic map, Talkeetna-Kashwitna area, Susitna River basin (Reger, R.D., 1978, AOF 107A).
3. Geologic-materials map, Talkeetna-Kashwitna area (Reger, R.D., & Carver, 1978a, AOF 107B).
3. Slope map, Talkeetna-Kashwitna area (Kline, 1978, AOF 107C).
3. Bedrock geology and coal, Talkeetna-Kashwitna area (McGee, 1978, AOF 107E).
3. Bouguer gravity map, Talkeetna-Kashwitna River area (Hackett, 1978a, AOF 107G).
3. Aeromagnetic map, Talkeetna-Kashwitna River area (Hackett, 1978b, AOF 107H).
3. Geologic interpretation, Bouguer gravity map, Talkeetna-Kashwitna area (Hackett, 1979a, AOF 107I).
3. Geologic interpretation, aeromagnetic map, Talkeetna-Kashwitna area (Hackett, 1979b, AOF 107J).
4. Coal, Susitna lowland (Merritt & others, 1982, AOF 142).
4. Coal atlas, Susitna lowland (Merritt, in press, PR 82).

4. Peat-resource inventory, south-central Alaska (Huck & Rawlinson, 1982, AOF 150).

76 - Talkeetna Mountains Quadrangle

1. Geologic map, Portage Creek - Susitna River area (Richter, 1963, GR 3).
2. Geochemistry, selected areas, south-central Alaska, 1964 (Jasper, 1965a, CH 4).
3. Geology, upper Talkeetna River (Rose, 1967b, GR 32).
4. Geology and geochemistry, Diana Lakes area, W. Talkeetna Mts. (Anderson, 1969a, GR 34).
5. Geology and geochemistry, Little Falls Creek area (Anderson, 1969b, CH 19).
6. Geochronology and geology, Clearwater and Talkeetna Mts. (Turner & Smith, T.E., 1974, AOF 72).
7. Stratabound copper and gold, N. Talkeetna Mts. (Smith, T.E., & others, 1975, MP 3).
8. Commercial-grade mordenite deposits, Horn Mts. (Hawkins, 1976a, AOF 89).
8. Mordenite deposits and zeolite zonation, Horn Mts. (Hawkins, 1976b, SR 9).
8. Commercial-grade mordenite deposits, Horn Mts. (Hawkins, 1976c, SR 11).
9. Geologic map, south-central Talkeetna Mts. (McGee & Henning, 1977, AOF 103).
10. Geologic map, Talkeetna-Kashwitna area, Susitna River basin (Reger, R.D., 1978, AOF 107A).
10. Geologic-materials map, Talkeetna-Kashwitna area (Reger, R.D., & Carver, 1978a, AOF 107B).
10. Slope map, Talkeetna-Kashwitna area (Kline, 1978, AOF 107C).
10. Bedrock geology and coal, Talkeetna-Kashwitna area (McGee, 1978, AOF 107E).
10. Bouguer gravity map, Talkeetna-Kashwitna River area (Hackett, 1978a, AOF 107G).
10. Aeromagnetic map, Talkeetna-Kashwitna River area (Hackett, 1978b, AOF 107H).
10. Geologic interpretation, Bouguer gravity map, Talkeetna-Kashwitna area (Hackett, 1979a, AOF 107I).
10. Geologic interpretation, aeromagnetic map, Talkeetna-Kashwitna area (Hackett, 1979b, AOF 107J).
11. Coal, Susitna lowland (Merritt & others, 1982, AOF 142).
11. Peat-resource inventory, south-central Alaska (Huck & Rawlinson, 1982, AOF 150).

77 - Gulkana Quadrangle

1. Geology and mineral deposits, Ahtell Creek area, Slana district (Richter, 1964, GR 6).
2. Geochemistry, Slana district (Richter, 1965a, CH 2).
3. Geology and geochemistry, near Paxson (Rose & Saunders, 1965, GR 13).
4. Geology, Slana district (Richter, 1966, GR 21).
5. Geology, upper Slana - Mentasta Pass area (Richter, 1967b, GR 30).
6. Geochronology and geology, Clearwater and Talkeetna Mts. (Turner & Smith, T.E., 1974, AOF 72).

78 - Nabesna Quadrangle

1. Geology and mineral deposits, Ahtell Creek area, Slana district (Richter, 1964, GR 6).
2. Geology, Slana district (Richter, 1966, GR 21).
3. Geology, upper Slana - Mentasta Pass area (Richter, 1967b, GR 30).
4. Mineral evaluation, D-2 land area (Dobey & Henning, 1973, AOF 34).

- Recent earthquake, Denali fault, SE. Alaska Range (Gedney & Estes, 1982, GR 73).

81 - Russian Mission Quadrangle

- Photointerpretive map, flood-plain deposits and material resources (Krause, 1984, RI 84-2).
- Geologic-data compilation, Russian Mission A-3 [map] (Decker & others, 1984c, RI 84-19).

82 - Sleetmute Quadrangle

- Geochemistry, Sleetmute A-6 [map] (Robinson, 1983, RI 84-7).
- Geologic map, Sleetmute A-6 (Decker & others, 1984, RI 84-8).
- Photointerpretive map, flood-plain deposits and material resources (Krause, 1984, RI 84-2).
- Geochemistry, Sleetmute B-5 [map] (Robinson, 1984b, RI 84-9).
- Geologic map, Sleetmute B-5 (Robinson & others, 1984, RI 84-10).
- Geochemistry, Sleetmute B-6 [map] (Robinson, 1984c, RI 84-11).
- Geologic map, Sleetmute B-6 (Reifenstuhl & others, 1984, RI 84-12).
- Gravity data, Holitna basin (Meyer & Krouskop, 1984, RI 84-25).
- Geologic-data compilation, Sleetmute A-5 [map] (Decker & others, 1984d, RI 84-29).
- Geologic-data compilation, Sleetmute A-7 [map] (Decker & others, 1984e, RI 85-1).

83 - Lime Hills Quadrangle

- Geologic map, Cheeneetuk River area (Gilbert, 1981, AOF 153).
- Gravity data, Holitna basin (Meyer & Krouskop, 1984, RI 84-25).

84 - Tyonek Quadrangle

- Geochemistry, selected areas, south-central Alaska, 1964 (Jasper, 1965a, CH 4).
- Coal reserves, Beluga and Chuitna Rivers and Capps Glacier areas (McGee, 1973a, AOF 30).
- Water-quality data, Beluga coal-field area (Maurer & Toland, 1984, RI 84-27).
- Cook Inlet basin, subsurface-coal reserve (McGee & O'Connor, 1975b, AOF 74).
- Tectonic evolution, Cenozoic Shelikof Trough (Hackett, 1976, GR 51).
- Regional gravity survey, Beluga basin and adjacent area (Hackett, 1976, AOF 100).
- Gravity survey, Beluga basin and adjacent area (Hackett, 1977a, GR 49).
- Salinity study, Cook Inlet basin (McGee, 1977, GR 54).
- Geologic map, Talkeetna-Kashwitna area, Susitna River basin (Reger, R.D., 1978, AOF 107A).
- Geologic-materials map, Talkeetna-Kashwitna area (Reger, R.D. & Carver, 1978a, AOF 107B).
- Slope map, Talkeetna-Kashwitna area (Kline, 1978, AOF 107C).
- Bedrock geology and coal, Talkeetna-Kashwitna area (McGee, 1978, AOF 107E).
- Bouguer gravity map, Talkeetna-Kashwitna River area (Hackett, 1978a, AOF 107G).
- Aeromagnetic map, Talkeetna-Kashwitna River area (Hackett, 1978b, AOF 107H).
- Geologic interpretation, Bouguer gravity map, Talkeetna-Kashwitna area (Hackett, 1979a, AOF 107I).
- Geologic interpretation, aeromagnetic map, Talkeetna-Kashwitna area (Hackett, 1979b, AOF 107J).

- Geology, new capital site and vicinity (Reger, R.D., & Carver, 1978b, AOF 113A).

- Geologic-materials map, new capital site and vicinity (Reger, R.D., & Carver, 1978c, AOF 113B).

- Gravity survey, lower Susitna basin (Wescott & Witte, 1982, AOF 162).

- Coal, Susitna lowland (Merritt & others, 1982, AOF 142).

- Peat-resource inventory, south-central Alaska (Huck & Rawlinson, 1982, AOF 150).

- Subsurface structure of cohesive facies, Bootlegger Cove Formation (Ulery & Updike, 1983, PR 84).

- Engineering-geologic map, SW. Anchorage (Updike & Ulery, 1984, PR 89).

- Geology, Miss Molly molybdenum prospect, Tyonek C-6 (Fernet & Cleveland, 1984, PR 86).

85 - Anchorage Quadrangle

- Geochemistry, selected areas, south-central Alaska, 1964 (Jasper, 1965a, CH 4).

- Geochemistry, along highway and secondary roads, south-central Alaska (Jasper, 1965b, CH 7).

- Geology and chromite-bearing ultramafic rocks near Eklutna (Rose, 1966a, GR 18).

- Holocene displacements, Castle Mtn. fault, near Houston (Bruhn, 1978, GR 61).

- Geology, new capital site and vicinity (Reger, R.D. & Carver, 1978b, AOF 113A).

- Geologic-materials map, new capital site and vicinity (Reger, R.D. & Carver, 1978c, AOF 113B).

- Geology and geologic-materials maps, Anchorage C-8 SE. (Reger, R.D., 1981a, GR 65).

- Geology and geologic-materials maps, Anchorage C-7 SE. (Daniels, 1981a, GR 67).

- Geology and geologic-materials maps, Anchorage C-8 SW. (Reger, R.D., 1981b, GR 68).

- Geology and geologic-materials maps, Anchorage B-8 NE. (Reger, R.D., 1981c, GR 69).

- Geology and geologic-materials maps, Anchorage B-8 NW. (Reger, R.D., 1981d, GR 70).

- Geology and geologic-materials maps, Anchorage C-7 SW. (Daniels, 1981b, GR 71).

- Coal, Anchorage Quad. (Conwell & others, 1982, SR 17).

- Gravity survey, lower Susitna basin (Wescott & Witte, 1982, AOF 162).

- Geologic map, Eklutna Lake, Anchorage B-8 NW. (Updike & Ulery, 1983, RI 83-8).

- Water-well data map, Big Lake area, Anchorage C-8 SW. (Dearborn & Allely, 1983, RI 83-19).

- Moisture density, texture, tidal-flat sediments, Knik Arm (Updike & others, 1984, RI 84-20).

- Ground-water, Eagle River (Munter, 1984, RI 84-21).

- Liquefaction susceptibility, foundation soils, Knik River Bridge, Glenn Hwy. (Updike, 1984b, RI 84-26).

- Sand-and-gravel aquifer, Eagle River (Munter & Dearborn, 1984, PR 86).

- Geology and geochemistry, Metal Creek area, Chugach Mts. (Richter, 1967a, GR 25).

- Sedimentary zeolite deposits, upper Matanuska Valley (Hawkins, 1973, SR 6).

- Cook Inlet basin, subsurface coal reserve (McGee & O'Connor, 1975b, AOF 74).

- Clay mineralogy and petrology, Cook Inlet basin (Triplehorn, 1976b, AOF 102).

- Subsurface structure of cohesive facies, Bootlegger Cove Formation (Ulery & Updike, 1983, PR 84).

- Geophysical well logs, water development, S. Anchorage (Dearborn, 1984, PR 86).

6. Electric-cone-penetration test, Turnagain Heights landslide (Updike, 1984, RI 84-13).
6. *Engineering-geologic map, SW. Anchorage* (Updike & Ulery, 1984, PR 89).
7. Knik River schist, tectonic significance (Carden & Decker, 1977, GR 55).
8. Geologic map, south-central Talkeetna Mts. (McGee & Henning, 1977, AOF 103).
8. Coal geology and resources, Matanuska Valley (Merritt & Belowich, 1984, RI 84-24).
9. Geologic map, Talkeetna-Kashwitna area, Susitna River basin (Reger, R.D., 1978, AOF 107A).
9. Geologic-materials map, Talkeetna-Kashwitna area (Reger, R.D. & Carver, 1978a, AOF 107B).
9. Slope map, Talkeetna-Kashwitna area (Kline, 1978, AOF 107C).
9. Bedrock geology and coal, Talkeetna-Kashwitna area (McGee, 1978, AOF 107E).
9. Bouguer gravity map, Talkeetna-Kashwitna River area (Hackett, 1978a, AOF 107G).
9. Aeromagnetic map, Talkeetna-Kashwitna River area (Hackett, 1978b, AOF 107H).
9. Geologic interpretation, Bouguer gravity map, Talkeetna-Kashwitna area (Hackett, 1979a, AOF 107I).
9. Geologic interpretation, aeromagnetic map, Talkeetna-Kashwitna area (Hackett, 1979b, AOF 107J).
10. Geology, Nelchina Glacier deposit (Henning & Pessel, 1980, AOF 126).
10. Geologic map, parts of Anchorage C-1, 2; D-1, 2 (Pessel & others, 1981, AOF 121).
11. Provisional snow-avalanche potential [maps] (Davidson & Hackett, 1980, AOF 130).
12. Resonant-column testing, Bootlegger Cove Formation (Updike & others, 1982, GR 73).
12. Inclinator strain analyses, Anchorage landslides, 1965-1980 (Updike, 1983a, PR 80).
13. Resonant-column testing, Bootlegger Cove Formation (Updike & others, 1982, GR 73).
13. Inclinator strain analyses, Anchorage landslides, 1965-1980 (Updike, 1983a, PR 80).
14. Coal, Susitna lowland (Merritt & others, 1982, AOF 142).
14. Peat-resource inventory, south-central Alaska (Huck & Rawlinson, 1982, AOF 150).
15. Preliminary geologic map, parts of Anchorage C-2, 3; D-2, 3 (Burns & others, 1983, RI 83-10).

86 - Valdez Quadrangle

1. Geology and mineralization, Midas Mine and Sulphide Gulch areas (Rose, 1965b, GR 15).
2. Geochemistry, along Valdez to Chitina Highway (Jasper, 1967b, CH 15).
3. Geology, Spirit Mtn., nickel-copper prospect and surrounding area (Herreid, 1970b, GR 40).
4. Sodic amphibole-bearing rocks, Valdez C-2 (Metz, 1976, GR 51).

87 - McCarthy Quadrangle

1. Geology and geochemistry, White River area (Knaebel, 1970, CH 21).
2. Geologic and mineral review, Chitina and Bremner River basins (Henning & Dobey, 1973, AOF 25).

89 - Nunivak Island Quadrangle

1. Geology, Nunivak Wildlife Refuge, Clarence Rhode Range (Dobey & Hartman, 1973, AOF 33).

90 - Baird Inlet Quadrangle

1. Geology, Nunivak Wildlife Refuge, Clarence Rhode Range (Dobey & Hartman, 1973, AOF 33).

91 - Bethel Quadrangle

1. Geochemistry, Wood River - Tikchik Lakes area (Eakins, 1968, CH 17).
2. Geologic-data compilation, Bethel D-3 [map] (Decker & others, 1984b, RI 84-18).
3. Geologic-data compilation, Bethel D-2 [map] (Murphy & others, 1984, RI 84-28).

92 - Taylor Mountains Quadrangle

1. Geochemistry, Wood River - Tikchik Lakes area (Eakins, 1968, CH 17).
2. Gravity data, Holitna basin (Meyer & Krouskop, 1984, RI 84-25).

93 - Lake Clark Quadrangle

1. Geology and geochemistry, Kontrashibuna Lake, Lake Clark region (Eakins, 1970d, CH 20).
2. Bedrock geology and mineral-resource potential (Eakins & others, 1978, AOF 118).
3. Chilikadrotna Greenstone, central Lake Clark Quad. (Bundtzen & others, 1978, GR 61).
4. Portage Creek gold placers, Lake Clark (Bundtzen & Kline, 1979, AOF 120).
5. Gravity data, Holitna basin (Meyer & Krouskop, 1984, RI 84-25).

94 - Kenai Quadrangle

1. Stratigraphy, Kenai Group, upper Cook Inlet (Hartman & others, 1972, SR 5).
2. Stratigraphy, Kenai Group, Cook Inlet (Hartman & others, 1974, AOF 49).
3. Cook Inlet basin, subsurface-coal reserve (McGee & O'Connor, 1975b, AOF 74).
4. Regional gravity survey, Beluga basin and adjacent area (Hackett, 1976, AOF 100).
4. Gravity survey, Beluga basin and adjacent area (Hackett, 1977a, GR 49).
5. Potential petroleum reservoir, Kamishak-Iniskin-Tuxedni region (Lyle & Morehouse, 1977, AOF 104).
6. Photointerpretive map, surficial geology, S. Kenai lowlands (Reger, R.D., 1977, AOF 111A).
6. Photointerpretive map, geologic materials, S. Kenai lowlands (Reger, R.D. & Carver, 1977, AOF 111B).
6. Slope map, S. Kenai lowlands (Kline, 1977, AOF 111C).
7. Hydrologic data, water-table aquifer of N. Kenai (Howland & Freethe, 1978, AOF 112).
8. Surficial geology, Polly Creek to McArthur River (Riehle & Emmel, 1980, GR 64).
9. Lahars, Crescent River valley (Riehle & others, 1981, GR 53).
10. Archaeology, Clam Gulch site, Cook Inlet (Reger, D.R., 1983, AOF 172).

95 - Seward Quadrangle

1. Geologic and geochemical traverse, Nellie Juan River (Herreid, 1965a, GR 9).
2. Geology and mineral deposits, central Knight Island (Richter, 1965b, GR 16).
3. Geochemistry, along highway and secondary roads, south-central Alaska (Jasper, 1965b, CH 7).
3. Geochemistry, Willow Creek southerly to Kenai Lake region (Jasper, 1967a, CH 14).
3. Coal reserves, Beluga and Chuitna Rivers and Capps Glacier areas (McGee, 1973a, AOF 30).
3. Snow-avalanche paths, Seward Highway (March, 1981, AOF 128).
3. Slope map, part of Seward Highway corridor (March & Robertson, 1981, AOF 129).

3. Snow-avalanche atlas, Seward Highway (March & Robertson, 1982, PR 81).
4. Cook Inlet basin, subsurface-coal reserve (McGee & O'Connor, 1975b, AOF 74).
5. Provisional snow-avalanche potential [maps] (Davidson & Hackett, 1979a, AOF 131).
6. Surficial-geologic map, Seward D-6 (Combellick, 1984b, RI 84-15).
7. Surficial-geologic map, Seward D-7 (Combellick, 1984c, RI 84-22).

96 - Cordova Quadrangle

1. Geology and mineralization, Midas Mine and Sulphide Gulch areas (Rose, 1965b, GR 15).
2. Photointerpretive map, surficial geology, Rude River to Valdez Arm (Riehle, 1978, AOF 115).

98 - Mount Saint Elias Quadrangle

1. Gulf of Alaska petroleum seeps (McGee, 1973c, AOF 32).
1. Stratigraphy, Gulf of Alaska Tertiary Province (Lyle & Palmer, 1976, AOF 93).

101 - Goodnews Quadrangle

1. Geochemistry, Wood River - Tikchik Lakes area (Eakins, 1968, CH 17).

102 - Dillingham Quadrangle

1. Geochemistry, Wood River - Tikchik Lakes area (Eakins, 1968, CH 17).
2. Peat-resource map, SW. Dillingham A-7 (Rawlinson & others, 1982n, AOF 151).

103 - Iliamna Quadrangle

1. Geology, Paint River area (Richter & Herreid, 1965, GR 8).
2. Zeolite deposits, economic significance, N. Alaska Peninsula (Madonna, 1975, AOF 87).
3. Geologic map, S. Augustine Island (Buffler, 1976, AOF 96).
4. Clinoptilolite and mordenite deposits, Iliamna Lake (Madonna, 1982, GR 73).

104 - Seldovia Quadrangle

1. Cook Inlet basin, subsurface-coal reserve (McGee & O'Connor, 1975b, AOF 74).
2. Photointerpretive map, coastal surficial geology, Fox River to English Bay (Riehle, 1977, AOF 110).
3. Photointerpretative map, surficial geology, S. Kenai lowlands (Reger, R.D., 1977, AOF 111A).
3. Photointerpretive map, geologic materials, S. Kenai lowlands (Reger, R.D. & Carver, 1977, AOF 111B).
3. Slope map, S. Kenai lowlands (Kline, 1977, AOF 111C).
4. Bluff Point landslide, Homer (Reger, R.D., 1978, GR 61).

108 - Yakutat Quadrangle

1. Geology, Variegated Glacier, St. Elias Mts. (Frost, 1976, GR 51).

109 - Skagway Quadrangle

1. Geochemistry, selected areas, SE. Alaska, 1964 and 1965 (Herbert & Race, 1965, CH 6).
2. Photointerpretive map, surficial geology, Skagway B-1 (March, 1982a, AOF 159).
3. Photointerpretive map, surficial geology, Skagway B-2 (March, 1982b, AOF 161).
3. Geology and geochemistry, Skagway B-2 [maps] (Redman & others, 1984, RI 84-31).

4. Photointerpretive map, surficial geology, Skagway A-1 (March, 1983, RI 83-14).

111 - Mount Fairweather Quadrangle

1. Geology, Glacier Bay Natl. Monument (McGee, 1974, AOF 47).

112 - Juneau Quadrangle

1. Geochemistry, selected areas, SE. Alaska, 1964 and 1965 (Herbert & Race, 1965, CH 6).
2. Geology and geochemistry, Admiralty Island (Race & Rose, 1967, CH 8).
3. Provisional snow-avalanche potential [maps] (Davidson & Hackett, 1979b, AOF 132).
4. Unconformity with associated conglomeratic sediments, Berners Bay (Redman, 1984, PR 86).

114 - Sitka Quadrangle

1. Geochemistry, selected areas, SE. Alaska (Herbert & Race, 1964, CH 1).
2. Geology and geochemistry, Admiralty Island (Race & Rose, 1967, CH 8).
3. Geochemical signature, Goon Dip Greenstone, Chicagof Island (Decker, 1982, GR 73).

115 - Sumdum Quadrangle

1. Geologic mapping, Coast Range mineral belt (Herreid, 1962, GR 1).
2. Geochemistry, selected areas, SE. Alaska (Herbert & Race, 1964, CH 1).
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