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INFORMATION CIRCULAR 23
ALASKA
DIVISION OF GEOLOGICAL &
GEOPHYSICAL SURVEYS
STATE OF ALASKA
Department of Natural Resources
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

According to Alaska Statute 41, the Alaska Division of Geological and Geophysical Surveys is charged with conducting "geological and geophysical surveys to determine the potential of Alaska lands for production of metals, minerals, fuels, and geothermal resources; the locations and supplies of ground water and construction materials; the potential geologic and seismic hazards to buildings, roads, bridges, and other installations and structures; and shall conduct other surveys and investigations as will advance knowledge of the geology of Alaska."

In addition, the Division shall collect, evaluate, and publish data on the underground, surface, and coastal waters of the state. It shall also acquire, process, and file data from well-drilling logs.

DGGS performs numerous functions, all under the direction of the State Geologist—resource investigations (including mineral, petroleum, geothermal, and water), geologic-hazard and geochemical investigations, and information services.

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Cover: DGGS geologist examines bedrock exposure along Kachemak River west of Prudhoe Bay. Photograph by R.A. Combellick, August 1984.
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- 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 Superseded by RIs in 1983.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 Circulants (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**


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. [112-5]


Decker, John, and Dillon, J.T., compilers, 1982a, AEROMAGNETIC MAP OF THE SURVEY PASS QUADRANGLE: DGGS Open-file report 175, scale 1:250,000, 1 sheet. $1. [2]

1 Geologic Reports 63-71 cost $6 each. The set of six reports costs $30.

Decker, J.T., and Dillon, J.T., compilers, 1982c, AEROMAGNETIC MAP OF THE NORTHERN PORTION OF THE SHUNGnak QUADRANGLE: DGGS Open-file Report 117, scale 1:250,000, 1 sheet. $1.2


Decker, J.T., and Dillon, J.T., compilers, 1982e, AEROMAGNETIC MAP OF THE BETTLES QUADRANGLE: DGGS Open-file Report 179, scale 1:250,000, 1 sheet. $1.2


--- 1984b, COMPILATION OF GEOLOGIC DATA FROM THE BETHEL D-3 QUADRANGLE: DGGS Report of Investigations 84-18, scale 1:63,360, 1 sheet. $2.91-2]


Redman, Earl, 1984, AN UNCONFORMITY WITH ASSOCIATED CONGLOMERATIC SEDIMENTS IN THE BERNERS BAY AREA OF SOUTHEAST ALASKA, in Short Notes on Alaskan Geology, 1982-83: DGGS Professional Report 86, p. 1-4. $2.50. [1124]


--- 1978d, GEOLOGY AND GEOLOGIC-MATERIALS MAPS OF ANCHORAGE C-6 SE QUADRANGLE: DGGS Geologic Report 65, scale 1:25,000, 2 sheets. $5. [85-2]

--- 1981a, GEOLOGY AND GEOLOGIC-MATERIALS MAPS OF ANCHORAGE C-8 SW QUADRANGLE, ALASKA: DGGS Geologic Report 68, scale 1:25,000, 2 sheets. [85-2]

--- 1981b, GEOLOGY AND GEOLOGIC-MATERIALS MAPS OF ANCHORAGE C-8 NW QUADRANGLE, ALASKA: DGGS Geologic Report 69, scale 1:25,000, 2 sheets. $5. [85-2]

--- 1981c, GEOLOGY AND GEOLOGIC-MATERIALS MAPS OF ANCHORAGE B-8 NE QUADRANGLE: DGGS Geologic Report 70, scale 1:25,000, 5 sheets. [85-2]

--- 1981d, GEOLOGY AND GEOLOGIC-MATERIALS MAPS OF ANCHORAGE B-8 NW QUADRANGLE: DGGS Geologic Report 70, scale 1:25,000, 5 sheets. [85-2]


--- 1965b, GEOLOGY AND MINERAL DEPOSITS OF CENTRAL KNIGHT ISLAND, PRINCE WILLIAM SOUND: DGGS Geologic Report 10, 37 p., scale 1:42,000, 1 sheet. OUT OF PRINT. [95-2]


—. 1981, GEOLOGY OF THE CLEARWATER MOUNTAINS, SOUTH-CENTRAL ALASKA: DGGS Geologic Report 60. 72 p., scale 1:63,360, 3 sheets. $7.50. [67-2]


—. 1973a, AEROMAGNETIC MAP, SOUTHWEST SELAWIK QUADRANGLE: DGGS Open-file Report 1, scale 1:250,000, 1 sheet. $2.6

—. 1973b, AEROMAGNETIC MAP, SOUTHEAST TELLER QUADRANGLE: DGGS Open-file Report 2, scale 1:250,000, 1 sheet. $2.6

—. 1973c, AEROMAGNETIC MAP, BENDELEBEN QUADRANGLE: DGGS Open-file Report 3, scale 1:250,000, 1 sheet. $2.6

—. 1973d, AEROMAGNETIC MAP, WEST HALF OF CANDLE QUADRANGLE: DGGS Open-file Report 4, scale 1:250,000, 1 sheet. $2.6

—. 1973e, AEROMAGNETIC MAP, NORTHEAST NOME QUADRANGLE: DGGS Open-file Report 5, scale 1:250,000, 1 sheet. $2.6

6See Information Circular 20, 'State of Alaska aeromagnetic surveys.'
Staff, 1973f, AEROMAGNETIC MAP, NORTHERN SOLOMON QUADRANGLE: DGGS Open-file Report 6, scale: 1:250,000, 1 sheet. $2.

1973g, AEROMAGNETIC MAP, NORTHWEST NORTON BAY QUADRANGLE: DGGS Open-file Report 7, scale: 1:250,000, 1 sheet. $2.


1973m, AEROMAGNETIC MAP, NABESNA QUADRANGLE: DGGS Open-file Report 13, scale: 1:250,000, 1 sheet. $2.


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2. Two Holocene maar, central Alaska Range (Albanese, 1982d, GR 73).
2. Uranium mineralization, Nenana coal field (Dickson, 1982, GR 73).
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