

**ALASKA STATE DIVISION OF GEOLOGICAL AND  
GEOPHYSICAL SURVEYS**

DGGS has complete files of 1:250,000-scale USGS topographical maps available for reference—not sale—at its offices (p. i).

Over the years, the Alaska DGGS has also published a host of geologic maps on Alaska. These, too, are too numerous to list here. The geologic maps and reports that DGGS has released are listed in several free booklets:

.Information Circular 11A, 'List of formal reports issued by the Alaska DGGS'

.Information Circular 11B, 'List of informal reports issued by the Alaska DGGS'

.Information Circular 23, 'Index map of DGGS publications'

.Information Circular 27, 'List of DGGS reports by region and quadrangle.'

In addition, DGGS publishes a series of maps that contain the complete mining history of mining-claim activity in Alaska, quadrangle by quadrangle. The 1:250,000-scale blackline maps contain either mining-claim or mineral-occurrence locations—active or inactive—from 1900 to the present. The maps, which cover the most popular mining areas in the state, sell for \$2 each at any DGGS office (p. i).

**DGGS offices are located:**

3601 C St (10th fl.)  
Pouch 7-005  
Anchorage, 99510

P.O. Box 7438  
State Office Bldg.  
Ketchikan, 99901

794 University Ave.  
(Basement)  
Fairbanks, 99701

230 So. Franklin  
(4th fl.)  
Juneau, 99801

P.O. Box 772116  
Eagle River, 99577

**Information Circular 16  
ALASKA MAP INFORMATION**

*Revised Jan. 31, 1984*



**DIVISION OF GEOLOGICAL AND  
GEOPHYSICAL SURVEYS**



**STATE OF ALASKA**

**Bill Sheffield, Governor**  
**Esther C. Wunnicke, Commissioner,**  
*Dept. of Natural Resources*  
**Ross G. Schaff, State Geologist**

 Alaska Department of  
**NATURAL  
RESOURCES**

# ALASKA MAP INFORMATION

## U.S. GEOLOGICAL SURVEY<sup>1</sup>

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 waters and construction materials; the potential geologic 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.

Administrative functions are performed under the direction of the State Geologist, who maintains his office in Anchorage (ph. 276-2653). Other DGGS offices are at:

794 University Ave.                   .3601 C St (10th fl.)  
(Basement)                         Pouch 7-005  
Fairbanks, 99701                   Anchorage, 99510  
(907) 474-7147                       (907) 786-2205

230 So. Franklin                   .P.O. Box 7438  
(4th floor)                         State Office Bldg.  
Juneau, 99801                       Ketchikan, 99901  
(907) 465-3400, Ext. 39             (907) 225-4181

P.O. Box 772116  
Eagle River, 99577  
(907) 688-3555

Over: DGGS cartographer applies symbols for strikes and dips, faults, and contacts to geologic map.

The U.S. Geological Survey publishes most of the detailed topographic maps of Alaska. The USGS topographic-map series consists of 153 separate quadrangles at a scale of 1:250,000 (1 inch equals about 4 miles). These completely cover the state.

Large parts of Alaska have also been mapped at a 1:63,360 scale (1 inch equals 1 mile). These maps give much better detail and are generally more useful, but 24 or 32 of them are required to cover the same area as one of the quadrangle maps, above. Free indexes of these maps can be obtained from the USGS distribution offices (p. 2).

The USGS also has two wall maps of the entire state. Map B measures 4-1/2 by 6-1/2 feet and is printed in halves. The map, which is scaled 1 inch equals 25 miles, is available either with or without contours. Map E, which comes in two editions—shaded relief and plain—is 3 by 4 feet and has a scale of 1 inch equals 40 miles. Smaller maps of the state are also available.

The USGS is publishing a series of metric topographic maps of the Anchorage area at a scale of 1:25,000. Several maps are now available.

For those interested in the locations of minerals, prospects, or placer-mining areas, the USGS publishes various categories of geologic maps, many of which pertain to Alaska. For example, the MR series (Mineral Investigation Resource Maps) has the following maps on Alaska:

- MR 32. Lode gold and silver occurrences in Alaska
- MR 40. Iron occurrences in Alaska
- MR 41. Industrial minerals and construction materials occurrences in Alaska
- MR 52. Antimony occurrences in Alaska
- MR 53. Bismuth occurrences in Alaska
- MR 54. Mercury occurrences in Alaska
- MR 56. Uranium, thorium, and rare-earth elements in Alaska

<sup>1</sup> Because of fluctuating map prices, the USGS has requested that map costs not be printed in this circular.

- MR 59. Molybdenum occurrences in Alaska
- MR 61. Cobalt occurrences in Alaska
- MR 62. Copper occurrences in Alaska
- MR 63. Nickel occurrences in Alaska
- MR 64. Occurrences of platinum-group metals in Alaska
- MR 65. Tin occurrences in Alaska
- MR 66. Tungsten occurrences in Alaska
- MR 67. Zinc occurrences in Alaska
- MR 68. Chromite occurrences in Alaska
- MR 69. Lead occurrences in Alaska

In addition, the USGS publishes Geologic Quadrangle (GQ) Maps, Geophysical Investigations (GI) Maps, Hydrologic Investigations (HA) Atlases, and a host of Miscellaneous Field Studies (MF) Maps. For a complete list, request the USGS 'List of Geological Survey and Geologic and Water-supply Reports and Maps for Alaska' (77 p., August 1980; free).

USGS distribution offices are at:

USGS Branch of Distribution  
Box 25286  
Denver Federal Center  
Denver, CO 80225

Alaska Distribution  
U.S. Geological Survey  
Federal Bldg - Box 12  
101 - 12th Avenue  
Fairbanks, AK 99701

Alaska maps may also be purchased over the counter at:

Public Inquiries Office  
U.S. Geological Survey  
508 W. 2nd Ave.  
Anchorage, AK 99501

For further information, a booklet on where USGS information is available is free from the USGS. Circular 777, 'A guide to obtaining information from the USGS - 1980,' may be obtained from:

USGS Branch of Distribution  
1200 So. Eads St.  
Arlington, VA 22202