



DEPARTMENT OF THE INTERIOR
INFORMATION SERVICE

GEOLOGICAL SURVEY

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TWO NEW MAPS OF AREAS IN ALASKA RELEASED

Two maps, one entitled "Geologic map of the Mt. McKinley quadrangle Alaska," and the other entitled "Structural patterns of Seward B-2 quadrangle, Alaska" have been released to open file by the Geological Survey, Secretary of the Interior Douglas McKay announced today.

The Mt. McKinley quadrangle covers approximately 6,400 square miles on the north flank of the Alaska Range and includes Mt. McKinley, highest peak in North America. This map, on a scale of 1:250,000, is the first in a new group of geologic quadrangle maps being compiled by the Alaskan Geology Branch of the Geological Survey. The map was compiled by John C. Reed, Jr. and incorporates field data collected by members of the Survey over a period of more than 50 years. Extensive use was made of aerial photographs in interpretation of the geology of area which have not been visited in the field. Approximately 2 months were spent in the summer of 1954 in field checking, using Geological Survey helicopter to reach the more remote areas. Twenty-six geologic units ranging in age from pre-Cambrian to Pleistocene have been distinguished and five groups of glacial deposits have been recognized. This map will assist in the search for mineral deposits and engineering materials as well as being of interest to visitors to Mt. McKinley National Park.

The map of the Seward B-2 quadrangle by W. H. Condon in the vicinity of Prince William Sound, depicts, on a scale of 1:63,360, the structural patterns as interpreted from aerial photographs and shows locations of known mineral deposits. The study was undertaken in an effort to relate those structural features visible on aerial photographs to mineral deposits, particularly copper deposits. Information concerning deposits of copper were taken from early publications of the Geological Survey.

These maps are on file in the Geological Survey office in Room 2650, Department of the Interior Building, Washington 25, D. C.

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