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DEPARTMENT OF THE INTERIOR  
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OCT 29 1954

Alaskan Geol. Br.  
Washington

GEOLOGICAL SURVEY

Chief, Alaskan Geology Branch  
U.S. Geological Survey  
Room 4224, GSA Bldg.  
D-0

For Release to PM's, OCTOBER 29, 1954

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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# Office Memorandum • UNITED STATES GOVERNMENT

TO : G. Donald Eberlein, Alaskan Geology Branch, Menlo Park, California      DATE: March 13, 1959

FROM : George M. Flint, Jr., Alaskan Geology Branch, Washington, D. C.

SUBJECT: Mt. McKinley film positive

Under separate cover by registered air mail is being sent a film positive of the Mt. McKinley open file report as mentioned to you by George Gates over the telephone. Photogeology has one print from this film positive on file here.

*GMF*

George M. Flint, Jr.

RECEIVED  
MAR 16 1959  
ALASKAN GEOL. BRANCH  
MENLO PARK

*Negative used  
Film positive being made by B65  
3/17/59 ER*

A. E. Weissenborn, Mineral Deposits Branch,  
USGS, No. 157 Howard St., Spokane, Washington

April 3, 1959

Acting Chief, Alaskan Geology Branch, USGS, Menlo Park, Calif.

Geologic map of Mt. McKinley quadrangle, Alaska

Enclosed is a blue-line ozalid print of subject map, the colored original of which is on file as indicated in the accompanying gang P.H. Because of a recent request for a print of this map, we have obtained a film positive and are now prepared to supply duplicate ozalid prints to interested parties at their expense through the facilities of a local reproduction firm. Although the quality of the copy leaves much to be desired, it should suffice to give the reader an idea of the kind of information represented and enable him to decide whether it will be worth his efforts to study the original in Washington, D. C.

The map is actually part of a Bulletin which was approved for publication by the Director on March 5, 1959. It therefore will probably at least be a matter of months before it hits the streets and perhaps a year would be a better guess.

G. Donald Herlein  
Acting Chief  
Alaskan Geology Branch

cc: Flint  
File (Tech)  
Reading

TECH. DATA UNIT  
APR 6 1959

Alaskan Geology Branch  
Box 4004  
College, Alaska

June 3, 1960

Mr. Jim Reid  
Park Naturalist  
National Park Service  
McKinley National Park  
McKinley, Alaska

Dear Jim:

On January 8, 1960, we mailed to you our Jack Reed map. We did not request that this map be returned, but this was our intention. Perhaps this has been overlooked in your office too. We use this map often for reference and would appreciate its return.

Sincerely yours,

Troy L. Pfof  
Geologist-in-Charge  
College Office

cc: Eberlein  
Director's RF  
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JUN 9 1960

ALASKA GEOLOGICAL SURVEY  
MENLO PARK

Troy L. Fové, Alaskan Geology Branch, USGS,  
College, Alaska

June 10, 1960

G. Donald Eberlein, Alaskan Geology Branch, USGS, Menlo Park, Calif.

Mt. McKinley quadrangle map for Jim Reid; ref. your letter of  
June 3

We have an extra uncolored copy of Jack Reed's map in our file  
that can be sent to College to replace the one you mailed to  
the Park Service. I recommend, therefore, that you contact Mr.  
Reid and advise him to keep the copy he has. Our extra copy is  
being airmailed to you under separate cover.

G. Donald Eberlein  
Chief  
Alaskan Geology Branch

cc: Directors reading file

(Tech)

Reading

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JUN 13 1960