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E7.4-10117

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EIGHTH BI-MONTHLY PROGRESS REPORT
UNIVERSITY OF ALASKA
ERTS PROJECT 110-11
December 2, 1973

A. TITLE OF INVESTIGATION: ERTS-A Data as a Teaching and Research
Tool in the Department of Geology

B. PRINCIPAL INVESTIGATOR: Donald Grybeck UN 602

C. PROBLEMS IMPEDING INVESTIGATION: None

D. PROGRESS REPORT:

(a) Accomplishments during reporting period: The ERTS-A material continues to be used extensively in teaching Geology courses on both the graduate and undergraduate level. In particular, this semester it is being used in a term project in the graduate "Geology of Alaska" course to test its applicability to:

- (1) shows elements of geology already defined on existing geologic mapping in Alaska
- (2) define structural and petrologic elements not previously mapped

Color mosaics of selected portions of the state are being used as the base to plot this geology, however black and white prints are also used in conjunction with them to insure collection of as much information as possible.

The preparation of the mosaic of Alaska is now underway again. A "mock-up" of all available material is now being prepared on 1:1,000,000 maps to test the coverage and to insure that the best prints are used.

About 100 new 35mm slides of ERTS-A prints in both black and white and color were added to the collection.

(b) Plans for next reporting period: The flood of prints which is now arriving from the last data request covering the Summer of 1973 are being filed and plotted.

The preparation of the ERTS mosaic will also continue and should be in its final stages of completion at the end of the next reporting period.

And the ERTS material will continue to be used by faculty in teaching and research, by graduate students and undergraduates and by the public.

(E74-10117) ERTS-A DATA AS A TEACHING
AND RESEARCH TOOL IN THE DEPARTMENT OF
GEOLOGY Bi-monthly Progress Report
(Alaska Univ., Fairbanks,) 2 p HC \$3.00
N74-13044
Unclas
CSCL 086 G3/13 00117

- E. SIGNIFICANT RESULTS: None
- F. PUBLICATIONS: None
- G. RECOMMENDATIONS: None
- H. REVISED STANDING ORDERS: None (and Standing Order terminated
30 June, 1973)
- I. ERTS IMAGE DESCRIPTOR FORM: None
- J. DATA REQUESTS: None - and no more contemplated for this
project.