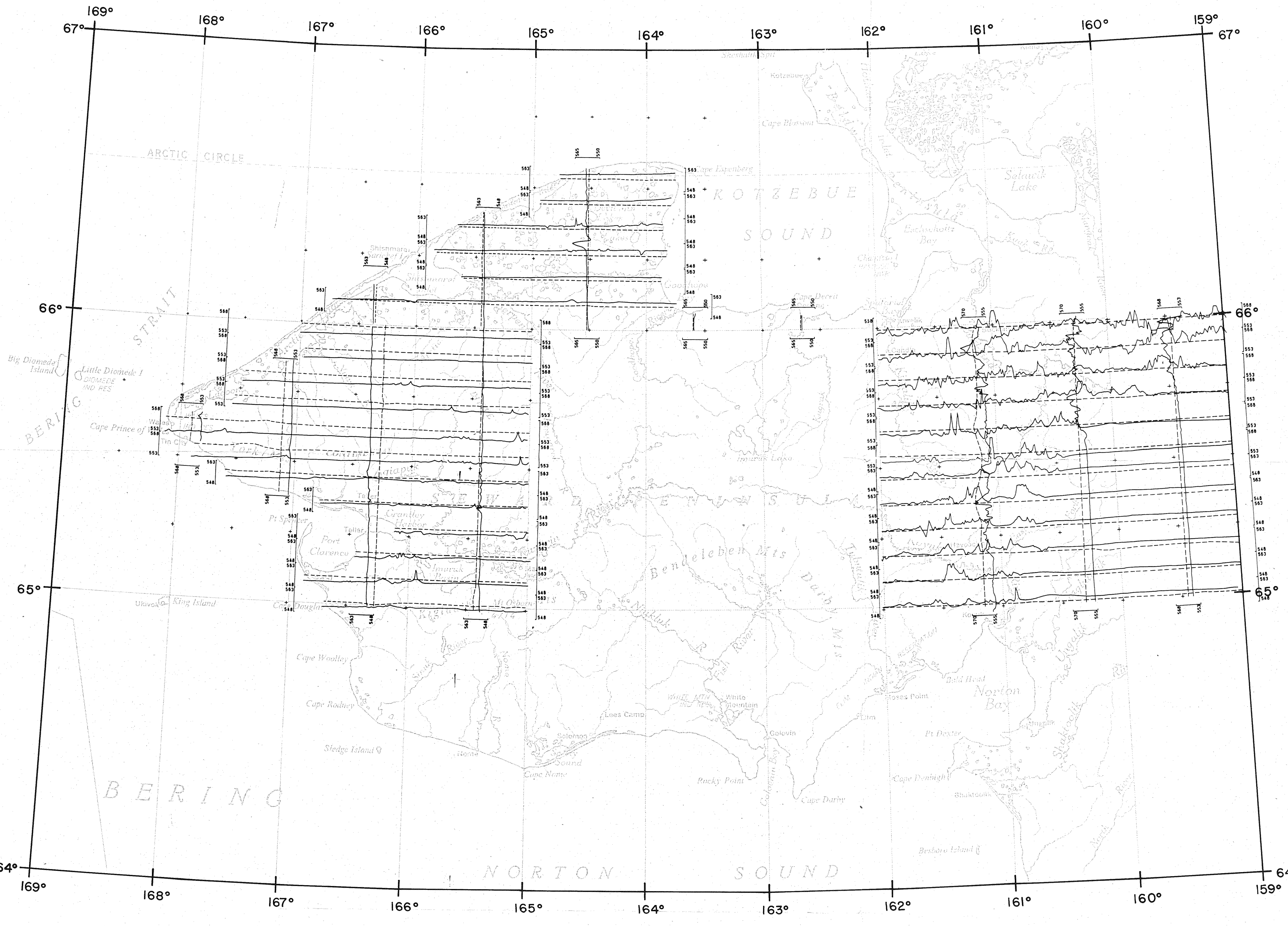
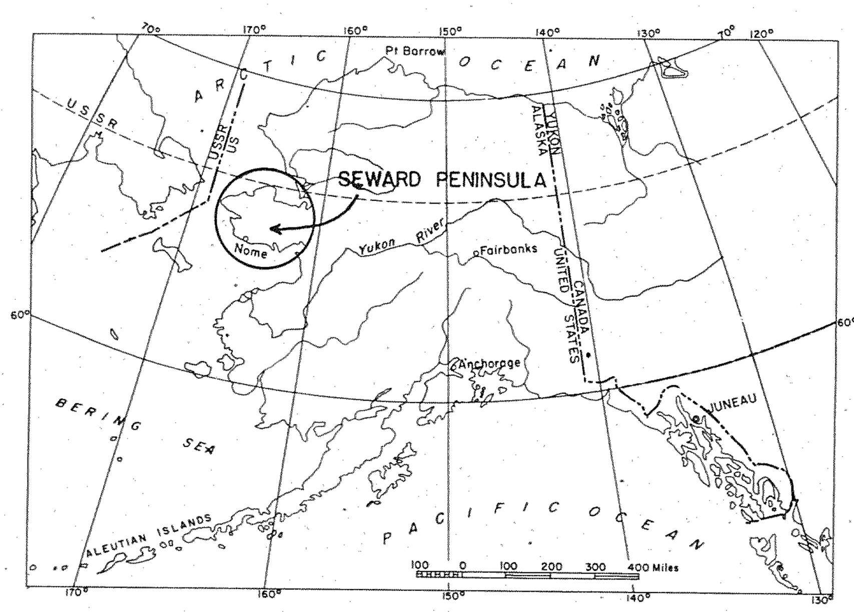
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN FILE REPORT
77-796F





LOCATION OF SEWARD PENINSULA, ALASKA

SCALE 1:1 000 000

25 0 25 50 75 100 MILES

25 0 25 50 75 100 KILOMETERS

AEROMAGNETIC PROFILES OF SEWARD PENINSULA, ALASKA

compiled by

John Decker and Susan Karl

1977

SOURCES AND EXPLANATION OF DATA

Texas Instruments, Inc., 1975, Airborne geophysical survey--Copper River and Seward-Selawik areas, Alaska: U.S. Energy Research and Development Administration report GTO-1653, scale 1:500,000.

Profile amplitude: 1/4 inch = 1000 gammas, index numbers are hundreds of gammas.
Datum: total intensity profiles, not reduced to a common datum.
Flight line spacing and direction: 6.25 miles east-west with 25 mile north-south tie lines.
Flight elevation: normalized to 400 feet above ground level.
Type of magnetometer: G-803 proton.
Year flown: 1975.

MAP SYMBOLS

Magnetic profile (solid line) and aircraft flight line (dashed line).

568
553
Profile index with magnetic anomaly values in gammas x 100.

ACKNOWLEDGMENTS

This map was compiled under the direction of J.E. Case and Andrew Griscom, U.S. Geological Survey.

Base map from the National Atlas of the United States of America, U.S. Geological Survey, 1970.

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.