DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
NATIONAL SCIENCE FOUNDATION

GEOPHYSICAL INVESTIGATIONS
MAP GP-890 (SHEET 2 OF 2)

EXPLANATION

43

MAGNETIC PROFILE – Showing total intensity magnetic field of the earth in gammas relative to arbitrary datum specific to this sheet superimposed on respective flight path line. Regional field is not removed. Number corresponds to respective flight path

GEOGRAPHIC CONTROL POINT

44

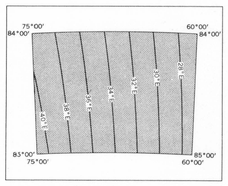
NUMBERED FLIGHT PATH

GAMMAS
100
50
0

VERTICAL SCALE FOR MAGNETIC PROFILES

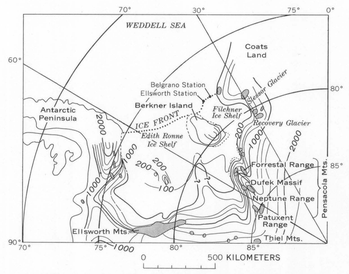
Mean declination 20° E
Mean inclination 70°
Mean total intensity 54,000 gammas

COMPILATION DIAGRAM

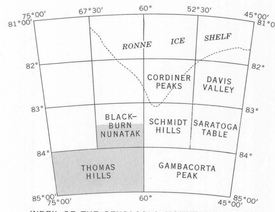


Photogrammetric compilation

Isogonic lines compiled from U.S.N.O.O. Chart 1706 S, 1965

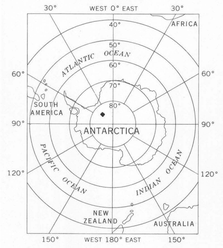


INDEX MAP OF THE PENSACOLA MOUNTAINS REGION SHOWING SNOW SURFACE ELEVATION. CONTOUR INTERVAL 200 METERS; 100 METER CONTOURS SHOWN ON ICE SHELF. SHADED AREA IS EXPOSED BEDROCK

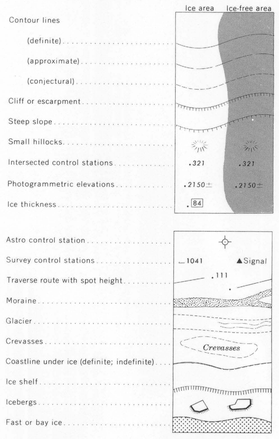


INDEX OF THE PENSACOLA MOUNTAINS REGION SHOWING MAP AREA (SHADED), RONNE ICE SHELF, AND PUBLISHED TOPOGRAPHIC QUADRANGLES

LOCATION DIAGRAM



TOPOGRAPHIC MAP LEGEND



SCALE 1:250 000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles

Polar Stereographic Projection—Standard Parallel 80°14'
CONTOUR INTERVAL 200 METERS—DATUM IS MEAN SEA LEVEL

Base from U.S. Geological Survey, 1964

Aeromagnetic survey flown at a constant barometric elevation of 2,100 meters above sea level, 1965
Aircraft support by U.S. Navy

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1973—G72479

AEROMAGNETIC PROFILES OF THE THOMAS HILLS QUADRANGLE AND PART OF THE BLACKBURN NUNATAK QUADRANGLE, ANTARCTICA

By
John C. Behrendt and John R. Henderson

1973

Explanatory pamphlet accompanies map