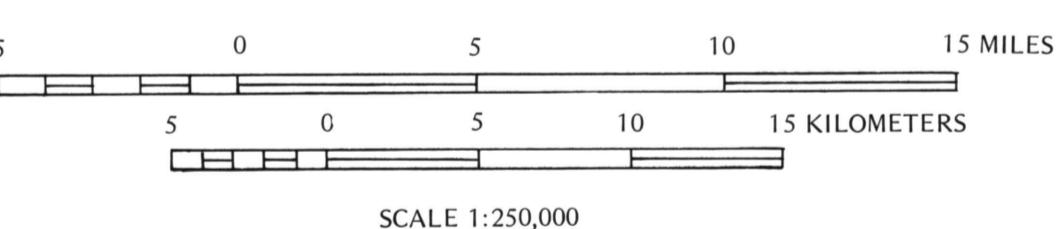
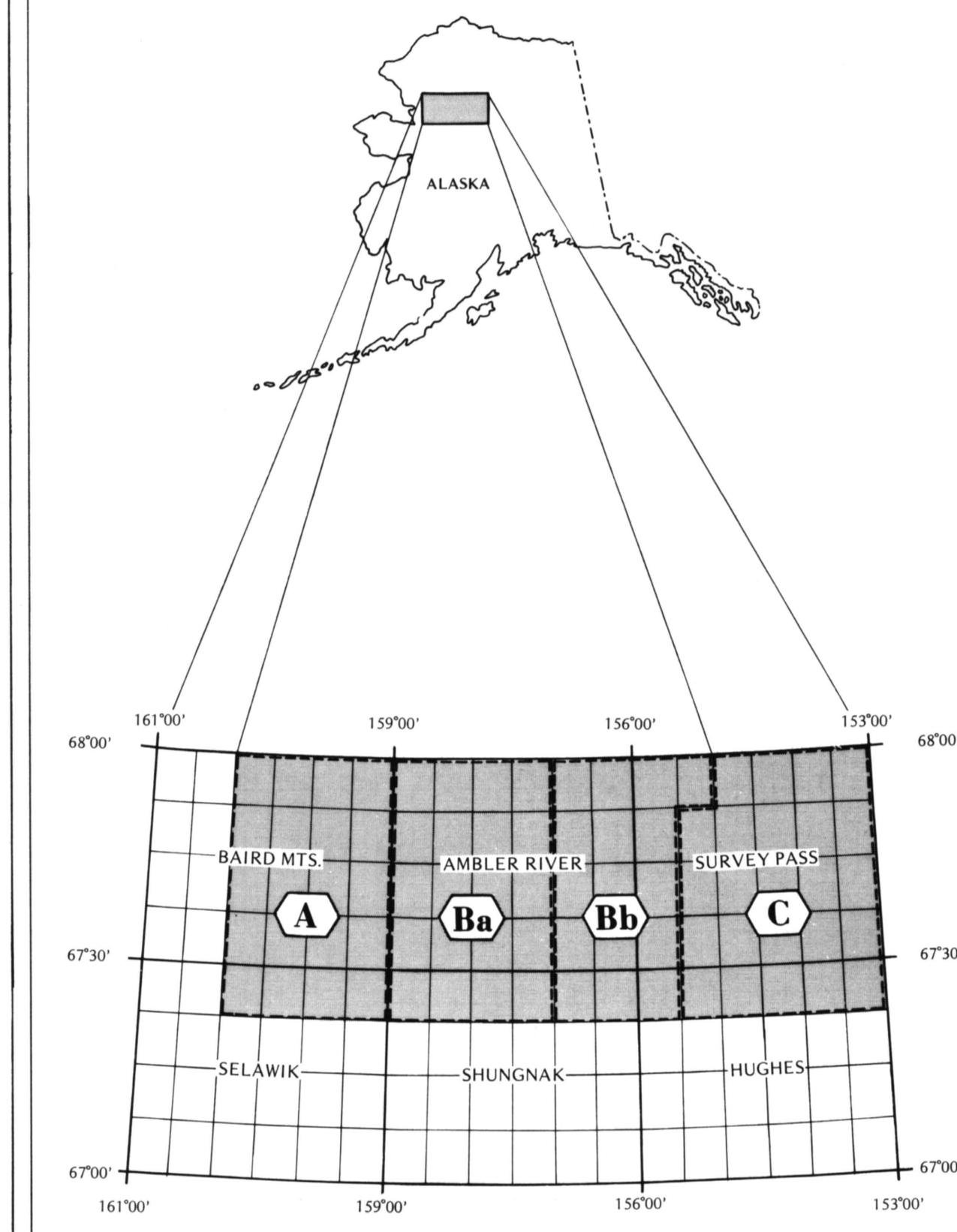


EXPLANATION Magnetic Contours

Showing total intensity magnetic anomalies of the earth's field in gammas relative to a common datum. Main magnetic field of the earth has been removed using the 1965 IGRF updated to 1973, 1974, and 1975. Magnetic highs and lows that define contour closures are labeled. Hachures indicate closed areas of lower magnetic intensity. Contour intervals 10 and 50 gammas.



SOURCES OF DATA

Aeromagnetic data for areas shaded on index map are from the Alaska Division of Geological and Geophysical Surveys 1:63,360-scale aeromagnetic maps:

Ambler River	A1-A6, B1-B6, C1-C6, D1-D6 quadrangles
Baird Mts.	A1-A4, B1-B4, C1-C4, D1-D4 quadrangles
Hughes	D1-D6 quadrangles
Selawik	D1-D6 quadrangles
Shungnak	D1-D6 quadrangles
Survey Pass	A1-A6, B1-B6, C1-C6, D1-D6 quadrangles

Total intensity aeromagnetic surveys by Geometrics for the State of Alaska Division of Geological and Geophysical Surveys with flight elevation, spacing, direction, date, flow; contour interval, datum, magnetic declination and magnetic inclination; regional magnetic trend information listed below:

- A. 1,000 feet above ground level, 1-mile spacing, N-S, 1973; 10.0 gammas, 56,117.9 and 55,915.1 gammas, 22°34'E and 20°34'E, 76°35'N and 76°15'N; 3.74 gammas/mile north - 1.89 gammas/mile east, and 4.07 gammas/mile north - 2.03 gammas/mile east were removed using the 1965 IGRF updated to 1973-74.
- B. 1,000 feet above ground level, 1-mile spacing, N-S, 1974-75; 10.0 gammas, 56,379.7 and 56,117.9 gammas, 22°58'E and 22°34'E, 77°19'N and 76°35'N; 3.45 gammas/mile north - 2.25 gammas/mile east, and 3.78 gammas/mile north - 2.40 gammas/mile east were removed using the 1965 IGRF updated to 1974.
- C. 1,000 feet above ground level, 0.75- and 1.0-mile spacing, N-S, 1975; 10.0 gammas, 56,591.6 and 56,350.9 gammas, 24°55'E and 24°29'E, 77°40'N and 76°57'N; 3.15 gammas/mile north - 2.84 gammas/mile east, and 3.47 gammas/mile north - 3.01 gammas/mile east were removed using the 1965 IGRF updated to 1974 and 1975.