

# Alaska

Beaufort Sea Ice Survey

## Survey Size:

**8 profiles, 386 gravity stations acquired by helicopter using inertial surveying; 352 stations on the Beaufort Sea ice, 34 stations on land**

## Data Spacing:

**Data were acquired at 3-mile intervals along 8 profiles; spacing between profiles varies from 20 to 70 miles**

## Complete Bouguer Corrections:

**Three-dimensional Bouguer correction applied**

## Data Provided:

- **Magnetic tape and computer printout containing all principal survey facts including: station number, date surveyed, latitude, longitude, UTM X-coordinate, UTM Y-coordinate, elevation, 3-D Bouguer correction, station gravity, free-air gravity and Bouguer gravity calculated for three densities**
- **Station location map, hand-contoured Bouguer map of profile data and computer-contoured Bouguer map including 100 stations of public data (Map Scale; 1:500,000)**
- **Reports describing data acquisition and reduction**
- **Gravity data are tied to the Worldwide Defense Mapping Agency base station gravity network.**

## Total Cost

**Please contact for quote**