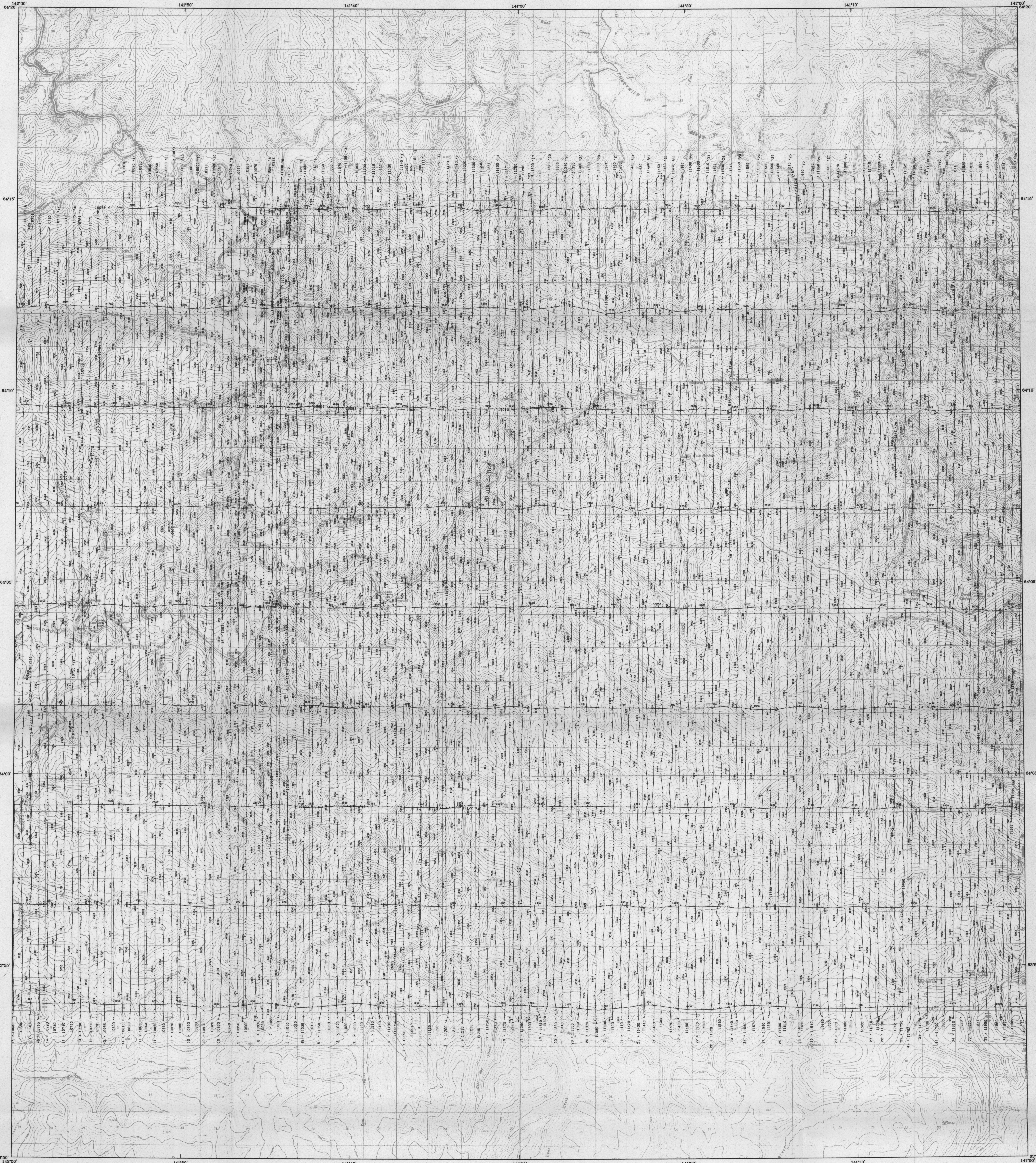
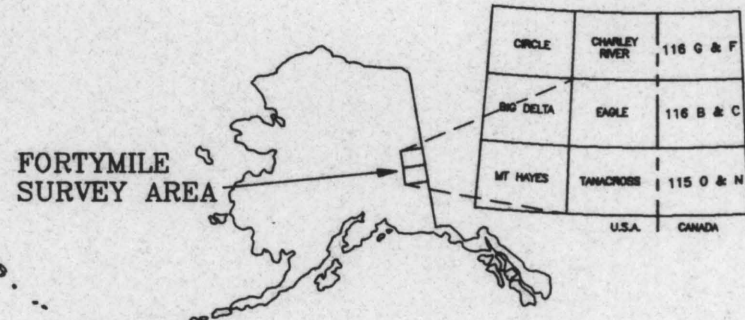




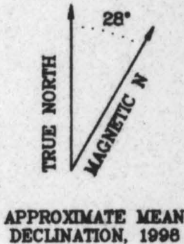
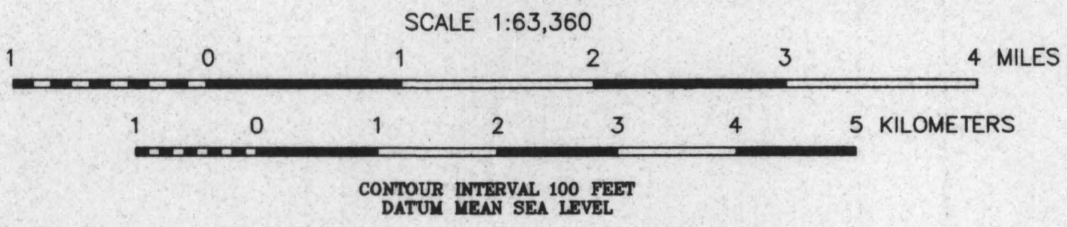
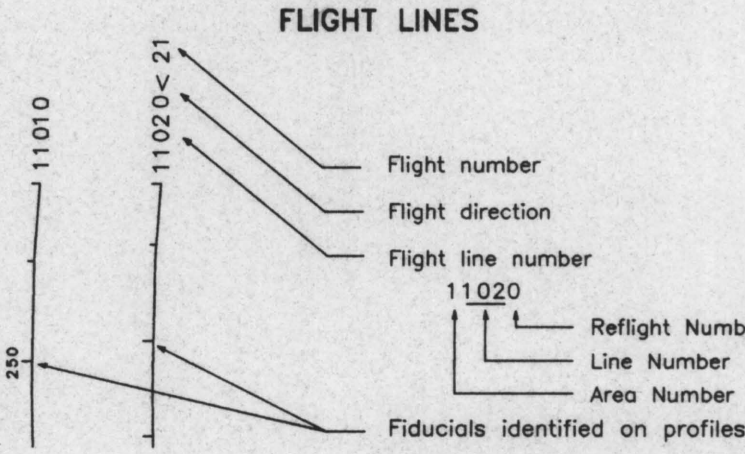
Base from U.S. Geological Survey Maps A-1, 1956; A-2, 1956; B-1, 1956; B-2, 1956; Tanacross D-1, 1956; D-2, 1956; Quadrangles, Alaska.



DESCRIPTIVE NOTES

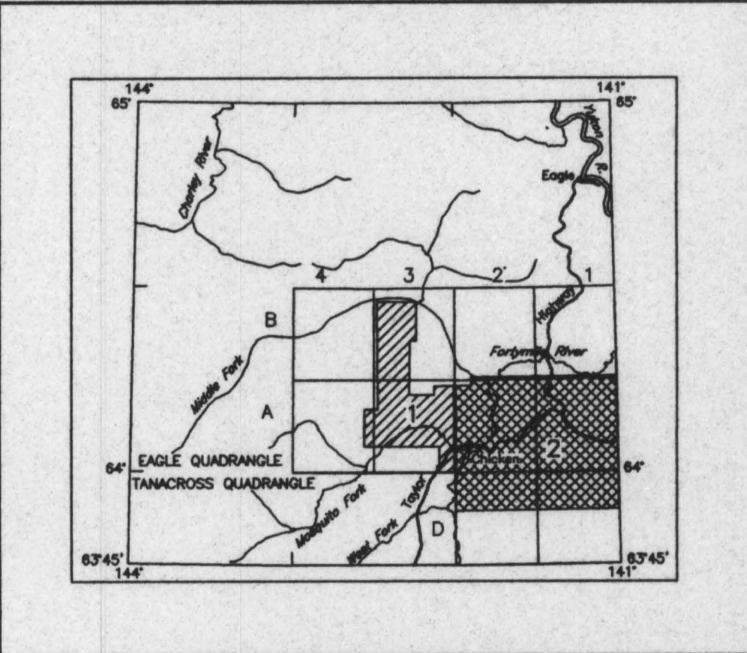
The geophysical data were acquired with a DIGHEM[®] Electromagnetic (EM) system and a Saintrix cesium magnetometer. Both were flown at a height of 100 feet. A Herz VLF system was flown at a height of 130 feet. In addition the survey recorded data from a radar altimeter, GPS navigation system, 50/60 Hz monitor and video camera. Flights were performed with an AS350B-2 Squirrel helicopter at a mean terrain clearance of 200 feet along survey flight lines with a spacing of a quarter of a mile. Tie lines were flown perpendicular to the flight lines at intervals of approximately 3 miles.

An Ashtech/Racal Real-Time Differential Global Positioning System (RT-DGPS) was used for both navigation and flight path recovery. The helicopter position was derived every 0.5 seconds using real-time differential positioning to a relative accuracy of better than 10 m. Flight path positions were projected onto the Clarke 1866 (UTM zone 7) spheroid, 1927 North American datum using a central meridian (Cm) of 141°, a north constant of 0 and an east constant of 500,000. Positional accuracy of the presented data is better than 10 m, with respect to the UTM grid.



FLIGHT LINES OF PART OF THE FORTY MILE MINING DISTRICT, ALASKA SOUTHERN EAGLE and NORTHERN TANACROSS QUADRANGLES 1999

LOCATION INDEX



SURVEY HISTORY

This map has been compiled and drawn under contract between the State of Alaska, Department of Natural Resources, Division of Geological & Geophysical Surveys (DGGSS), and Stevens Exploration Management Corp. Airborne geophysical data for the area were acquired by Geotrex-Digheem, a division of CGG Canada Ltd., in 1998.

This map and other products from this survey are available by mail order or in person from DGGSS, 754 University Ave., Suite 200, Fairbanks, Alaska, 99709.