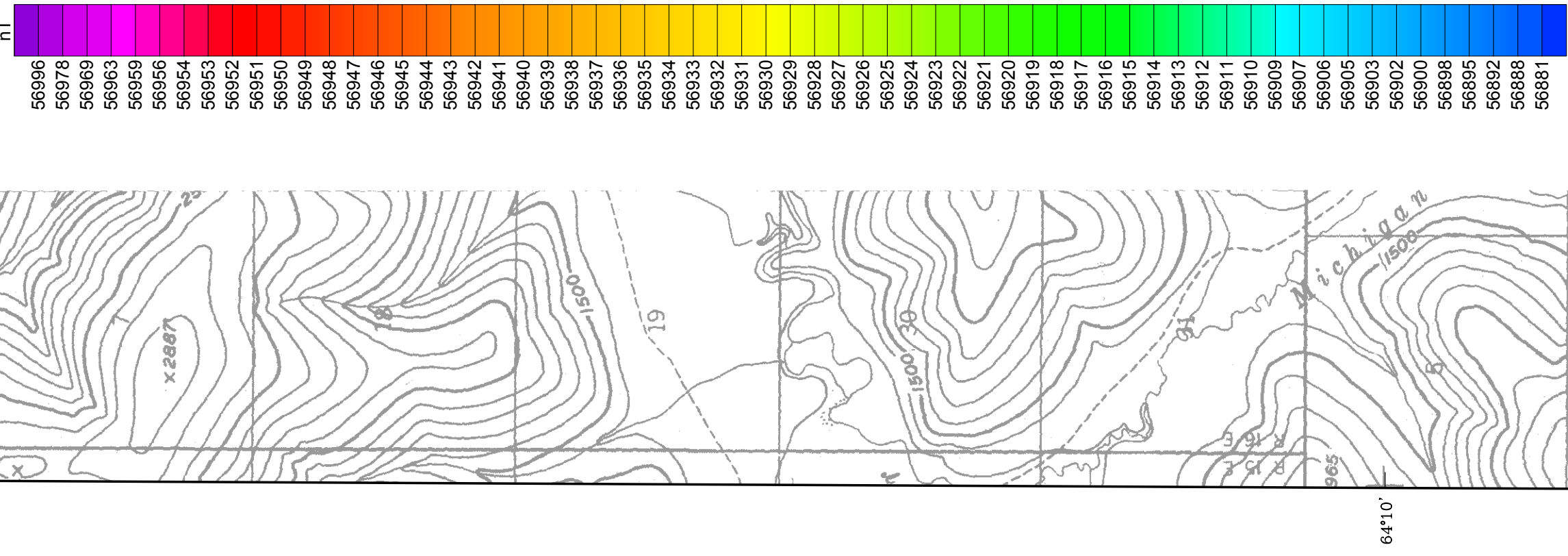
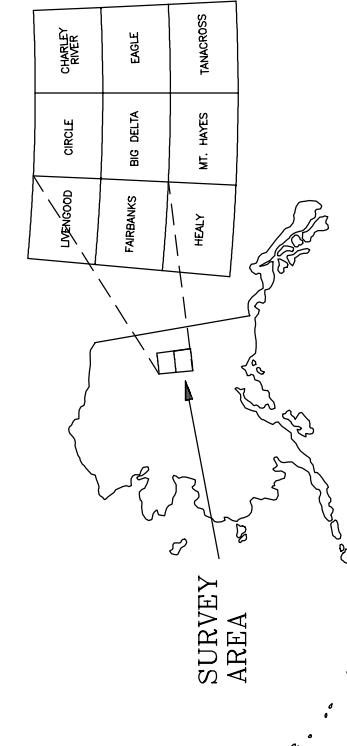


**TOTAL MAGNETIC FIELD AND
DETAILED ELECTROMAGNETIC ANOMALIES
OF THE BLACK MOUNTAIN AREA,
GOODPASTER MINING DISTRICT,
INTERIOR ALASKA**

PARTS of BIG DELTA A-1, A-2, B-1 AND B-2 QUADRANGLES
by
Laurel E. Burns, Fugro Airborne Surveys Corp., and Stevens Exploration Management Corp.

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DESCRIPTIVE NOTES

[illegible]

The magnetic total field contours were produced using digitalized recorded data. Sampling interval of 0.1 m and 100 nT were used. The data were corrected for diurnal variations by subtraction of the digitally recorded base station magnetic data. (2) adjusted for regional variations (or IGRF gradient, 2005, updated to October 2005) using algorithm adjusted (IGRF) (3) leveled to true line data and (4) interpolated into a regular 80 m grid using a modified Akima (1970) technique.

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 (DGGS), and Stevens Exploration Management Corp. (SEMC). The geophysical data for the new area were acquired and processed by Fugro Airborne Surveys Corp. in 2005.

This map and other products from this survey are available by mail order in paper format for \$350.00. Digital versions are also available for viewing or downloading. Adobe Acrobat files (*.pdf) on our Web site (<http://www.dggs.state.ak.us/pubs/>).

