

EXPLANATION

This contour map is a mosaic of three different contour maps that were fitted to a computer generated UTM projected base. These three maps were hand contoured from published analog profiles of the earth's residual total intensity magnetic field (GeoMetrics, 1979a,b).

The airborne surveys consisted of flight lines flown East-West with one mile spacing and nominal altitude of 400 feet above ground. Contour interval is 100 gammas. Contours are labeled with the two right most digits omitted. For example, a contour labeled with a "7" is a two hundred gamma contour.

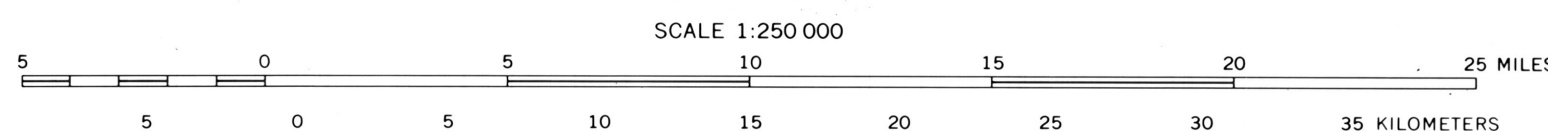
Magnetic contours show residual total intensity magnetic field of the earth in hundreds of gammas. GeoMetrics removed the Main magnetic field of the earth (Barracough and Fabiano, 1978) from the original total intensity data. Hachured contours indicate areas of lower magnetic intensity.

SOURCES OF DATA

GeoMetrics, 1979a, National Uranium Resource Evaluation aerial gamma ray and magnetic survey, Rockwell/Arctic Range Project, Denver and Pueblo Quadrangles, Colorado. Final Report: U.S. Department of Energy Grand Junction Office (Report) GJRX 49-79 v. 2.

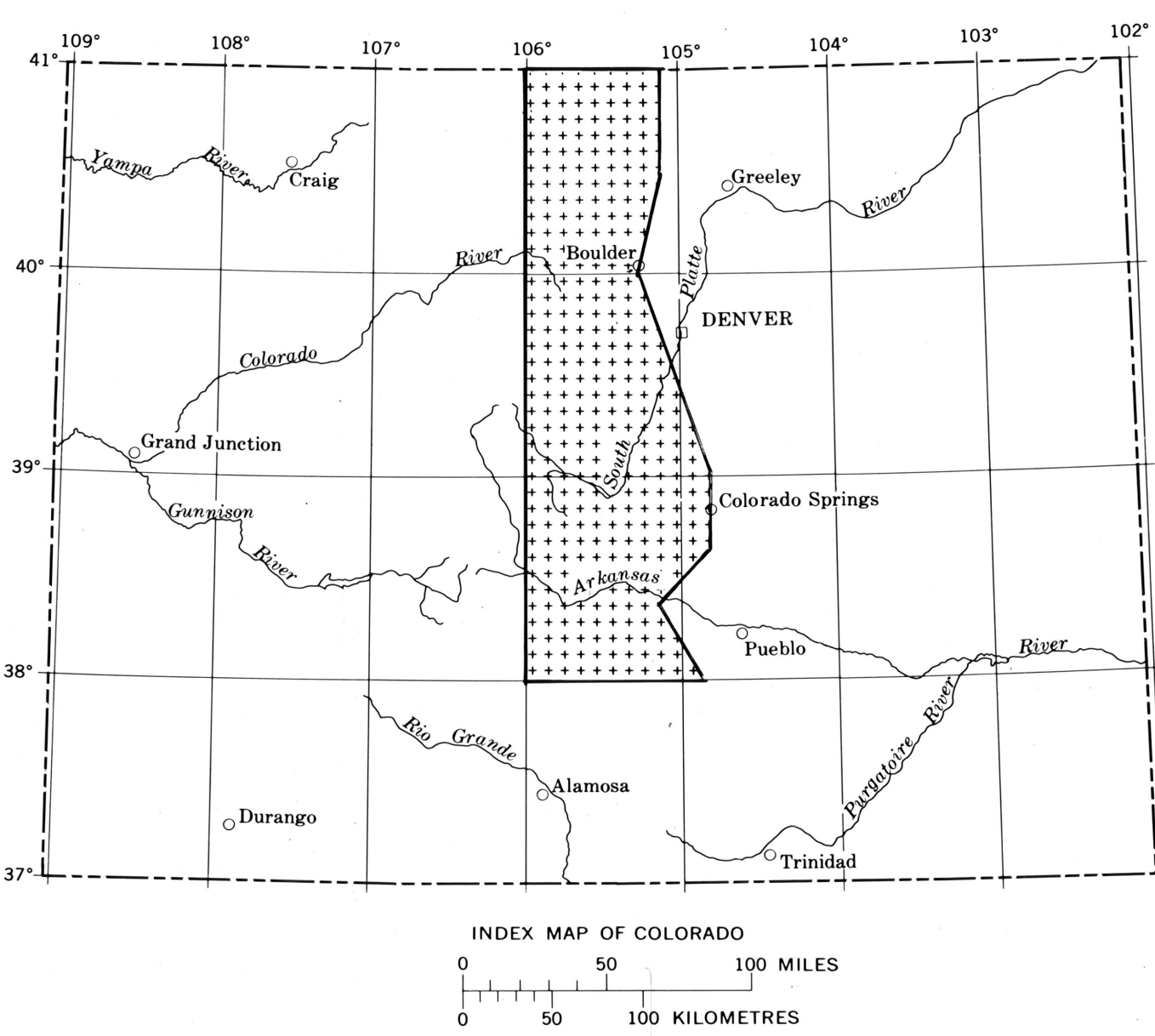
GeoMetrics, 1979b, National Uranium Resource Evaluation aerial gamma ray and magnetic survey, Rock Springs, Rawlins, and Cheyenne Quadrangles, Wyoming, and the Greeley Quadrangle, Colorado. Final Report: U.S. Department of Energy Grand Junction Office (Report) GJRX 17-79 v. 2, (Greeley Quadrangle).

Barracough, D.R., and Fabiano, E.B., 1978, Grid values and charts for the IGRF-1975.0, U.S. Department of Commerce, National Technical Information Service Report PB-276630, 139 p.



UNIVERSAL TRANSVERSE MERCATOR PROJECTION
CONTOUR INTERVAL 100 GAMMAS

SURVEY LOCATION



AEROMAGNETIC MAP OF PARTS
OF THE DENVER, GREELEY,
AND PUEBLO 1X2 DEGREE
QUADRANGLES, COLORADO

by
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