

SURVEY SPECIFICATIONS

Contour Interval: 5 Gammas
Flight Line Spacing: 0.50 Mile
Flight Line Direction: EAST - WEST
Tie Line Direction: NORTH - SOUTH
Sample Interval: 173.8 Feet
Flight Path Record: JVC Color Video Camera
Digital Acquisition System: GeoMetrics G-714
Latitude and Longitude Interval: 5.0 Minutes
Survey Altitude: 1000 Feet MTC
Projection: Universal Transverse Mercator
Grid Zone: 12
Spheroid: Clarke 1866 Spheroid
Flight line recovery: Visually to 1:24000 USGS topographic
Magnetometers: GeoMetrics G-813 Proton Precession
Sensitivity: 0.01 Gamma
Flown: December, 1985
Flown by: Airborne Geophysics, Inc.
Compiled by: EG&G GeoMetrics

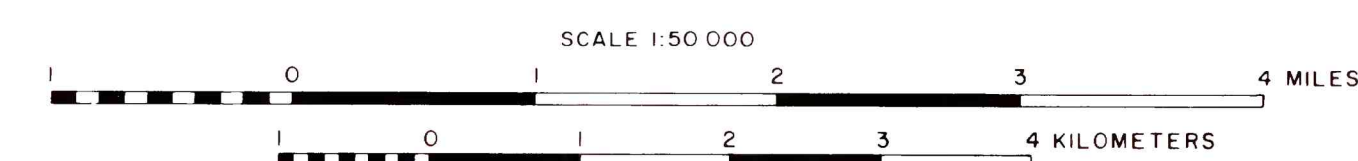
Corrected Total Intensity Magnetometer Value Before Removal of IGRF
X-LCTN-METERS: 735924.750
Y-LCTN-METERS: 487633.875
TIME: 10.849
MAG-CORR-DNL-GAMMAS: 49378.371

PROCESSING DETAILS:

Reference field: 1980 IGRF Updated to 1985.9
Diurnal: Removed
Type of Filtering: None
Levelling: DC Bias adjusted by least squares
Interpolation Method: Minimum Curvature with B-spline
Magnetic Declination: 11.0500 Degrees
Primary Grid Size: 365.76m by 365.76m
Tie Lines were not used in interpolation:
Type of Data: Gradient Enhanced Residual Magnetic Data From Horizontal Gradiometer

AEROMAGNETIC MAP OF THE
BIG HATCHET MOUNTAINS AND VICINITY,
SOUTHWESTERN NEW MEXICOBY
U.S. GEOLOGICAL SURVEY

1987



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