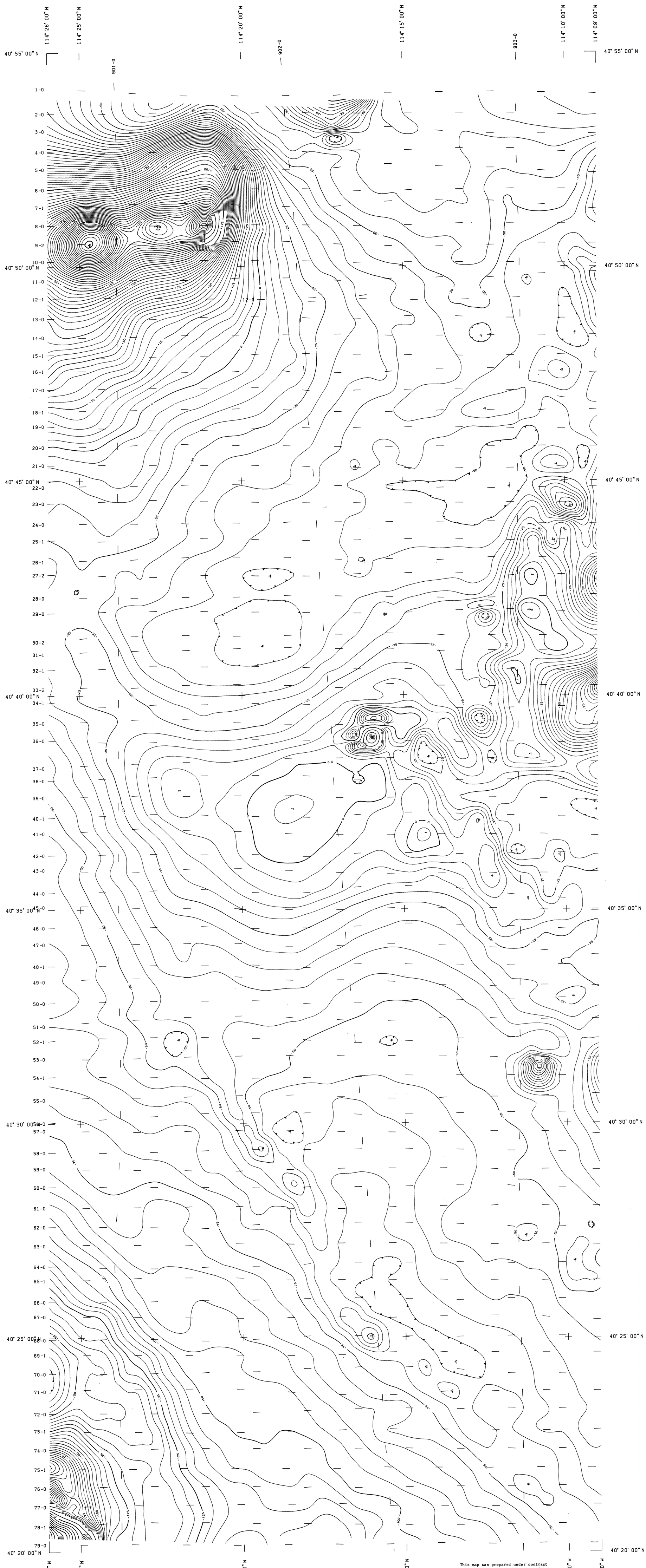
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT
87-336



SURVEY SPECIFICATIONS

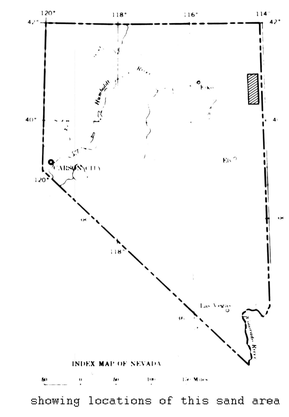
Contour Interval:	10 Gammas
Flight Line Spacing Traverse Lines:	0.50 Mile
Tie Lines :	5.0 Miles
Flight Line Direction:	EAST - WEST
Tie Line Direction :	NORTH - SOUTH
Sample Interval:	196.8 Feet
Flight Path Record:	JVC Color Video Camera
Digital Acquisition System:	GeoMetrics G-714
Latitude and Longitude interval:	5.0 Minutes
Survey Altitude:	1000 Feet MTC
Projection:	Universal Transverse Mercator
Grid Zone:	11
Spheroid:	Clarke 1866 Spheroid
Flight line recovery:	Visually to 1:24000 USGS topos
Magnetometer:	GeoMetrics G-813 Proton Precession
Sensitivity:	0.01 Gamma
Flown:	March, 1986
Flown by:	Airborne Geophysics, Inc.
Compiled by:	EG&G GeoMetrics

Corrected Total Intensity Magnetometer Value Before Removal of IGRF

X-LCTN-METERS :	716883.25
Y-LCTN-METERS :	4078737.31
TIME :	9.4950
MAG-CORR-ONL-GAMMAS :	54105.39

PROCESSING DETAILS:

Reference field:	1980 IGRF Updated to 1986.3
Diurnal:	Removed
Type of Filtering:	None
Levelling:	DC Bias adjusted by least squares
Interpolation Method:	Minimum Curvature with Bivubic Spline
Magnetic Declination:	15.08 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



showing locations of this sand area

AEROMAGNETIC MAP OF THE GOSHUTE AREA, NORTHEASTERN NEVADA

BY

U.S. GEOLOGICAL SURVEY

1987

SCALE 1:50 000

0 1 2 3 4 MILES

0 1 2 3 4 KILOMETERS