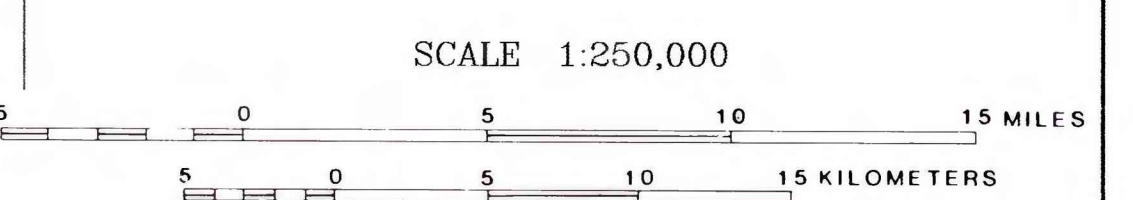
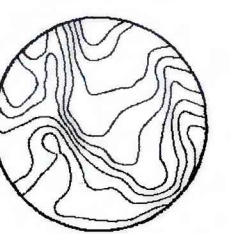


SURVEY SPECIFICATIONS	
Aircraft	Twin Engine Piper Navajo
Magnetometer	Varian optically pumped cesium vapor
Sensitivity	0.005 gammas
Flight Path Record	Hewlett-Packard mini-computer
Flight Line Recovery	30mm single-frame tracking camera
Slippage Interval	Annually to 1:100,000 USGS 100m
Doppler Navigation	Distance Guidance Unit (DGU)/6000
Slippage Interval	120 feet
Flightline Spacing	0.5 miles
Flightline Direction	Northeast - 50 degrees
Flightline Spacing	4 miles
Flightline Direction	Northwest - 30 degrees
Survey Altitude	1000 feet MSL
Survey Date	March 1989
Flown by	Agro Service
Compiled by	TerraSense, Inc.
Projection	Universal Transverse Mercator (UTM)
Spheroid	Clarke 1866
Reference Longitude	117.0 degrees
Grid Zone	11
X bias	500.0 km
Y bias	0.0 km
Corrected Total Intensity Magnetometer Value	505500
Before Removal of IGRF	3601000
X location	48.5
Y location	48600.0
Time	
Magnetic Value	
PROCESSING DETAILS	
Reference field	1985 IGRF Updated to 1989.1
Magnetic Declination	14.0 Degrees
Magnetic Inclination	59.0 Degrees
Diurnal	Removed
Leveling	DC Bias adjusted by hand
Interpolation Method	Minimum Curvature with Bicubic Spline
Primary Grid Size	Deck = 400 meters, Dally = 400 meters
Type of Filtering	Low Pass - Cut = 40000 m, Zero = 25000 m
Type of Data	Residual Magnetism



Contour interval in Gammas
Primary 10.00
Secondary 50.00
Tertiary 250.00



TerraSense, Inc.

AEROMAGNETIC MAP OF PARTS OF THE SAN DIEGO, SANTA ANA, AND ADJACENT 1° X 2° QUADRANGLES, CALIFORNIA
BY
U.S. GEOLOGICAL SURVEY
1990