

The data product files included in this report are described herein:

1. 34-66_mag.gdb

This database is in Geosoft format. It contains the residual-field magnetic data digitized from the original survey map contours. Specific channels in this database are:

longitude - longitude in degrees East.

latitude - latitude in degrees North.

mag - residual magnetic field in nanoTesla.

xTM - projected X in meters (Transverse Mercator projection).

yTM - projected Y in meters (Transverse Mercator projection).

2. 34-66_mag.grd

This is a Geosoft binary grid (contained in the files with suffixes .grd and .gi) of the residual magnetic field (“mag”) found in the “34-66_mag.gdb” database described above. The grid value locations are (xTM, yTM) coordinates. The data are gridded using minimum curvature at 400 m grid spacing.

3. 34-66_mag.XYZ

This database contains the “34-66_mag.gdb” digitized residual magnetic field data in Geosoft XYZ format. It is an ASCII database, with the (longitude, latitude, mag, xTM, yTM) values identical to those described in 1, above.

4. 34-66_mag.tif

This is an ArcView GeoTIFF (contained in the two files with suffixes .tif and .tfw) made from the “34-66_mag.grd” grid above.

5. 34-66_mag_bnd.tif

This is an ArcView GeoTIFF (contained in the two files with suffixes .tif and .tfw) made from the “34-66_mag.grd” grid above overlain with the Afghanistan geographic boundary.

6. 3-33_lines_ln.shp

This is an ArcView shapefile (contained in the four files with suffixes .shp, .shx, .dbf, and .prj) of flight-line locations for this western Afghanistan aeromagnetic survey.