

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

1. Prakla_report_1967.pdf

“Report on Aeromagnetic Surveys in the Kingdom of Afghanistan” executed for Bundesanstalt Für Bodenforschung, Hanover, Germany, 1967, by PRAKLA. It is in Adobe PDF format.

2. Bgr_report_1968.pdf

“Airborne Magnetometer Survey in the Kingdom of Afghanistan” by Dr. W. Bosum, Dr. A. Hahn, E.G. Kind, and Dr. D. Weippert, Bundesanstalt Für Bodenforschung, Hanover, Germany, 1968. It is in Adobe PDF format.

3. GDR_clmag.gdb

This database is in Geosoft format. It contains the residual-field magnetic data digitized from the original survey map contours described in the “Prakla_report_1967.pdf” report cited above. Specific channels in this database are:

- longitude – longitude in degrees East.
- latitude – latitude in degrees North.
- xTM – projected X in meters (Transverse Mercator projection).
- yTM – projected Y in meters (Transverse Mercator projection).
- resmag – residual magnetic field in nanoTesla.

4. GDR_clmag.grd

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

5. GDR_clmag.XYZ

This database contains the “GDR_clmag.gdb” digitized residual magnetic field data in Geosoft XYZ format. It is an ASCII database, with the (longitude, latitude, xTM, yTM, resmag) values identical to those described in item 3, above.

6. GDR_clmag.tif

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

7. GDR_clmag_bnd.tif

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

8. GDR_lines_ln.shp

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