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

1. afghan_GR.gdb

This database is in Geosoft format. It contains the gamma-ray intensity data digitized from the original survey map contours. Specific channels in this database are:

longitude – longitude in degrees East.
latitude – latitude in degrees North.
Gamma_Ray – gamma-ray intensity (μr / hr).
xTM – projected X in meters (Transverse Mercator projection).
yTM – projected Y in meters (Transverse Mercator projection).

2. afghan_GR.grd

This is a Geosoft binary grid (contained in the files with suffixes .grd and .gi) of the gamma-ray intensity ("Gamma_Ray") found in the "afghan_GR.gdb" database described above. The grid value locations are (xTM, yTM) coordinates. The data are gridded at 400 m grid spacing.

3. afghan_GR.xyz

This XYZ database contains the original digitized gamma-ray intensity data. It is an ASCII database, with the (longitude, latitude, Gamma_Ray) values identical to those described in 1, above.

4. afghan_GR.tif

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

5. afghan_GR_text.jpg

This is a JPEG image of the legend of the map series entitled "Map of Gamma_Field of Afghanistan (Western Area)," compiled by V. N. Kirsanov and R. S. Dershimanov.

6. 3-33_lines_ln.shp

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