

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

1. afghan_K.gdb

This database is in Geosoft format. It contains the potassium content data digitized from the original survey map contours. Specific channels in this database are:

longitude – longitude in degrees East.

latitude – latitude in degrees North.

K – potassium content (%).

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

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

2. afghan_K.grd

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

3. afghan_K.xyz

This XYZ database contains the original digitized potassium content data. It is an ASCII database, with the (longitude, latitude, K) values identical to those described in 1, above.

4. afghan_K.tif

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

5. afghan_K_text.jpg

This is a JPEG image of the legend of the map series entitled “Map of Potassium Contents 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.