Geoscience BC Compilation of Airborne Magnetic Data - Golden Triangle

Airborne Geophysical Data Archive

Data have been provided in the following formats:

Geosoft database (GDB)
ASCII XYZ text file
Grids GRD (Geosoft)
Grids TIF (GeoTIFF, RGB images do not contain actual magnetic data values)
Grids GXF (ASCII grid format will open in QGIS)

The magnetic data represent the original contractor archive products. Magnetic data grids have been renamed from the original deliverable. If additional data such as Electromagnetic or Radiometric data are available they will retain their original naming convention.

The data has been organized by Areas A-J essentially from north to south within the project area. If multiple survey blocks are available then they are named accordingly i.e. C1, C2, and C3 for example.

Folder structure showing minimum folders as follows:

Data or Database
Grids_Geosoft
Grids_GeoTIFF
Grids_GXF_ASCII
Report

There may also be additional contractor folders included.

Nomenclature: example Area C

Area_C1_airborne_MAG_2020.gdb
Area_C2_airborne_MAG_2020.gdb
Area_C3_airborne_MAG_2020.gdb

Area_C1_MAG_RTP_2020.grd (reduced to pole)
Area_C1_MAG_RTP_1VD_2020.grd (first vertical derivative)
Area_C1_MAG_RTP_TGA_2020.grd (total gradient amplitude, also known as analytic signal)

GXF ASCII grid files use the same naming format.
GeoTIFF grid files use the same naming format.