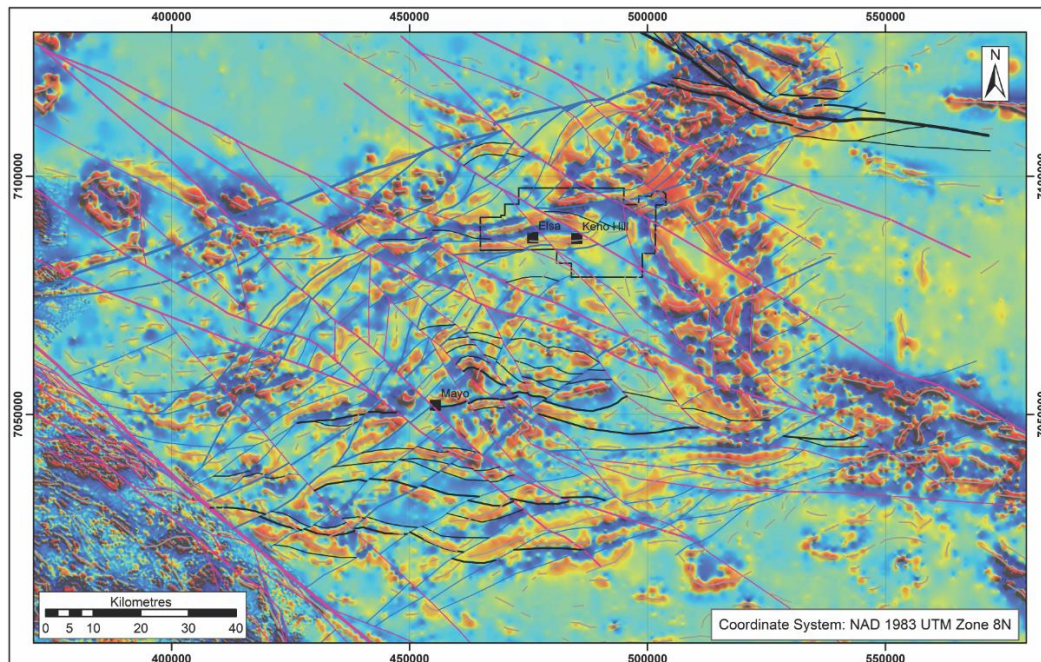


## D. Maps and 3D Model – Description of Files

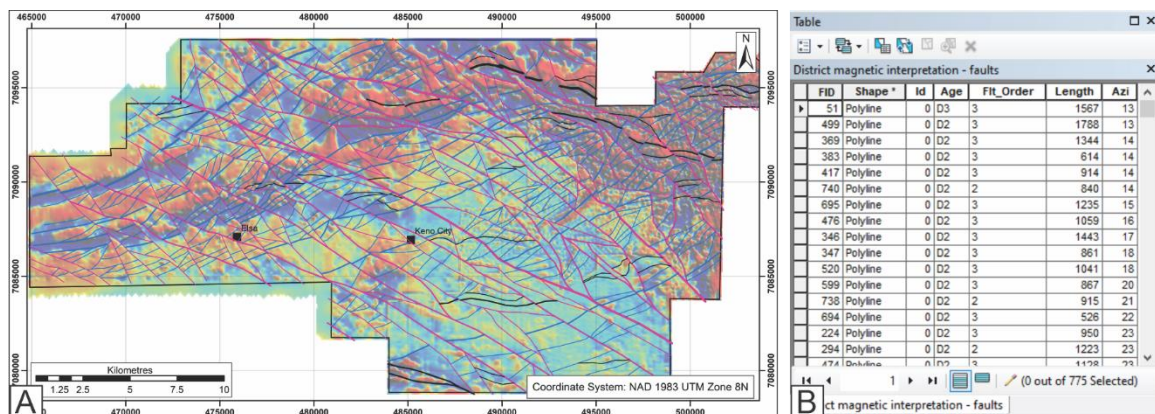
The following data are contained within this folder:

Two ArcGIS™ map packages. The map packages were created in ArcGIS™ 10.6.1.

- Keno Hill lineament interpretation.mpk
  - Map package contains 2D regional- to district-scale lineament interpretations of airborne magnetic (Figures D.1 and D.2) and digital elevation (DEM) data, density calculation raster data, and all informing data. Metadata for all lineaments can be viewed in their respective attribute tables (Figure D.2B).

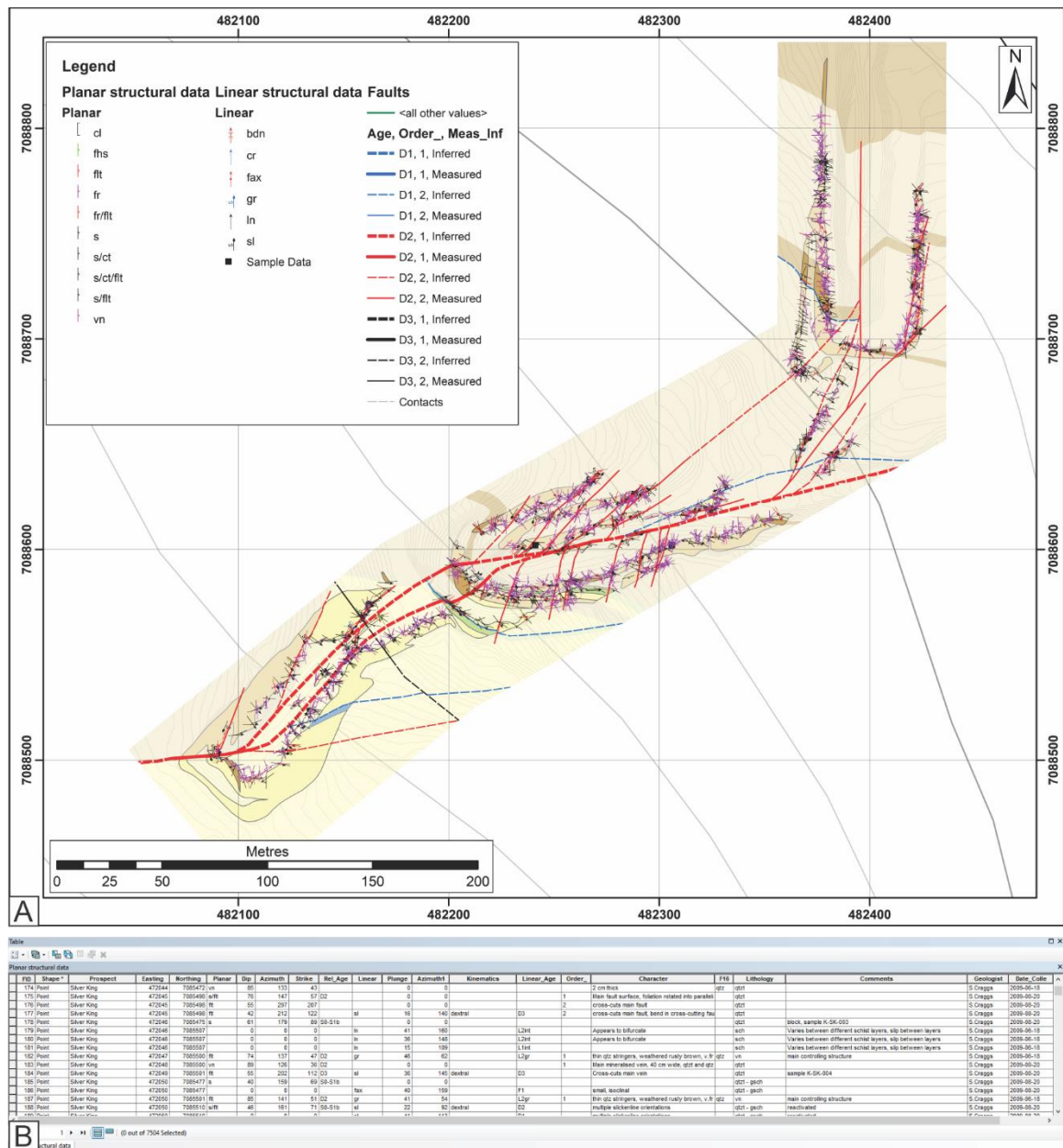


**Figure D.1:** Example of 2D regional interpretation overlaid on regional scale 1VD airborne magnetic data.



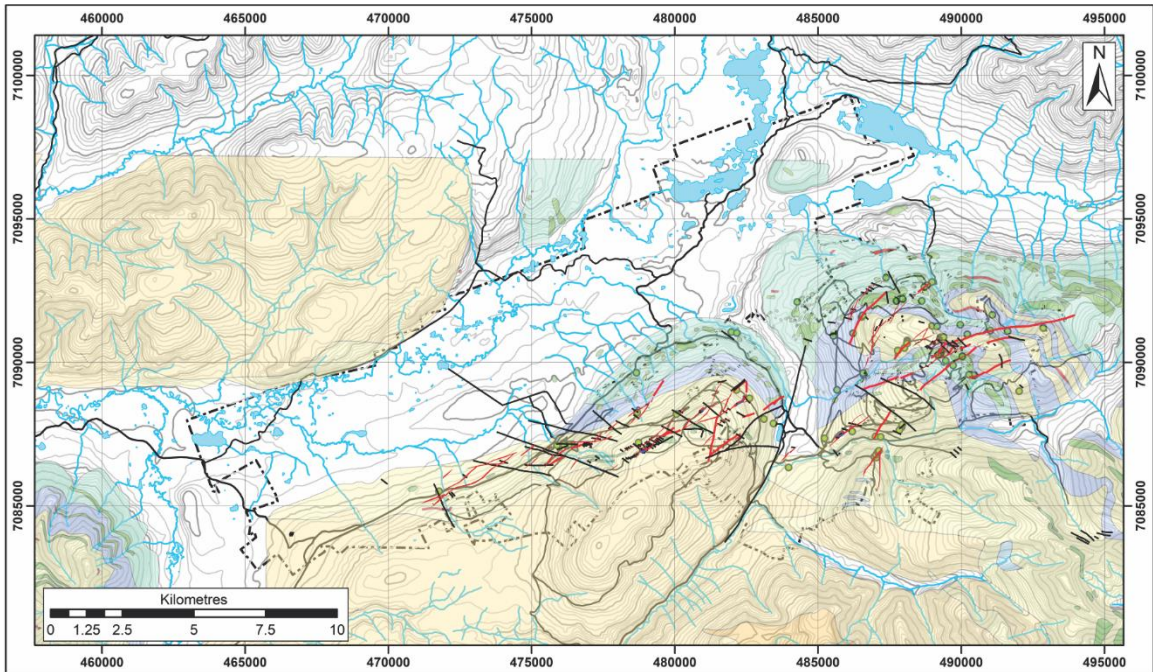
**Figure D.2: Example of (A) 2D district-scale interpretation overlaid on 1VD airborne magnetic data, and (B) available metadata in attribute table.**

- Keno Hill map data.mpk
  - Map package contains all measured structural data, sample data (Figure D.3). Metadata for all measurements or samples can be viewed in their respective attribute tables (Figure D.3B).
  - Deposit-scale litho-structural interpretations for the Birmingham, Calumet, Sime, Onek, and Signpost localities. Interpretations can be viewed by zooming in to the relevant location on the map.
  - 2D district-scale vein interpretations derived from borehole assay data (Figure D.4).
  - Historic data including regional lithological mapping data (Figure D.4; Murphy, 1997), and vein mapping data (Boyle, 1965).



**Figure D.3: Example of (A) deposit-scale map showing fault interpretation and collected structural data for the Sime deposit, and (B) available metadata for structural measurements in attribute table.**

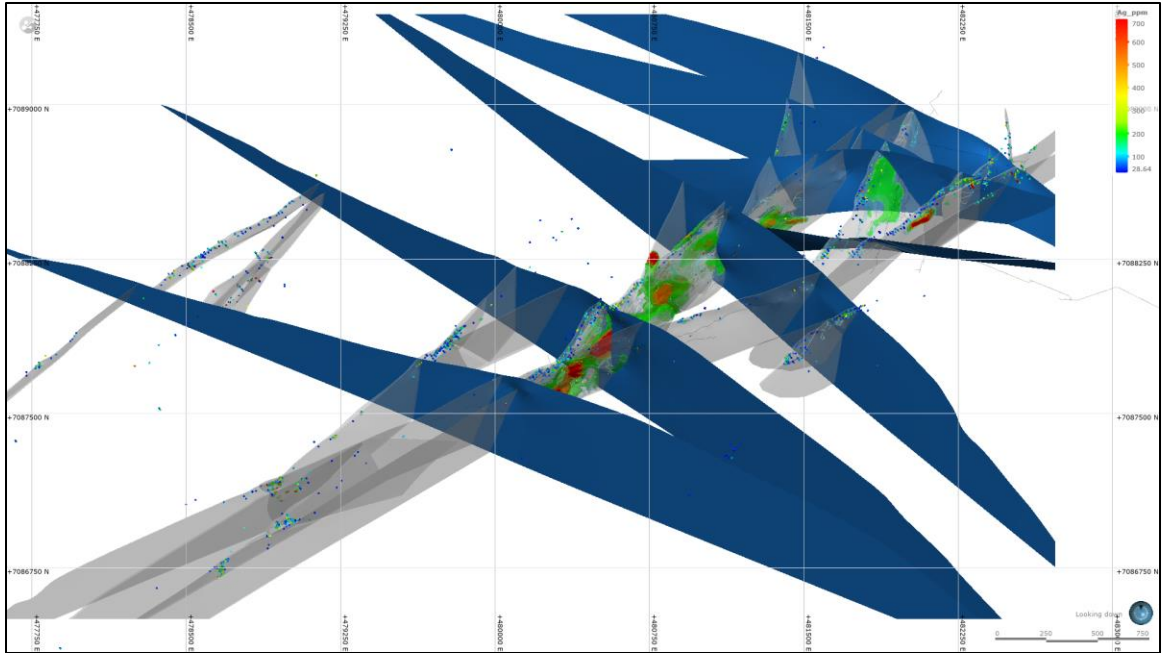




**Figure D.4: Example of historic mapping data (modified after Murphy, 1997 and Boyle, 1965) and 2D vein interpretation.**

One Leapfrog™ Viewer file. The file was created in Leapfrog Geo™ 5.0.3 software and can be viewed using Leapfrog™ Viewer software. This can be downloaded for free from <https://www.seequent.com/products-solutions/leapfrog-viewer/>

- Galena Hill Fault-Vein Leapfrog Model.lfview (Figure D.5)
  - File contains a 3D interpretation of fault and vein geometry in the Galena Hill area of the Keno Hill district.
  - Additional data provided includes assay data, topography, and historic mine infrastructure.



**Figure D.5: Plan view of data available in the LeapfrogTM Viewer file showing 3D interpretation of faults and veins, anisotropic grade isoshells, Ag assay data, and historic mine infrastructure.**