

CHAPTER 18 **Access to data**

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GEOSCIENTIFIC INFORMATION AND DATA

Access to precompetitive geoscientific data reduces the risk for companies venturing to discover new prospects and deposits.

Initiatives such as the South Australian Exploration Initiative (SAEI) and the Targeted Exploration Initiative South Australia (TEISA) enabled the acquisition and compilation of open file data over key prospective regions in South Australia. These regional datasets play a key role in exploration decision-making processes and are provided to industry at nominal cost.

The Geoscientific Information Management Team (GIM), within the Office of Minerals and Energy Resources, supports the management of South Australia's mineral resources by taking a lead role in integrating, maintaining, value adding and distribution of geoscientific information for all stakeholders.

Datasets available include:

- Geophysical
- Spatial and GIS
- Geological
- Open file reports and publications.

AIRBORNE GEOPHYSICAL SURVEY DATABASE

Digital data from the recent TEISA and SAEI airborne surveys, plus over 150 company and government surveys flown over the last 20 years, are available from the Airborne Geophysical Survey Database.

Survey boundaries have been stored in **MapInfo** and **ArcView** formats and therefore can be displayed graphically.

Data can be provided in various digital formats such as:

- Located ascii data
- ERMapper grids
- ECW, BIL formats
- Contour output.

Priority has been given to upgrading datasets from older open file surveys adjoining the new TEISA and SAEI surveys. All open-file TMI data have been reprocessed and merged to provide a high-resolution, 35x35 m mesh ERMapper grid for South Australia.