

# China Aeromagnetic Mapping Project (CHAMP)

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## Products

- 1 km x 1 km grid of total magnetic intensity, its first vertical derivative and analytic signal amplitude.
- Survey Index Atlas / Full Technical Report giving details of data acquisition, reduction, reprocessing, and map production.
- Digital Survey Index Database.
- 1 km x 1 km digital elevation model
- 1:6 million colour maps of TMI and DEM
- Higher resolution grids and profile data available.

## Participants

**Paterson, Grant & Watson Limited (PGW)**, in collaboration with the **Aero Geophysical Survey and Remote Sensing Centre (AGRS)**, **Ministry of Land and Resources, China** and **GETECH**, have recompiled over 400 airborne magnetic surveys in China. The original project was sponsored by a consortium of seven International Oil and Mining companies. The data were commercially released in June 1999.

## Data

- Over 400 airborne magnetic surveys.
- Flightline spacing ranging from 250 m to 10 km.
- All data processed at original resolution including editing, tie line levelling, micro-levelling, and IGRF correction.
- Final grids draped to 500 m above terrain, merged and regionally corrected using the MAGSAT long-wavelength crustal anomaly field.
- Price list available upon request.

