

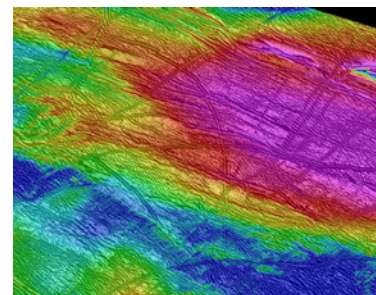
New geophysical datasets for Ashburton, Officer Basin and Mount Isa regions

Datasets from four new geophysical surveys, released since February 2007, will be a valuable tool in assessing the mineral potential of the respective survey areas.

The new data includes three airborne magnetic and radiometric surveys including the Ashburton region and Officer Basin in Western Australia and the Mount Isa region in Queensland as well as a gravity survey in the Mount Isa region.

The data for all surveys were acquired in surveys conducted in 2006 which were managed by Geoscience Australia on behalf of the Geological Surveys of Queensland and Western Australia.

The data have been incorporated into the national geophysical databases. The point-located and gridded data for the four surveys can be obtained free online using the GADDS download facility.



Related websites

Geological Survey of WA:

www.doir.wa.gov.au

Geological Survey of Qld:

www.nrw.qld.gov.au/science/geoscience/

For more information

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Table 1. Details of the airborne surveys.

Survey	Survey Type	Date	1:250 000 Map Sheets	Line Spacing/ terrain clearance/ orientation	Line Km	Contractor
Mount Isa South - East (Qld)	Magnetic, Radiometric, Elevation	Aug–Nov 2006	Betoota, Machattie, Connemara, Brighton Downs	400 80 east – west	100,972	Fugro Airborne Surveys
Ashburton (WA)	Magnetic, Radiometric, Elevation	Aug–Dec 2006	Wyloo, Mt Bruce, Roy Hill, Edmund, Turee Creek, Newman Mt Egerton, Collier	400 m 60 m north - south	105,840	UTS Geophysics
Officer Basin (WA)	Magnetic, Radiometric, Elevation	Oct – Nov 2006	Trainor, Bullen, Collier, Robertson	400 m 60 m north - south	105,676	GPX Airborne

Table 2. Details of the gravity surveys.

Survey (State)	Survey Type	Date of Acquisition	1:250 000 Map Sheets	Station Spacing / orientation	Stations	Contractor
Mount Isa Area B (Qld)	Gravity	Sept – Oct 2006	Lawn Hill, Donors Hill, Camooweal, Dobbyn, Mt Isa (western half)	2.0 x 2.0 km east – west on Dobbyn and Camooweal (eastern half); 4.0 x 4.0 km east – west (remainder)	9,857	Fugro Ground Geophysics



New Gazetteer of Australia released

The Gazetteer of Australia 2006 is the authoritative source of Australian place names and their location, whether they are natural features such as mountains and rivers or built features such as homesteads and bridges.

The Gazetteer is revised annually by Geoscience Australia under the auspices of the Intergovernmental Committee for Surveying and Mapping (ICSM) with data provided by state, territory and Commonwealth Government authorities responsible

for administering place names. The 2006 version includes more than 320 000 official and unofficial place names and their co-ordinates in GDA 94 (Geocentric Datum of Australia 1994) covering Australia and its offshore regions.

The latest version includes the addition of new place names, the removal of invalid records and the revision of place names preserved for use in community geographic domain names (for internet sites). To check the spelling of a

town's name or a geographical feature visit Geoscience Australia's Place Name Search facility (www.ga.gov.au/map/names/).

The Gazetteer of Australia 2006 can be used for a variety of purposes including: locating a place on a map, searching by place names or relating services to locations online, showing place names in digital mapping applications (for example, the place name search facility in NATMAP Raster Digital Maps), and adding value to a map.

The Gazetteer of Australia 2006 is available on CD ROM from Geoscience Australia's Sales Centre.



For more information

phone Freecall 1800 800173 (within Australia)
or +61 2 6249 9966
email mapsales@ga.gov.au
visit www.ga.gov.au/nmd/products/thematic/gaz.jsp

Related websites

Geoscience Australia's Place Name Search facility
www.ga.gov.au/map/names/



Geologi short film COMPETITION 2007

Geoscience Australia and the National Geographic Channel invite Australian secondary school students to participate in a short film competition with an 'Earth Science' theme.

The Earth Science theme or message should be conveyed in a short documentary style film. Exciting and diverse use of visuals and sound is encouraged.

The winning entry will be showcased on the National Geographic Channel website.

Prizes include a GPS (Global Positioning System), mineral specimens, DVDs and books.

Registration is required by Tuesday 31 July 2007.

Competition entries must be received by Friday 31 August 2007.

For more information

Phone Fiona Wright on +61 2 6249 9859 or email fiona.wright@ga.gov.au.

www.ga.gov.au/about/event/index.jsp#esw