



Minerals Alert March 2003



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[1. Geochronology data for the Tanami, Tennant Creek and Arunta Regions](#)

Summaries of recent and historical geochronology data are now available for the Tanami, Tennant Creek and Arunta Regions. This web-based GIS allows users to access recent GA-NTGS and historical geochronology data (SHRIMP U-Pb, conventional U-Pb, Nd-Sm and Rb-Sr) in the context of geographical, geological (national and 1:250 000 outcrop) and geophysical (gravity and magnetics) GIS coverages. Access to these data will allow explorationists to independently access and interpret geochronological data and use these data to refine exploration models. The web-based GIS will be updated every three months to include new geochronology data.

<http://www.ga.gov.au/map/nap>

[2. Australian Mineral Exploration A review of exploration for the year 2002](#)

Geoscience Australia has released *Australian Mineral Exploration A review of exploration for the year 2002*. Last year saw continued reduction in global mineral exploration budgets and lower domestic mineral exploration expenditure in the 2001-2002 financial year. Despite this significant mineralisation was discovered for a range of commodities across the continent that are highlighted in the Review. The Review also summarises Government geoscience programs in support of mineral exploration and new mineral project developments. Higher levels of activity and spending in recent months, coupled with the current higher gold prices and expected rises in base metal prices later in 2003 and beyond, means that the outlook for mineral exploration, although still difficult, is the best for five years. Copies of the review can be obtained from Wendy Vantol at wendy.vantol@ga.gov.au or in pdf format from <http://www.ga.gov.au/pdf/GA1354.pdf>

[3. Stratigraphic information for Western Succession Mount Isa Block](#)

A GIS web browser is now available that contains stratigraphic information from the southern flank of the Murphy Inlier, Lawn Hill Platform and Leichhardt River Fault Trough in the Western Succession of the Mount Isa Block. The principal lithostratigraphic units covered by this dataset include the Surprise Creek Formation, Mount Isa and McNamara Groups. The images are a sample of those contained on CD Records AGSO Record 1999/10, AGSO Record 1999/15, GA Record 2002/3. The data compiled for this viewer was collected during the course of the NABRE, AMIRA P552 and pmd*CRC projects. The browser is available at: <http://www.ga.gov.au/map/mtisa>. For more information contact Peter Southgate at +61 2 6249 9206 or e-mail peter.southgate@ga.gov.au, or contact Megan Lech on +61 2 6249 9459 or e-mail megan.lech@ga.gov.au. Copies of the CDs may be purchased from Geoscience Australia Sales on Tel: +61 2 6249 9519, Fax: +61 2 6249 9982, or sales@ga.gov.au

4. Prospectors and Developers Association of Canada Annual Convention and Trade Show

Geoscience Australia is coordinating a combined Australian governments technical promotion at the Prospectors and Developers Association of Canada Convention and Trade Show, Toronto, March 9 to 12, 2003 in Toronto, Canada. The focus of this year's promotion will be on prospective Australian geological provinces. For more information on the convention see <http://www.pdac.ca/pdac/conv/index.html>. To obtain copies of the Geoscience Australia material distributed at the Trade Show email Mike Huleatt on mike.huleatt@ga.gov.au.

For additional information contact Mike Huleatt by phone on +61 (0)2 6249 9087 or by email at mike.huleatt@ga.gov.au

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