



ISSUE 20, DECEMBER 2013

## Geoscientific Data Warehouse (GDW) — new features

The GDW has 3 new features:

- A new dedicated search page for the petrological thin section dataset. A term entered into the 'Retrieve' field will return a list of petrological slides containing that term. Clicking on an item in the list opens its description.
- The addition of two search fields (Tenement, PeriodEnd) to filter the large assay dataset
- A new geological structures layer (3D Structural Symbols) in Google Earth, which displays a subset of statewide structural data at various scales.

Feedback on the service is welcomed.

Go to: <http://dwh.minerals.nsw.gov.au/CI/warehouse/entry/feedback>

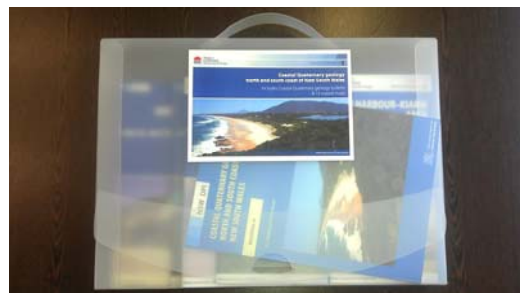
## Information packs of NSW coastal Quaternary geology products

Quaternary geology maps of the NSW south coast were released in November at the NSW Coastal Conference. Thirteen coastal maps are now available, along with the accompanying Bulletin 34 Coastal Quaternary geology - north and south coast of NSW (including a DVD with field and analytical data, and PDFs of north coast maps). The maps are \$19.80 each (incl. GST) and Bulletin 34 is \$33.

The following information packs discounted by 25% are also available:

- Bulletin 34 + 13 north and south coast maps \$217.80 (incl. GST)
- Bulletin 34 + 9 north coast maps \$158.40 (incl. GST)
- Bulletin 34 + 4 south coast maps \$84.15 (incl. GST)

Contact: [mineralpublication.orders@industry.nsw.gov.au](mailto:mineralpublication.orders@industry.nsw.gov.au)



## List of bore core accepted at Mineral Resources core libraries

View [a list of non-confidential bore core](#) accepted at the WB Clarke Geoscience Centre, Londonderry, June–October, 2013. No core was accepted at the EC Andrews drill core facility, Broken Hill.

Contact: Kevin Capnerhurst, [kevin.capnerhurst@industry.nsw.gov.au](mailto:kevin.capnerhurst@industry.nsw.gov.au), 02 6360 5331

## Cobar region explorers guide reprint

The Cobar region explorers guide has been reprinted by the GSNSW with minor changes to the original. Copies are free and can be ordered [order online](#).

Contact: [mineralpublication.orders@industry.nsw.gov.au](mailto:mineralpublication.orders@industry.nsw.gov.au)

## 3D NSW mapping — new project

The 3D NSW mapping project will extend GSNSW traditional geological mapping into the 3<sup>rd</sup> dimension. A range of products will have applications to mineral and energy exploration, land management, civil engineering, water resources, waste management, and research. The 3D products will range from statewide and regional to site specific or urban scales. Statewide products will incorporate digital terrain, basin and basement interface, major tectonic subdivisions and crustal scale features. Regional scale products will follow the 1:250 000 mapping program. Modelling will extend to depths of 40 km to the base of the crust, but will emphasise the first kilometre where most of the data resides. The 3D maps will be derived from the integration of existing geoscientific datasets and new data. They will identify data and knowledge gaps and will be progressively updated as new information becomes available.

Contact: Jamie Robinson, [jamie.robinson@industry.nsw.gov.au](mailto:jamie.robinson@industry.nsw.gov.au), 02 4931 6730

## Analysis of some ultramafic–mafic bodies in the Mount Oxley–Coolabah mapping project area

Petrographical and geochemical analysis of ultramafic–mafic complexes hosted by the Ordovician Girilambone Group suggests that they represent two phases of Alaskan-style cumulate intrusions tapping different magma sources, with a third phase of Alpine-type intrusion.

See [GS2013/1870 Petrography and geochemistry of ultramafic–mafic associations in the Girilambone Group, northwestern NSW](#)

## Mines & Wines 2013 presentations

[Presentations at Mines & Wines 2013](#) by Phil Blevin on the tin systems of NSW and Peter Downes on the Nymagee mineral systems study are available on the SMEDG website.

## Upcoming conferences 2014

[4th Annual Strategic Metals and Rare Earth conference 18–19 February, Sydney](#)

[PDAC 2–5 March, Toronto Canada](#)

[Mines & Money, 24–28 March, Hong Kong](#)

[APPEA 6–9 April 2014, Perth](#)

[RIU Sydney Resources Roundup 14–15 May, Sydney](#)

[Broken Hill Resource & Energy Symposium 25–28 May Broken Hill](#)

[Australian Earth Sciences Convention \(AESC\) 7–10 July, Newcastle](#) Note the AESC is now accepting abstracts.

## Staff movements

**Gavin Ayre** has commenced as Geoscience Product Officer, Geoscience Information  
**Peter Bukey** has commenced as Technical Officer, NVCL  
**Carson Cox** has commenced as Geospatial Graphics Officer, Geoscience Information  
**Daniel Cronin** has commenced as Geoscientist, Mineral Systems  
**Joel Fitzherbert** has accepted the position of Senior Geoscientist—NSW Seamless Geology, Reg. Mapping & Expl. Geoscience (RM&EG)  
**Paul Meszaros** has commenced as Palaeontological–Petrological Technician, RM&EG  
**Cameron Perks** has commenced as Geoscientist, Mineral Systems  
**Glen Phillips** has commenced as Senior Geologist—Petrology, RM&EG  
**Jamie Robinson** has commenced as Senior Geologist—3D Specialist, RM&EG  
**David Tilley** has commenced as Senior Geoscientist—Spectral Analysis, Mineral Systems  
**Yong-Yi Zhen** has commenced as Senior Geologist—Palaeontology, RM&EG

## Products

[Geoscience Product Catalogue](#)  
[Geophysical images and data](#)  
[Online sales: \[www.shop.nsw.gov.au\]\(http://www.shop.nsw.gov.au\)](#)  
[Quarterly Notes](#)

## Enquiries

**Maps and data packages:** [geoscience.products@industry.nsw.gov.au](mailto:geoscience.products@industry.nsw.gov.au)  
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**General product enquiries:** Michael Hallett [michael.hallett@industry.nsw.gov.au](mailto:michael.hallett@industry.nsw.gov.au): Tel: 02 4931 6724

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