



Australian Government

Geoscience Australia

Australia

OneGeology Update



1:1 million scale continental geology

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Currently

- 2008 data - polygon units, contacts, faults
- 1:2.5M Australia - not linked to stratigraphic lexicon
- 1:1M Eastern Australia
- 1:1M South Australia
- 1:1M Western Australia
- 1:1M Northern Territory
- shapefiles & SDO tables

- WMS - Mapserver
- WFS - custom Java application
 - WMS response provides link to WFS
 - not strictly OGC compliant ☹

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Plan for 2010-11

- Updated 2010 data - polygon and line units, contacts, faults
- single, seamless 1:1M Australia dataset
- 1:1M and 1:2.5M data served from an ESRI geodatabase
- WMS and WFS - Geoserver

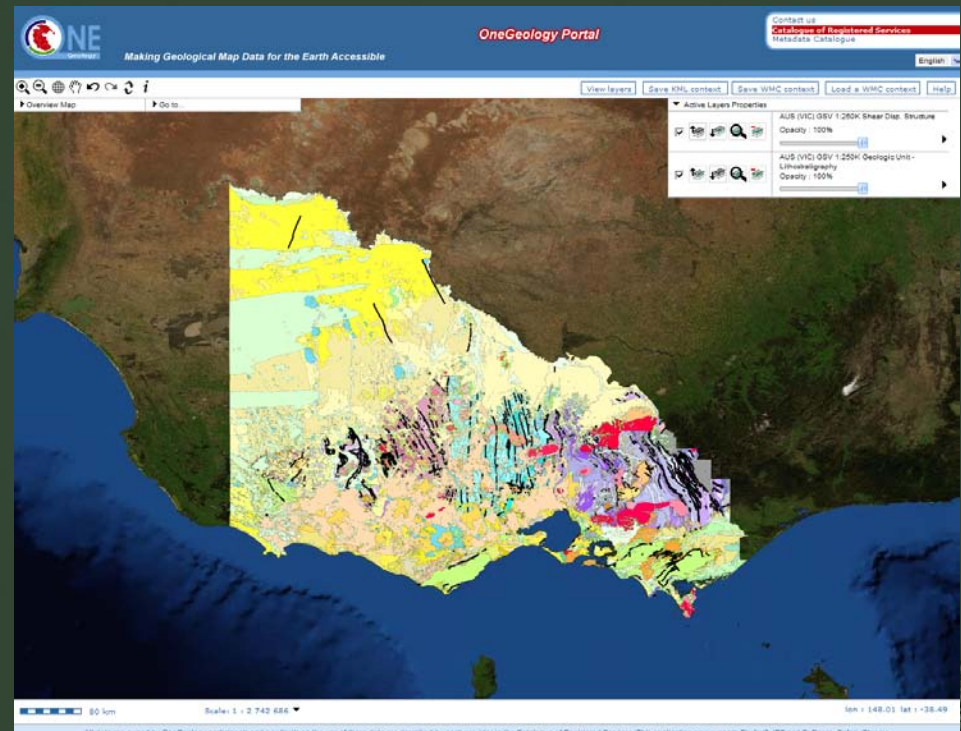
Geoscience Victoria

Currently

- polygon units, contacts, faults
- 1:250K
- WMS - Geoserver
- WFS - Deegree

Plan

- investigate performance improvements



AuScope project

The screenshot displays the AuScope Discovery Portal interface. At the top, the logo for AuScope is visible, along with the text "AN ORGANISATION FOR A NATIONAL EARTH SCIENCE INFRASTRUCTURE PROGRAM". The main content area features a satellite map of Australia with several purple location pins indicating mineral occurrences. On the left side, there is a "Feature Layers" panel with two layers listed: "Earth Resource Mine" and "Earth Resource Mineral Occurrence". Below this is an "Active Layers" section with a "Remove Layer" button. The "Filter Properties" section is expanded to show "Mineral Occurrence Filter Properties", which includes a dropdown menu for "Commodity" (set to "Phosphate") and a list of other commodities such as Palygorskite, Peat, Pegmatite, Perlite, Petrified wood, Phosphate, Phosphorous, Phosphorous oxide, Pisolitic gravel, platinum, Platinum group elements, Potassium, Pozzolan, Prehnite, and Pumice. At the bottom of the page, there is a Google search bar and a "Search" button. The footer contains copyright information: "TerraMetrics, Map data ©2010 Europa Technologies, MapData Sciences Pty Ltd, PSMA, MapIT AUSTRALIA".