

NSW Seamless Geology

www.resourcesandgeoscience.nsw.gov.au/seamless

A dynamic geological model of NSW that joins the best available geological mapping (on a variety of scales) across the state is now available. It connects line mismatches (e.g. geological boundaries, faults etc.) across existing geological map sheet boundaries and harmonises stratigraphic units across NSW. It forms an integral part of ongoing work such as 3D, mineral potential and metamorphic mapping across NSW. Version 2.0 was released in May 2020.

Features

- Delivered as a series of lithotectonic layers/provinces that form geological time slices.
- Includes extensions of outcropping geology undercover (i.e. older basement geology beneath younger sedimentary basins, volcanic rocks and unconsolidated sediments).
- A standard database structure and schema containing comprehensive attribute tables for each stratigraphic unit, enabling detailed querying.
- Free download in a variety of formats including GIS, mobile phone maps and online portals.

