

Name of dataset or data source:

NSW 1:1.5 million scale simplified surface geology

Custodian of the dataset or data source:

Department of Industry, Skills and Regional Development

Description:

The New South Wales 1:1 500 000 scale geology map represents an up-to-date synthesis of the surface geology of the state. The map has been compiled principally from 1:250 000 scale geological map data from the Geological Survey of New South Wales. This data has undergone substantial simplification and harmonisation both for display at 1:1 500 000 scale and to reconcile nomenclature and mapping mis-matches across the borders of its map tiles and jurisdictional boundaries. Due to the substantial simplification and generalisation which has occurred during editing, it is not recommended that the map or data be used at scales smaller than 1:1 500 000. For more detailed studies, the user is referred to the Geological Survey of New South Wales 1:250 000, 1:100 000 and 1:25 000 scale series geological maps.

Data quality rating:

- ★ Institutional Environment
- ★ Accuracy
- ★ Coherence
- ★ Interpretability
- ★ Accessibility



INSTITUTIONAL ENVIRONMENT

Medium



- ✓ The agency publishing this data is the recognised data custodian.
- ✓ Data is collected and managed according to a data quality framework.
- ✓ Data governance roles and responsibilities are clearly assigned for this dataset or data source.
- ✓ Custodian has no commercial interest or conflict of interest in the data.

- ✗ Data collection is not mandated or required by a law, regulation or agreement.

Find out more about the data quality framework from the Custodian (contact details below).

Find out more about the data governance responsibilities from the Custodian (contact details below).

**ACCURACY**

Medium



- ✓ This data has been subject to quality assurance processes. ie Checking for errors at each stage of data collection and processing, or verifying data entry and making corrections if necessary.
- ✓ The data collection met the objectives of the primary user. The data correctly represents what it was designed to measure, monitor or report. Refer to *Scope and Coverage* in the last section of this report for more information.
- ✓ There are no known gaps in the data. (For example: non-responses, missing records, data not collected.)
- ✓ There have been adjustments, changes or other factors that could impact the **validity** of the data. (For example: weighting, rounding, de-identification of data; changes or flaws in data collection or verification methods.) Adjustments are identified in caveats attached to the dataset or data source.

- ✗ There is no revision policy

Find out more about the quality assurance processes from the Custodian.

**COHERENCE**

Medium



- ✓ Standard definitions, common concepts, classifications and data recording practices have been used.
- ✓ Elements within the data can be meaningfully compared.
- ✓ This data is generally consistent with similar or related data sources.
- ✓ This dataset is a single collection. It is not impacted by changes in methodology or external events over time.

- ✗ This dataset or data source is not part of a time series. There are no previous releases of this data and no subsequent collections are planned at this time.

More information about standards: The NSW simplified geology dataset have a standard geodatabase schema, and are assigned a standard set of attributes, projection and data structure.

More information about similar or related data sources: Geoscience Australia 1:1 million scale surface geology of Australia. The NSW 1:1.5 million scale geology has simplified and extensively edited from the GA dataset, however, the major boundaries and units still agree with each other spatially.



INTERPRETABILITY

High



- ✓ A **data dictionary** is available to explain the meaning of data elements, their origin, format and relationships.
- ✓ Information is available about the primary data sources and methods of data collection. (For example: instruments, forms, instructions.)
- ✓ Information is available to help Users evaluate the accuracy of the data and any level of error.
- ✓ Information is available to explain concepts, help Users correctly interpret the data and understand how it can be used.
- ✓ Information is available to explain ambiguous or technical terms used in the data.

Find out more about the data dictionary from the Custodian (contact details below).

Find out more about the primary data sources and methods of data collection from the Custodian (contact details below).

Find out more about how to evaluate the accuracy of the data and any level of error from the Custodian (contact details below).

Find out more about concepts used in this dataset and how to understand or interpret the data from the Custodian (contact details below).

Find out more about ambiguous or technical terms used in the data from the Custodian (contact details below).



ACCESSIBILITY

Medium



- ✓ This dataset or data source is available online with an **open licence** –Attribution (CC BY)
- ✓ This dataset or data source is available in a **machine-processable, structured format**.
- ✓ This dataset or data source is available in a **non-proprietary format**.
- ✓ This dataset or data source is described using **open standards** and **persistent identifiers**.

- ✗ This dataset or data source is not **linked to other data**.

This dataset or data source is available in the following digital file types or formats: Web Service, Other, ESRI ArcGIS geodatabase

Additional information about the use of identifiers and links to other data: N/a

Information to help users evaluate relevance

Scope & Coverage:

What the data was designed to measure, monitor, or report: This dataset shows This feature class shows the 1:1,500,000 scale simplified surface geology for New South Wales, Australia.

Target of the data collection: The Geological Survey of NSW developed the 1:1.5 million scale simplified geology of NSW in 2009 to provide up-to-date synthesis of the surface geology of the state. The map has been compiled principally from 1:250 000 scale geological map data.

There were no individuals, groups or occurrences excluded from the data collection.

Geographic detail:

Data cover the following geographic area(s): State

The data are available at the following levels of geography:XY (geocode)

At lower levels of geography, the data are represented or apportioned as follows: N/A

Outputs:

The data are available as: Published (unstructured content, assembled into a form suitable for wide dissemination)

Other cautions:

The data does not represent or cover: The dataset doesn't attempt to show rock units or boundaries which would not be visible below its 1:1.5 million scale of publication. The data has therefore been substantially simplified from its original source data.

Other cautions or recommendations to enable effective use and interpretation of the data: N/A

Reference period:

Period for which the data were obtained: 01-06-2009 - 01-06-2009

There were no exceptions to the data collection or observation period. (eg delays in receipt of data, changes to recording processes)

Timing:

Updates and revisions: There is no revision policy

The data became available (ie released or published) on: 01-06-2009

Frequency of production:

Data is collected or expected to be produced: Never/Static

DATA DISCLAIMER

NSW Government is committed to producing data that is accurate, complete and useful. Notwithstanding its commitment to data quality, NSW Government gives no warranty as to the fitness of this data for a particular purpose. While every effort is made to ensure data quality, the data is provided “as is”. The burden for fitness of the data relies completely with the User. NSW Government shall not be held liable for improper or incorrect use of the data.

For more information about this dataset or data source, contact:

Dr Gary Colquhoun

Custodian email:

gary.colquhoun@industry.nsw.gov.au

Custodian phone:

02 4931 6735



Understanding the Data Quality Statement

The data quality statement aims to help you understand how a particular dataset could be used and whether it can be compared with other, similar datasets. It provides a description of the characteristics of the data to help you decide whether the data will be fit for your specific purpose.

About the quality rating:

The reporting questionnaire asks five questions for each of these data quality dimensions:

- Institutional Environment
- Accuracy
- Coherence
- Interpretability
- Accessibility

For each question: “yes” = 1 point; “no” = 0 points

The number of points determines the Quality Level for each dimension (high, medium, low).

Only dimensions with four or five points receive a star.

Points	Quality Level	Star / No Star
0	LOW	No Star
1	LOW	No Star
2	LOW	No Star
3	MEDIUM	No Star
4	MEDIUM	Star
5	HIGH	Star

More information?

The data quality reporting questionnaire and further explanation of the data quality dimensions is provided in the NSW Government Standard for Data Quality Reporting published at <http://finance.nsw.gov.au/ict/data-interopability-standards>



Evaluating data quality

Quality relates to the data's "fitness for purpose". Users can make different assessments about the data quality of the same data, depending on their "purpose" or the way they plan to use the data.

The following questions may help you evaluate data quality for your requirements. This list is not exhaustive. Generate your own questions to assess data quality according to your specific needs and environment.

- What was the primary purpose or aim for collecting the data?
- How well does the coverage (and exclusions) match your needs?
- How useful are these data at small levels of geography?
- Does the population presented by the data match your needs?
- To what extent does the method of data collection seem appropriate for the information being gathered?
- Have standard classifications (eg industry or occupation classifications) been used in the collection of the data? If not, why? Does this affect the ability to compare or bring together data from different sources?
- Have rates and percentages been calculated consistently throughout the data?
- Is there a time difference between your reference period, and the reference period of the data?
- What is the gap of time between the reference period (when the data were collected) and the release date of the data?
- Will there be subsequent surveys or data collection exercises for this topic?
- Are there likely to be updates or revisions to the data after official release?