

Title	Soil and Land Resources of the Merriwa Plateau
Abstract	<p>This digital soil landscape product contains natural resource mapping for the Merriwa. The Merriwa Plateau is located in the upper Hunter catchment including hills of the Southern Liverpool Ranges; grading to gently sloped plateau around Merriwa. The project was funded by the National Partnership Agreement to provide improved soil and landscape information for this highly productive agricultural area. It has enabled more accurate and better quality Land and Soil Capability and Soil Fertility information to be available for future updates of Biophysical Strategic Agricultural Land (BSAL) mapping under the NSW Strategic Regional Land Use Policy (SRLUP). This resource information will also assist other decision making, planning and environmental modelling throughout the catchment.</p> <p>Forty soil landscape map units have been described for the Merriwa Plateau. Each unit is an inventory of soil and landscape information with relatively uniform land management requirements, allowing major soil and landscape qualities and constraints to be identified. Soils are described using the Australian Soil Classification and the Great Soil Groups systems.</p> <p>Related Datasets: The dataset area is also covered by the mapping of the Soil landscape 1:100 000 and 1:250 000 mapping series for the mapsheets of Dubbo, Singleton, Murrurundi and Blackville. Part of this area is also covered by the mapping of Hydrogeological landscapes of NSW.</p> <p>Online Maps: This and related datasets can be viewed using eSPADE (NSW's soil spatial viewer), which contains a suite of soil and landscape information including soil profile data. Many of these datasets have hot-linked soil reports. An alternative viewer is the SEED Map; an ideal way to see what other natural resources datasets (e.g. vegetation) are available for this map area.</p> <p>Reference: Office of Environment and Heritage, 2014, <i>Soil and Land Resources of the Merriwa Plateau</i>, NSW Office of Environment and Heritage, Sydney.</p>
Resource locator	
Data quality statement	<p>Name: Data quality statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>DQS - Soil and Land Resources of the Merriwa Plateau</p> <p>Function: download</p>
Show on eSPADE Web Map	<p>Name: Show on eSPADE Web Map</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>View dataset on eSPADE spatial viewer.</p> <p>Function: download</p>
Soil and land resource data package	<p>Name: Soil and land resource data package</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Download data package: shapefile and PDF reports</p> <p>Function: download</p>
Soil map information	<p>Name: Soil map information</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Web page about soil maps in NSW.</p> <p>Function: download</p>
Land and soil	<p>Name: Land and soil information</p>

[information](#)

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Web page about land and soil information in NSW.

Function: download

Unique resource identifier

Code 1575c709-f05d-4039-bc86-87db14708af6

Presentation form mapDigital

Edition 1.0 (v160929)

Dataset language eng

Metadata standard

Name ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata

Version 1.1

Dataset URI <https://datasets.seed.nsw.gov.au/dataset/1575c709-f05d-4039-bc86-87db14708af6>

Purpose This dataset was funded by National Partnership Agreement to collect improved soil and land information to upgrade Land and Soil Capability and Soil Fertility mapping for use in the SRLUP. It was then published in April 2015.

Status completed

Spatial representation

Type vector

Spatial reference system

Authority code GDA94 Geographic (Lat\Long)

Code identifying the spatial reference system 4283

Equivalent scale 1:None

Topic category

Keyword set

keyword value

- SOIL
- SOIL-Erosion
- LAND-Topography
- LAND-Cover
- HAZARDS-Flood
- HAZARDS-Landslip

LAND-Use	
VEGETATION	
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	149.584351
East bounding longitude	150.899963
North bounding latitude	-32.178449
South bounding latitude	-31.665585
NSW Place Name	Merriwa Plateau
Vertical extent information	
Minimum value	-100
Maximum value	2228
Coordinate reference system	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
Temporal extent	
Begin position	2013-01-06
End position	N/A
Dataset reference date	
Date type	publication
Effective date	2015-04-30
Resource maintenance	
Maintenance and update frequency	None
Contact info	
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
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Responsible party role	pointOfContact

Lineage	<p>The mapping was upgraded to Soil and Land Resource 1:100,000 scale standard by the NSW Government using:</p> <ul style="list-style-type: none">existing published 1:100,000 soil landscape mapping (Blackville and Murrurundi 1:100,000 map sheets). Some minor linework changes were made to the mappingnew mapping for parts of Merriwa, Muswellbrook, Gulgong and Coolah, 1:100,000 map sheets <p>Traditional soil survey methods and standards were used to produce this soil map product. Information from previous soil and geology surveys were used. Linework was captured by digitizing on screen at approximately 1:10,000 using ArcGIS.</p> <p>Provisional soil landscapes were established on the dominant geomorphic processes responsible for the formation of the landscape and on the geological parent material. The boundaries of these soil landscapes were mapped using the interpretation of ADS40 photographs, SPOT satellite imagery, DEM and radiometric imagery.</p> <p>Fieldwork was conducted assessing a suite of soil and landscape properties. Dominant sub landscapes classes, their soil types were identified and soil landscape hazards assessed. Over 150 additional detailed soil profiles and observations were collected across the project area to fill knowledge and data gaps. A small subset of samples were also collected for laboratory analysis to support the survey.</p>		
Limitations on public access			
Scope	dataset		
Responsible party			
Contact position	Data Broker		
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water		
Full postal address	NSW Australia data.broker@environment.nsw.gov.au		
Telephone number	131555		
Email address	data.broker@environment.nsw.gov.au		
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew		
Responsible party role	pointOfContact		
Metadata point of contact			
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Full postal address	NSW Australia data.broker@environment.nsw.gov.au		
Telephone number	131555		
Email address	data.broker@environment.nsw.gov.au		
Responsible party role	distributor		
Metadata date	2016-04-10		
Metadata language	eng		