

Title	Soil Landscapes of the Macksville-Nambucca 1:100,000 Sheets
Abstract	<p>This map is one of a series of soil landscape maps that are intended for all of central and eastern NSW, based on standard 1:100,000 and 1:250,000 topographic sheets. The map provides an inventory of soil and landscape properties of the area and identifies major soil and landscape qualities and constraints. It integrates soil and topographic features into single units with relatively uniform land management requirements. Soils are described in terms of soil materials in addition to the Australian Soil Classification and the Great Soil Group systems.</p> <p>Related Datasets: The dataset area is also covered by the mapping of Acid Sulphate Soil Risk Mapping.</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: Eddie M.W., 1999, <i>Soil Landscapes of the Macksville-Nambucca 1:100,000 Sheets</i> map and report, NSW Department of Land and Water Conservation, 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 Landscapes of the Macksville-Nambucca 1:100,000 Sheets</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 landscape data package	<p>Name: Soil landscape data package</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Download complete package: GIS data, soil landscape reports and JPG map</p> <p>Function: download</p>
GIS data	<p>Name: GIS data</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Download shapefile and ESRI layer file</p> <p>Function: download</p>
Soil landscape reports	<p>Name: Soil landscape reports</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Download complete soil landscape report & individual landscape descriptions.</p> <p>Function: download</p>
Soil landscape map	<p>Name: Soil landscape map</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p>

NSW Government Online Shop Soil map information Land and soil information	Download high quality JPG map Function: download
	Name: NSW Government Online Shop Protocol: WWW:DOWNLOAD-1.0-http--download Description: Purchase hardcopy map and report from Shop.DPIE website Function: download
	Name: Soil map information Protocol: WWW:DOWNLOAD-1.0-http--download Description: Web page about soil maps in NSW. Function: download
	Name: Land and soil information Protocol: WWW:DOWNLOAD-1.0-http--download Description: Web page about land and soil information in NSW. Function: download
Unique resource identifier	
Code	abb3168f-8d2e-44dd-a5e8-bf191ad39747
Presentation form	Map digital
Edition	1.0
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/abb3168f-8d2e-44dd-a5e8-bf191ad39747
Purpose	Support natural resource management and decision making.
Status	Completed
Spatial representation	
Type	vector
Geometric Object Type	surface
Geometric Object Count	1547

Spatial reference system	
Code identifying the spatial reference system	4283
Equivalent scale	1:None
Additional information source	<p>GIS Field name descriptions</p> <p>CODE - Soil landscape code NAME - Soil landscape name PROCESS - Process Group of the soil landscape. Groups are named after either recent or current land-forming processes, or conditions that influence soil parent material or soil type. Descriptions of these groups are available within soil landscape reports and on the DPIE website. LANDSCAPE - A string combining process group and the soil landscape code. The first two capital letters are the process groups abbreviation and the remaining letters are the soil landscape code. VERSION - Version number</p> <p>Available Formats</p> <ul style="list-style-type: none"> • View online using eSPADE Spatial viewer • Download JPG map, report or GIS ESRI shapefiles(.shp) & layer files (.lyr) from SEED data portal. • Purchase a hard-copy map and report from Shop.DPIE • Soil profile points data is also available in MS spreadsheet format by contacting the data custodians at soils@environment.nsw.gov.au
Topic category	
Keyword set	
keyword value	AGRICULTURE GEOSCIENCES-Geology GEOSCIENCES-Geomorphology HAZARDS-Flood HAZARDS-Landslip LAND-Geography SOIL SOIL-Chemistry SOIL-Erosion SOIL-Physics VEGETATION
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	148.501173
East bounding longitude	149.00117
	-31.998437

North bounding latitude	-31.498434
NSW Place Name	Macksville and Nambucca 1:100,000 map sheets
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	1994-01-07
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Unknown
Contact info	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
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
Lineage	<p>Provisional soil landscapes were established firstly on the dominant geomorphic processes responsible for the formation of the landscape and secondly on the geological parent material. The boundaries of these provisional soil landscapes were mapped using stereoscopic interpretation of 1:25,00 scale colour aerial photographs. LANDSAT thematic mapper imagery was used to assist with perception and charting of provisional soil landscapes. These boundaries were transferred onto 1:25,00 topographic base maps. After field checking boundaries and detailed investigations of the soil, the provisional landscapes were confirmed, amalgamated or sub-divided. The resulting soil landscapes are presented on the map at 1:100,000 scale in groups based on their dominant geomorphic processes. A colour has been allocated to each group.</p> <p>Soils were examined and described in detail at over 264 sites. At each site, soil morphological data and site information was recorded on Soil Data System cards. Sufficient field work was undertaken within each soil landscape to identify the range of soil materials present and to enable their distribution within the landscape to be described.</p> <p>The GIS shapefile linework has been updated to reflect latest hydrology data. Therefore small differences will occur between the shapefile and hard copy map.</p>
Limitations on public access	

Scope	dataset
DQ Completeness Commission	
Effective date	1999-01-01
Explanation	<p>Each soil landscape generally has at least six soil profile descriptions. Each soil landscape with difficult access has at least two soil profile descriptions. The number of soil profile descriptions and observations are within the recommended range specified in the Australian Soil and Land Survey Handbook (Reid 1988). Soil landscape polygons less than 40 hectares, and elongated polygons less than 300 m wide are generally not shown unless they are unusually significant.</p> <p>Spatially completed soil landscape map data and field verified.</p>
DQ Completeness Omission	
Effective date	1900-01-10
DQ Conceptual Consistency	
Effective date	1999-01-01
Explanation	<p>The map and report have been checked for technical consistency and compliance with soil landscape map series standards. Map unit concepts and polygons, major soil types and soil landscape descriptions have been field verified (field edited) by a peer soil surveyor. Soil landscape boundaries have been checked and refined using iterative field and aerial photo checks.</p>
DQ Topological Consistency	
Effective date	1999-01-01
Explanation	ArcGIS was used to ensure all polygons in the shapefile are topologically correct.
DQ Absolute External Positional Accuracy	
Effective date	1999-01-01
Explanation	<p>Observations and soil profile numbers are located onto the field sheets in the field. Location is determined by map reading (with accuracy to 25m) and where this is not possible using Global Positioning Systems (with accuracy within 100m). Field sheets are digitised to 13m accuracy.</p> <p>Boundaries between soil landscapes are shown as solid lines where they could be delineated reliably and as broken lines where they are more diffuse or difficult to identify.</p>
DQ Non Quantitative Attribute Correctness	
Effective date	1999-01-01
Explanation	<p>Soil landscape map units are individualised by unique combinations of soil type, topography, geology, vegetation, land use existing erosion/land degradation and constraints to development. The land and soil attributes in this product were predominately assessed from field observations and aerial photo interpretation.</p> <p>Soil laboratory tests are undertaken for at least one representative sample for each soil material. Where possible, the chemical test methods adopted are the same as those in Raymond and Higginson (1992). Single test results provided for each soil material are intended as a guide only and variation in physical and chemical properties within each soil material should be anticipated.</p> <p>Soils were examined and described in in the field. At each site, soil morphological data and site information were recorded on Soil and Land Information System (SALIS) cards. Sufficient field work was undertaken within each soil landscape to identify the range of soils present and to enable their distribution within the landscape to be described.</p>

Responsible party	
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Metadata point of contact	
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Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact
Metadata date	2024-02-26T13:43:10.462658
Metadata language	