

Title	Soil Landscapes of the Cooma 1:100,000 Sheet
Abstract	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 Great Soil Group and Northcote classification systems. The Cooma 1:100,000 map sheet covers the Peak View, Kybeyan, Rock Flat and Chakola areas. Online Maps: This dataset 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. Reference: Tulau M.J., 1994, <i>Soil Landscapes of the Cooma 1:100,000 Sheet</i> map and report, NSW Department of Conservation and Land Management, Sydney.
Resource locator	
Data quality statement	Name: Data quality statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: DQS - Soil Landscapes of the Cooma 1:100,000 Sheet Function: download
Show on eSPADE Web Map	Name: Show on eSPADE Web Map Protocol: WWW:DOWNLOAD-1.0-http--download Description: View dataset on eSPADE spatial viewer. Function: download
NSW Government Online Shop	Name: NSW Government Online Shop Protocol: WWW:DOWNLOAD-1.0-http--download Description: Purchase hardcopy map and report from Shop.DPIE website Function: download
Soil map information	Name: Soil map information Protocol: WWW:DOWNLOAD-1.0-http--download Description: Web page about soil maps in NSW. Function: download
Land and soil information	Name: Land and soil information Protocol: WWW:DOWNLOAD-1.0-http--download Description: Web page about land and soil information in NSW. Function: download
Soil landscape map	Name: Soil landscape map Protocol: WWW:DOWNLOAD-1.0-http--download Description:

GIS data	Download high quality JPG map
	Function: download
	Name: GIS data
Soil landscape reports	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Download shapefile and ESRI layer file
Soil landscape data package	Function: download
	Name: Soil landscape reports
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Download complete soil landscape report & individual landscape descriptions
	Function: download
	Name: Soil landscape data package
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Download complete package: GIS data, soil landscape reports and JPG map.
	Function: download
Unique resource identifier	
Code	b2509172-0919-4a36-8a73-cae9682d3e40
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/b2509172-0919-4a36-8a73-cae9682d3e40
Purpose	Support natural resource management and decision making.
Status	Completed
Spatial representation	
Type	vector
Geometric Object Type	surface
Geometric Object Count	722
Spatial reference system	

Code identifying the spatial reference system	4283
Equivalent scale	1:None
Additional information source	GIS Field name descriptions 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 Available Formats • 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	149.001219
East bounding longitude	149.501222
North bounding latitude	-36.498449
South bounding latitude	-35.998441

NSW Place Name	Cooma 1:100,000 map sheet
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	1990-01-01
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	
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 1:40,000 scale black and white aerial photographs. LANDSAT thematic mapper imagery was used to assist with perception and charting of provisional soil landscapes. These boundaries were transferred onto 1:25,000 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. Soils were examined and described in detail at over 380 sites. At each site, soil morphological data and site information were 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. The GIS shapefile linework has been updated to reflect latest hydrology data. Therefore small differences will occur between the shapefile and hard copy map.	
Limitations on public access	

Scope	dataset
DQ Completeness Commission	
Effective date	2009-01-10
Explanation	Each soil landscape generally has a representative profile (type profile) for each sub-landscape (facet) within it. Soil landscapes with difficult access may have very little to no 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.
DQ Completeness Omission	
Effective date	2009-01-10
DQ Conceptual Consistency	
Effective date	2009-01-10
Explanation	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.
DQ Topological Consistency	
Effective date	2009-01-10
Explanation	Logical consistency of vector data was assessed at the time of map digitisation. ArcGIS was used to ensure all polygons in the shapefile are topologically correct.
DQ Absolute External Positional Accuracy	
Effective date	2009-01-10
Explanation	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.
DQ Non Quantitative Attribute Correctness	
Effective date	2009-01-10
Explanation	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. 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. Soils were examined and described 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.

Responsible party	
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
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	2024-02-26T13:39:31.063311
Metadata language	