Title

Soil Landscapes of the Dubbo 1:250,000 Sheet

Abstract

This map is one of a series of soil landscape maps that are intended for all of eastern and central NSW, based on standard 1:100,000 or 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 Great Soil Group and Northcote classification systems.

Related Datasets: The dataset area is also covered by the mapping of the Soil and Land Resources of the Hawkesbury-Nepean Catchment, Soil and Land Resources of the Merriwa Plateau and Hydrogeological landscapes of NSW.

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.

Reference: Murphy B.W. and Lawrie J.M., 2010, *Soil Landscapes of the Dubbo 1:250,000 Sheet* map, Edition 1 reprint, Department of Environment, Climate Change and Water NSW, Sydney.

Murphy B.W. and Lawrie J.M., 1998, Soil Landscapes of the Dubbo 1:250,000 Sheet report, NSW Department of Land and Water Conservation, Sydney.

Resource locator

Data quality statement

Name: Data quality statement

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

Description:

DQS - Soil Landscapes of the Dubbo 1:250,000 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 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: Download high quality JPG map Function: download
GIS data	Name: GIS data Protocol: WWW:DOWNLOAD-1.0-http--download Description: Download shapefile and ESRI layer file Function: download
Soil landscape data package	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
Soil landscape reports	Name: Soil landscape reports Protocol: WWW:DOWNLOAD-1.0-http--download Description: Download complete soil landscape report & individual landscape descriptions. Function: download

Unique resource identifier

Code	b6f6ab04-9f4d-4505-aa3a-99653d30072f

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/b6f6ab04-9f4d-4505-aa3a-99653d30072f
Purpose	Support natural resource management and decision making.
Status	Completed

Spatial representation

Type	vector
Geometric Object Type	surface

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
SOIL_GROUP - A broad classification based on the Great Soil Group system. It describes the major soil group for each soil landscape and is used to group landscapes for display purposes on the hard copy maps. SOIL_CODE - A string combining the soil group and the soil landscape code. The first two or three capitals letters are the soil group 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 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-Topography
	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	148.501
East bounding longitude	150.001
North bounding latitude	-32.998
South bounding latitude	-31.998

NSW Place Name	Dubbo 1:250,000 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	1982-01-01
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 parent material influencing the formation of the landscape and secondly, on topography. The boundaries of these provisional soil landscapes were mapped using stereoscopic interpretation of 1980 1:50,000 scale black and white aerial photographs. These boundaries were transferred onto 1:100,000 topographic base maps.After field checking boundaries and detailed investigation of the soils, the provisional landscapes were confirmed, amalgamated or sub-divided. The resulting soil landscapes are presented on the map at 1:250,000 scale in groups based on their dominant soil type. A colour symbology has been allocated to each group.

The GIS shapefile linework has been updated to reflect the 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	2010-01-01
Explanation	The data set is complete for the entire 1:250,000 map sheet. 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 250 ha are generally not shown unless they are locally significant. Continuity with other soil landscape maps is ensured by plotting boundaries up to 5 km beyond the perimeter of the mapping area.

DQ Completeness Omission

Effective date	2001-01-01

DQ Conceptual Consistency

Effective date	2010-01-01
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. Logical consistency of vector data was assessed at the time of map digitisation.

DQ Topological Consistency

Effective date	2010-01-01
Explanation	ArcGIS was used to ensure all polygons in the shapefile are topologically correct.

DQ Absolute External Positional Accuracy

Effective date	2010-01-01
Explanation	Map cadastral data is from the AUSLIG 1:100,000 Series. Polygon and soil profile attributes were determined in the field using either a GPS or 1:100,000 CMA topographic map with accuracy to 100 m. Boundaries have been checked and refined using an iterative field edit as well as air photo checks. Most boundaries could be delineated readily, but a small number were more diffuse or difficult to identify.

DQ Non Quantitative Attribute Correctness

Effective date	2010-01-01
Explanation	Soils were examined and described in detail at over 200 sites, and observed and inspected at many hundreds of observations over the 67 soil landscapes. At each described site, soil morphological data and site information were recorded on Soil and Land Information System cards. This is within the recommended range of ground observation densities specified in the Australian Soil and Land Survey Handbook (McDonald et al. 1990). 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 authors had worked in the area as soil extension or investigation officers for many years, thus adding to their knowledge.

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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Metadata date

2024-02-26T15:40:48.949621

Metadata language