Title	Soil Landscapes of the Blackville 1:100,000 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 Blackville 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 Australian Soil Classification and Great Soil Group systems.
	<b>Related Datasets:</b> The dataset area is also covered by the mapping of the <u>Soil and</u> <u>Land Resources of the Liverpool Plains Catchment</u> and <u>Hydrogeological landscapes of</u> NSW.
	<b>Online Maps:</b> This and related datasets can be viewed using <u>eSPADE</u> (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 <u>SEED Map</u> ; an ideal way to see what other natural resources datasets (e.g. vegetation) are available for this map area.
	<b>Reference:</b> Banks RG, 1998, Soil Landscapes of the Blackville 1:100,000 Sheet map and report, NSW Department of Land and Water Conservation, Sydney.
Resource loca	itor
<u>Data quality</u>	Name: Data quality statement
statement	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	DQS - Soil Landscapes of the Blackville 1:100,000 Sheet
	Function: download
Show on	Name: Show on eSPADE Web Map
eSPADE Web	Protocol: WWW:DOWNLOAD-1.0-httpdownload
<u>Мар</u>	Description:
	View dataset on eSPADE spatial viewer.
	Function: download
<u>GIS data</u>	Name: GIS data
	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	Download shapefile and ESRI layer file
	Function: download
<u>Soil landscape</u>	Name: Soil landscape map
<u>map</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	Download high quality JPG map
	Function: download
<u>NSW</u>	Name: NSW Government Online Shop
Government Online Shop	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	Purchase hardcopy map and report from Shop.DPIE website
	Function: download
<u>Soil map</u>	Name: Soil map information
<u>information</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload

	Description:
	Web page about soil maps in NSW.
	Function: download
Land and soil information	Name: Land and soil information
	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	Web page about land and soil information in NSW.
	Function: download
Soil landscape	Name: Soil landscape data package
<u>data package</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	Download complete package: GIS data, soil landscape reports and JPG map.
	Function: download
<u>Soil landscape</u>	Name: Soil landscape reports
<u>reports</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	Download complete soil landscape report & individual landscape descriptions.
	Function: download
Unique resourc	ce identifier
Code	2090ffe3-f397-44a6-89b9-6cb1f6eda439
Presentation	Desument divited
	Document digital
form	1.0
form Edition Dataset	
form Edition Dataset language	1.0 English
form Edition Dataset language Metadata stan	1.0 English
form Edition Dataset language Metadata stan Name	1.0 English dard
form Edition Dataset language Metadata stan Name Edition	1.0 English dard ISO 19115
form Edition Dataset language Metadata stan Name Edition Dataset URI Purpose	1.0 English dard ISO 19115 2016
form Edition Dataset language Metadata stan Name Edition Dataset URI Purpose	1.0         English         dard         ISO 19115         2016         https://datasets.seed.nsw.gov.au/dataset/2090ffe3-f397-44a6-89b9-6cb1f6eda439
form Edition Dataset language Metadata stan Name Edition Dataset URI Purpose Status	1.0         English         dard         ISO 19115         2016         https://datasets.seed.nsw.gov.au/dataset/2090ffe3-f397-44a6-89b9-6cb1f6eda439         Support natural resource management and decision making.         Completed
form Edition Dataset language Metadata stan Name Edition Dataset URI Purpose Status Spatial represe	1.0         English         dard         ISO 19115         2016         https://datasets.seed.nsw.gov.au/dataset/2090ffe3-f397-44a6-89b9-6cb1f6eda439         Support natural resource management and decision making.         Completed
form Edition Dataset language Metadata stan Name Edition Dataset URI	1.0         English         dard         ISO 19115         2016         https://datasets.seed.nsw.gov.au/dataset/2090ffe3-f397-44a6-89b9-6cb1f6eda439         Support natural resource management and decision making.         Completed

Spatial reference system				
Code identifying the spatial reference system	4283			
Equivalent scale	1:None			
Additional information source	<ul> <li>GIS Field name descriptions</li> <li>CODE - Soil landscape code</li> <li>NAME - Soil landscape name</li> <li>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.</li> <li>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.</li> <li>VERSION - Version number</li> <li>Available Formats</li> <li>View online using eSPADE Spatial viewer</li> <li>Download JPG map, report or GIS ESRI shapefiles(.shp) &amp; layer files (.lyr) from SEED data portal.</li> <li>Purchase a hard-copy map from Shop.DPIE</li> <li>Soil profile points data is also available in MS spreadsheet format by contacting</li> </ul>			
Topic catego Keyword set	у			
keyword value		AGRICULTURE		
		GEOSCIENCES-Geology		
		GEOSCIENCES-Geomorphology		
		HAZARDS-Flood		
		HAZARDS-Landslip		
		LAND-Topography		
		SOIL		
		SOIL-Chemistry		
		SOIL-Erosion		
		SOIL-Physics		
		VEGETATION		
Originating cont	olled vocabulary			
Title		ANZLIC Search Words		
Reference date		2008-05-16		
Geographic lo	cation			
West bounding longitude		150.001149		
East bounding lo	ngitude	150.501146		
		-31.99843		

South bounding latitude		-31.498427	
Vertical ex	ktent information		
Minimum value		-100	
Maximum va	alue	2228	
Coordinate r	eference system		
Authority code		urn:ogc:def:cs:EPSG::	
Code identifying the coordinate reference system		5711	
Temporal	extent		
Begin position		1996-02-01	
End position		N/A	
Dataset re	ference date		
Resource	maintenance		
Maintenance	e and update frequency	Unknown	
Contact info			
Contact po	osition	Data Broker	
Organisati	on name	NSW Department of Climate Change, Energy, the Environment and Water	
Telephone	number	131555	
Email addr	ess	data.broker@environment.nsw.gov.au	
Web addre	SS	https://www.nsw.gov.au/departments-and-agencies/dcceew	
Responsib	le 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 1984 1:40,000 scale black and white aerial photographs. LANDSAT Thematic Mapper false colour imagery, Airborne Gamma Radiometrics images and data, and ground electromagnetic induction (EMI) surveys were also used to help with perception and charting of provisional soil landscapes. These boundaries were transferred onto 1:25,000 topographic base maps.		
	landscapes were confirm presented on the map at	daries and detailed investigation of the soils, the provisional ed, amalgamated or sub-divided. The resulting soil landscapes are 1:100,000 scale in groups based on their dominant geomorphic been allocated to each group.	
	The GIS shapefile linewor	k has been updated to reflect latest hydrology data. Therefore ur between the shapefile and hard copy map.	

Scope	dataset	
DQ Completene	ess Commission	
Effective date	1998-01-01	
Explanation	The dataset is complete for the entire 1:100,000 map sheet. 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 ha and elongated polygons less than 300 m wide 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 Completene	ess Omission	
Effective date	2009-01-10	
DQ Conceptual	Consistency	
Effective date	1998-01-01	
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.	
DQ Topological	Consistency	
Effective date	1998-01-01	
Explanation	Logical consistency of vector data was assessed at the time of map digitisation and ArcGIS was used to ensure all polygons in the shapefile are topologically correct.	
DQ Absolute Ex	ternal Positional Accuracy	
Effective date	1998-01-01	
Explanation	Polygon and soil profile data is determined in the field using either a GPS or 1:25 000 CMA topographic map with accuracy to 25 m. Boundaries have been checked and refined using an iterative field edit as well as air photo checkss. Solid line boundaries are accurate generally within 100 m. Generally, dashed line boundaries are accurate within 100-250 m, and indicate boundaries that are diffuse or difficult to identify.	
DQ Non Quantit	tative Attribute Correctness	
Effective date	1998-01-01	
Explanation	Soils were examined and described in detail at over 191 sites, and observed and inspected at many hundreds of observations over the 30 soil landscapes. At each described site, soil morphological data and site information were recorded on Soil and Land Information System cards. At the inspection sites the correct landscape classification was confirmed. Soil descriptions were made on road cuttings, quarries, drains, pits, auger holes and core samples. This is within the recommended range of ground observation densities specified in the Australian Soil and Land Survey Handbook (McDonald et al. 1990).	
	Over 235 samples were collected for laboratory analysis. At least one sample was tested from each of the 128 soil materials identified. 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.	

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				
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 date	2024-08-12T03:17:27.208082			
Metadata language				