

<b>Title</b>	Bathurst Rural Hydrogeological Landscapes: June 2011 (First Edition)
<b>Alternative title(s)</b>	Bathurst Rural HGLs
<b>Abstract</b>	<p>The Hydrogeological Landscape (HGL) concept provides a structure for the understanding of how salinity manifests itself in the landscape and how differences in salinity are expressed across the landscape. A HGL spatially defines areas of similar salt stores and pathways for salt mobilisation. The process of HGL determination relies on the integration of a number of factors: geology, soils, slope, regolith depth, and climate; an understanding of the differences in salinity development; and the impacts (land salinity/salt load/water electrical conductivity) in landscapes. Information sources such as soils maps, site characterisation, salinity site mapping, hydrogeological conditions and surface and groundwater data are combined to develop standard templates for each HGL. The focus of this package is the rural areas managed by the Bathurst Regional Council (BRC). This metadata relates to the maps and digital spatial data developed for the project, including derivative maps to assist in land management decision making. This includes information on salinity management from the perspectives of land use design, scales and types of management, landscape function, management strategies, actions and outcomes, as well as land use to be avoided.</p> <p>Spatial resolution for this product is 1:50 000.</p>
<b>Resource locator</b>	
<a href="#">Data Quality Statement</a>	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>DQS - Bathurst Rural Hydrogeological Landscapes: June 2011 (First Edition)</p> <p>Function: download</p>
<b>Unique resource identifier</b>	
<b>Code</b>	8c17e13e-53c4-4a6a-9810-211650168256
<b>Presentation form</b>	mapDigital
<b>Edition</b>	First
<b>Dataset language</b>	eng
<b>Metadata standard</b>	
<b>Name</b>	ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata
<b>Version</b>	1.1
<b>Dataset URI</b>	<a href="https://datasets.seed.nsw.gov.au/dataset/8c17e13e-53c4-4a6a-9810-211650168256">https://datasets.seed.nsw.gov.au/dataset/8c17e13e-53c4-4a6a-9810-211650168256</a>
<b>Purpose</b>	This data package was generated for the Bathurst Regional Council (BRC). It provides a framework to assist in the understanding of landscapes, the variability across the landscape and appropriate management activities. It will allow for more informed decisions leading to better planning and rural development strategic outcomes.
<b>Status</b>	completed
<b>Spatial representation</b>	
<b>Type</b>	vector
<b>Spatial reference system</b>	

Authority code	GDA94 / MGAZone 55
Code identifying the spatial reference system	28355
Equivalent scale	1:None
Additional information source	Source datasets: Soil Landscapes of the Bathurst 1:250 000 sheet (OEH); Central West CMA Hydrogeological Landscape Systems (CW CMA); GEODATA TOPO 250K Series 3 (Geoscience Australia); Geophysical Datasets - radiometrics (Geoscience Australia - GADDs); Bathurst NSW Regolith-Landform map 1:250 000 (Geoscience Australia); Bathurst NSW Regolith-Landform map 1:100 000 (Geoscience Australia); Surface Geology of Australia 1:1 million scale, New South Wales - 2010 edition (Geoscience Australia); Bathurst 1:250 000 Geological Sheet SI/55-08, second edition (Geoscience Australia/NSW Geological Survey); New South Wales DTDB Landform Theme 50K Digital Terrain Models (Land and Property Management Authority); New South Wales Digital Topographic Database DTDB (Land and Property Management Authority).
Topic category	
Keyword set	
keyword value	BOUNDARIES-Biophysical SOIL GEOSCIENCES-Geology GEOSCIENCES-Geomorphology GEOSCIENCES-Hydrogeology WATER-Salinity LAND-Use
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	149.117
East bounding longitude	150.067
North bounding latitude	-34
South bounding latitude	-32.942
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	2011-01-01
End position	N/A
Dataset reference date	
Date type	publication
Effective date	2011-06-28
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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Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Responsible party role	pointOfContact
Lineage	The hydrogeological landscape (HGL) mapping used the following base data for delineation of map units: published 1:250 000 geological mapping data (polygon); published 1:250 000 soil landscape data (polygon); published 1:250 000 and 1:100 000 regolith-landform mapping data (polygon); hydrogeological landscape systems data for the Central West CMA area (polygon); Digital Elevation Model (DEM) for the Central West CMA area and derivative products taken from the 25 metre DEM; geophysical (radiometrics) imagery; and field observations and assessment. The published and reconnaissance level mapping were combined and rationalised to create a complete hydrogeological landscape classification (map unit) coverage for the entire Bathurst Rural Study Area.
Limitations on public access	
Scope	dataset
Responsible party	
Contact position	Data Broker
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Full postal address	NSW Australia data.broker@environment.nsw.gov.au
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Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact

## Metadata point of contact

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Responsible party role	distributor

Metadata date	2011-01-01
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Metadata language	eng
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