Title	Goulburn Hydrogeological Landscapes: June 2011 (First Edition)		
Alternative title(s)	Goulburn Hydrogeological Landscapes (HGL)		
Abstract	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 Goulburn Study Area. It comprises four volumes - Volume 1: project background, regional setting, methodologies, interpretations, conclusions, glossary and references; Volume 2: HGL templates, and information associated with the use of the HGL templates; Volume 3: maps and digital spatial data developed for the project, including derivative maps to assist in land management for rural and urban salinity in the Goulburn Study Area. 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.		
	Spatial resolution for this product is 1:100 000.		
Resource locator			
<u>Data Quality</u>	Name: Data Quality Statement		
<u>Statement</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload		
	Description:		
	DQS – Goulburn Hydrogeological Landscapes: June 2011 (First Edition)		
	Function: download		
Goulburn HGL	Name: Goulburn HGL package June 2011		
<u>package June</u> <u>2011</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload		
	Description:		
	Contains Goulburn HGL attributed boundary shapefile, PDF versions of derivative maps, and PDF versions of Goulburn HGL report and individual HGL descriptions.		
	Function: download		
Attributes of	Name: Attributes of Goulburn HGL		
<u>Goulburn HGL</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload		
	Description:		
	Summary of HGL attributes of Goulburn study area.		
	Function: download		
Unique resour	ce identifier		
Code	9c5fd31f-7c3b-4074-b865-c145e9942d2d		
Presentation form	Map digital		
Edition	First		
Dataset language	English		

Metadata standard			
Name	ISO 19115		
Edition	2016		
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/9c5fd31f-7c3b-4074-b865-c145e9942d2d		
Purpose	This data package was generated for the Hawkesbury Nepean Catchment Management Authority (HNCMA). Funding for this project was from the NSW Salinity Strategy Enhancement Program.		
Status	Completed		
Spatial representation			
Туре	vector		
Geometric Object Type	complex		
Spatial reference system			
Code identifying the spatial reference system	4283		
Equivalent scale	1:None		
Additional information source	Source datasets: ;Soil and Land Resources of the Hawkesbury-Nepean Catchment (OEH); Soil Landscapes of the Goulburn 1:250 000 sheet (OEH); Soil Landscapes of the Braidwood 1:100 000 sheet (OEH); Southeast NSW Native Vegetation Classification and Mapping - SCIVI VIS_ID 2230 (OEH); GEODATA TOPO 250K Series 3 (Geoscience Australia); Surface Geology of Australia 1:1 million scale, New South Wales - 2nd edition (Geoscience Australia); Goulburn 1:100 000 Geological Sheet 8828, Provisional 1st edition (NSW Geological Survey); Taralga 1:100 000 Geological Sheet 8829, Provisional 2nd edition (NSW Geological Survey); Gunning 1:100 000 Geological Sheet 8728, first edition (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 categor	у		
Keyword set			
keyword value	GEOSCIENCES-Geology		
	GEOSCIENCES-Geomorphology		
	HAZARDS		
	LAND-Use		
	SOIL		
	WATER-Salinity		
	GEOSCIENCES-Hydrogeology		
Originating contro	BOUNDARIES-Biophysical		
Title	ANZLIC Search Words		
Reference date	2008-05-16		

Geographic location			
West bounding longitude	149.411		
East bounding longitude	150.009		
North bounding latitude	-35.012		
South bounding latitude	-33.989		
NSW Place Name	Goulburn		
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	2008-07-01		
End position	N/A		
Dataset reference date			
Resource maintenance			
Maintenance and update frequency	Not planned		
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		
of map units: published 1 and 1:250 000 soil landsc (point); Digital Elevation N taken from the 25 metre - SCIVI VIS_ID 2230 (poly reconnaissance level map	The hydrogeological landscape (HGL) mapping used the following base data for delineation of map units: published 1:100 000 geological mapping data (polygon); published 1:100 000 and 1:250 000 soil landscape data (polygon); soil profile data from the OEH SALIS database (point); Digital Elevation Model (DEM) for Hawkesbury-Nepean CMA and derivative products taken from the 25 metre DEM; Southeast NSW Native Vegetation Classification and Mapping - SCIVI VIS_ID 2230 (polygon); and field observations and assessment. The published and reconnaissance level mapping were combined and rationalised to create complete hydrogeological landscape classification (map unit) coverage for the entire Goulburn Study Area.		
Limitations on public access			
Limitations on public access			

Scope	dataset			
DQ Completenes	DQ Completeness Commission			
Effective date	2011-01-01			
Explanation	Spatial data capture is complete for presentation and usage at 1:100 000 only.			
DQ Completenes	DQ Completeness Omission			
Effective date	2001-01-01			
DQ Conceptual (	Consistency			
Effective date	1900-01-01			
DQ Topological	DQ Topological Consistency			
Effective date	2011-01-01			
Explanation	All polygons in the coverage are topologically correct and all polygons have been attributed. Data has been visually checked at applicable scales.			
DQ Absolute External Positional Accuracy				
Effective date	2011-01-01			
Explanation	ne accuracy of the coverage varies across the mapping area as map polygon bundaries were derived from different sources. HGL boundaries derived from published nd draft 1:100 000 scale mapping are generally accurate to 100 m. HGL boundaries erived from published 1:250 000 scale mapping are approximate and generally ccurate to 250 m.			
DQ Non Quantita	ative Attribute Correctness			
Effective date	2011-01-01			
Explanation	All polygons are labelled with a hydrogeological landscape unit tag, and attributed with information relevant to salinity management. Attributes were checked as part of routine GIS capture quality assurance procedures, including a visual check of polygon tags against field data. During the fieldwork phase, regular meetings were held to discuss and review methods, processes and consistency in landscape interpretation and documentation.			
Responsible	Responsible party			
Contact positio	on Data Broker			
Organisation n	ame NSW Department of Climate Change, Energy, the Environment and Water			
Telephone num	nber 131555			
Email address	data.broker@environment.nsw.gov.au			
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew			
Responsible pa	arty 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	2024-02-26T12:44:35.083961		
Metadata language			