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| <b>Title</b>                           | Hydrogeological Landscapes for the Central West Catchment Management Authority: Western Study Area: May 2012 (First Edition)   |
| <b>Alternative title(s)</b>            | Western Central West Hydrogeological Landscapes  |
| <b>Abstract</b>                        | <p><u>NOTE: This dataset has been superseded by Hydrogeological Landscapes for the Central West Catchment Management Authority Western Study Area May 2013 Second Edition - <a href="https://datasets.seed.nsw.gov.au/dataset/hydrogeological-landscapes-for-the-central-west-catchment-management-authority-western-study-ar89be3">https://datasets.seed.nsw.gov.au/dataset/hydrogeological-landscapes-for-the-central-west-catchment-management-authority-western-study-ar89be3</a></u></p> <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 dataset is the Western Central West study area west of the Newell Highway. It comprises introductory information on HGLs; HGL templates; and maps and digital spatial data developed for the project, including derivative maps to assist in land management decision making in the Western Central West 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.</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 - Hydrogeological Landscapes for the Central West Catchment Management Authority: Western Study Area: May 2012 (First Edition)</p> <p>Function: download</p>   |
| <b>Unique resource identifier</b>      |  |
| <b>Code</b>                            | ab38d634-865e-4fb2-8381-3d9d3b289838   |
| <b>Presentation form</b>               | Map digital  |
| <b>Edition</b>                         | First  |
| <b>Dataset language</b>                | English  |
| <b>Metadata standard</b>               |  |
| <b>Name</b>                            | ISO 19115  |
| <b>Edition</b>                         | 2016   |
| <b>Dataset URI</b>                     | <a href="https://datasets.seed.nsw.gov.au/dataset/ab38d634-865e-4fb2-8381-3d9d3b289838">https://datasets.seed.nsw.gov.au/dataset/ab38d634-865e-4fb2-8381-3d9d3b289838</a>  |
| <b>Purpose</b>                         | This data package was generated for the Central West Catchment Management Authority (CWCMA).   |
| <b>Status</b>                          | Obsolete   |
| <b>Spatial representation</b>          |  |

|   |   |
|---|---|
| Type  | vector  |
| Geometric Object Type                         | complex   |
| <b>Spatial reference system</b>               |   |
| Code identifying the spatial reference system | 4283  |
| Equivalent scale                              | 1:None  |
| Additional information source                 | Source datasets: Hydrogeological-Landscape Systems over the Central West catchment, NSW (OEH); Nyngan Soil Landscape Map - Sheet Series SH/55-15 (OEH); Narromine Soil Landscape Map - Sheet Series SI/55-3 & Part Sheet Series SI/55-7 (OEH); Walgett Soil Landscape Map, Central West CMA - Part Sheet Series SH/55-11 (OEH); Gilgandra-Narrabri Soil Landscape Map - Sheet Series SH/5516 & Part Sheet Series SH/5512 (OEH); Soil Landscapes of the Dubbo 1:250,000 Sheet (OEH); Landscapes (Mitchell) of NSW - Version 2 (OEH); Land System of Western NSW (OEH); Dryland Salinity Outbreak Mapping - Eastern & Central New South Wales (OEH); GEODATA TOPO 250K Series 3 (Geoscience Australia); Radiometric Map of Australia (Grids) (Geoscience Australia); 1 second SRTM Derived Digital Elevation Model (Geoscience Australia); Surface Geology of Australia 1:1 million scale, New South Wales - 2nd edition (Geoscience Australia); Dubbo 1:100 000 Geological Sheet, 2nd edition (Geoscience Australia); 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). |
| <b>Topic category</b>                         |   |
| <b>Keyword set</b>                            |   |
| keyword value                                 | <p>GEOSCIENCES-Geology</p> <p>GEOSCIENCES-Geomorphology</p> <p>HAZARDS</p> <p>LAND-Use</p> <p>SOIL</p> <p>WATER-Salinity</p> <p>GEOSCIENCES-Hydrogeology</p> <p>BOUNDARIES-Biophysical</p>  |
| <b>Originating controlled vocabulary</b>      |   |
| Title   | ANZLIC Search Words   |
| Reference date                                | 2008-05-16  |
| <b>Geographic location</b>                    |   |
| West bounding longitude                       | 146.28  |
| East bounding longitude                       | 149.42  |
| North bounding latitude                       | -33.02  |
| South bounding latitude                       | -30.11  |
| <b>Vertical extent information</b>            |   |

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| Minimum value                                    | -100   |
| Maximum value                                    | 2228   |
| <b>Coordinate reference system</b>               |  |
| Authority code                                   | urn:ogc:def:cs:EPSG::  |
| Code identifying the coordinate reference system | 5711   |
| <b>Temporal extent</b>                           |  |
| Begin position                                   | 2008-10-01   |
| End position                                     | N/A  |
| <b>Dataset reference date</b>                    |  |
| <b>Resource maintenance</b>                      |  |
| Maintenance and update frequency                 | Not planned  |
| <b>Contact info</b>                              |  |
| Contact position                                 | Data Broker  |
| Organisation name                                | NSW Department of Climate Change, Energy, the Environment and Water  |
| Telephone number                                 | 131555   |
| Email address                                    | <a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>   |
| 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   |
| <b>Lineage</b>                                   | The hydrogeological landscape (HGL) mapping used the following base data for delineation of map units: published 1:1 million and 1:250 000 geological mapping data (polygon); published 1:250 000 soil landscape data (polygon); soil profile data from the OEH SALIS database (point); and Digital Elevation Model; (DEM) for Central West CMA and derivative products taken from the 25 metre DEM. The published and reconnaissance level mapping were combined and rationalised to create complete hydrogeological landscape classification (map unit) coverage for the entire Western Central West study area. |
| <b>Limitations on public access</b>              |  |

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| Scope  | dataset  |
| <b>DQ Completeness Commission</b>                |  |
| Effective date                                   | 2012-02-01   |
| Explanation                                      | Spatial data capture is complete for presentation and usage at 1:250 000 only.   |
| <b>DQ Completeness Omission</b>                  |  |
| Effective date                                   | 2001-01-01   |
| <b>DQ Conceptual Consistency</b>                 |  |
| Effective date                                   | 1900-01-01   |
| <b>DQ Topological Consistency</b>                |  |
| Effective date                                   | 2012-05-01   |
| Explanation                                      | All polygons in the coverage are topologically correct and all polygons have been attributed. Data has been visually checked at applicable scales.   |
| <b>DQ Absolute External Positional Accuracy</b>  |  |
| Effective date                                   | 2012-05-01   |
| Explanation                                      | The accuracy of the coverage varies across the mapping area as map polygon boundaries were derived from different sources. HGL boundaries derived from published and draft 1:100 000 scale mapping are generally accurate to 100 m. HGL boundaries derived from published 1:250 000 scale mapping are approximate and generally accurate to 250 m.   |
| <b>DQ Non Quantitative Attribute Correctness</b> |  |
| Effective date                                   | 2012-05-01   |
| 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. |
| <b>Responsible party</b>                         |  |
| Contact position                                 | Data Broker  |
| Organisation name                                | NSW Department of Climate Change, Energy, the Environment and Water  |
| Telephone number                                 | 131555   |
| Email address                                    | <a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>   |
| 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 | pointOfContact  |

**Metadata date** 2024-02-26T12:57:28.114926

**Metadata language**