

Title	Salinity Potential of Western Sydney
Alternative title(s)	Western Sydney Salinity Potential 2002
Abstract	This map depicts the distribution and potential severity of dryland salinity based on biophysical factors that are known to cause dryland salinity. The mapping shows four classifications of salinity potential; 1.Areas of Known Salinity ; 2.Areas of High Salinity Potential ; 3.Areas of Moderate Salinity Potential ; 4.Areas of Very Low Salinity Potential ; The map and accompanying guidelines are an extension of (and incorporate) the previous work, Draft Salinity Hazard Map for Western Sydney. They cover the Wianamatta Shales geological group on the Cumberland Plain, which essentially covers the area of Western Sydney, north to Windsor and south to Campbelltown.
Resource locator	
Soil SalinityPotentialWesternSydney	Name: Soil SalinityPotentialWesternSydney Protocol: WWW:DOWNLOAD-1.0-http--download Function: download
Unique resource identifier	
Code	461b577c-b414-4c2e-a636-45aaefc91ce7
Presentation form	Document digital
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://ckan-uat.stage.lz.seed.nsw.gov.au/dataset/461b577c-b414-4c2e-a636-45aaefc91ce7
Status	Completed
Spatial representation	
Type	vector
Spatial reference system	
Code identifying the spatial reference system	4283
Equivalent scale	1:None
Additional information source	Guidelines;; http://www.environment.nsw.gov.au/resources/salinity/westernsydneyguidelines.pdf ; ; http://www.environment.nsw.gov.au/salinity/solutions/urban.htm
Topic category	

Keyword set	
keyword value	BOUNDARIES-Biophysical GEOSCIENCES HAZARDS WATER-Groundwater WATER-Salinity
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	150.3274
East bounding longitude	151.0723
North bounding latitude	-33.9856
South bounding latitude	-33.0917
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	2000-08-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Unknown
Contact info	
Contact position	Data Broker
Organisation name	Office of Environment and Heritage (OEH)
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Responsible party role	pointOfContact

Lineage	Lineage;; Salinity potential was derived from existing saline outbreaks using Aerial Photograph Interpretation with 1965 and 1967 pre-development photography. This layer was digitised into GIS and used as a control for Compound Topographic Index (CTI) modelling. The CTI was based on a mosaic of 25m and 5m DEM's and calculated using ArcInfo Grid software. ; ; Extensive field checking and expert panel verified results. ; ; The map is accurate to 1:100 000 as at August 2000. ; ; Positional accuracy;; Map accurate to 1:100 000 scale; ; Attribute accuracy;; Map accurate to 1:100 000 scale; Logical consistency;; ; All data are topographically consistent. Quality control was carried out using industry standard GIS topology routines.; ; Completeness;; Modelled data was verified against known saline sites and field-checked. Classification classes are also consistent with known landscape processes in the development of dryland salinity. Further work is anticipated in hydrogeological processes in shallow aquifer groundwater and more intensive soil landscape inventory.	
Limitations on public access		
Scope	dataset	
DQ Completeness Commission		
Effective date	2001-01-01	
DQ Completeness Omission		
Effective date	2001-01-01	
DQ Conceptual Consistency		
Effective date	1900-01-01	
DQ Topological Consistency		
Effective date	1900-01-01	
DQ Absolute External Positional Accuracy		
Effective date	1900-01-01	
DQ Non Quantitative Attribute Correctness		
Effective date	1900-01-01	
Responsible party		
Contact position	Data Broker	
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Metadata point of contact		
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Metadata date	2024-02-11T23:12:22.422224	
Metadata language		