

Title	Soil Health Data
Abstract	These data were collected as part of the NSW Grazing Study. The estimate or score for 14 attributes (surface roughness, crust resistance, crust brokenness, crust stability, cryptogam cover %, erosion cover, deposited materials, plant foliage cover %, plant basal cover, litter cover %, litter depth, litter origin, litter incorporation, percentage of litter from groundstorey) to assess the status and morphology of the soil surface (Tongway 1995). Soil surface condition assessed in five small quadrats (0.5m x 0.5m), located at 0, 50, 100, 150, 200m along the site transect. A sample of the top 5 cm of the soil was collected from the centre of the quadrat, air dried, ground and passed and passed through a 2 mm sieve to remove any roots or organic debris. This was used to assess soil total C and N in the uppermost layers using high intensity combustion (LECO CNS-2000; LECO Corporation, St. Joseph, MI, USA), available (Olsen) P (Colwell 1963), and particle size distribution (sand, silt and clay contents), using the hydrometer method (Bouyoucos 1962).
Resource locator	
Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Plant Species Cover and Abundance Function: download
The NSW Grazing Study Assessment of Soil Health	Name: The NSW Grazing Study Assessment of Soil Health Protocol: WWW:DOWNLOAD-1.0-http--download Description: Spreadsheet of Soil Health Assessment Function: download
Unique resource identifier	
Code	518f86c4-01be-4970-8dab-a0e096aa995c
Presentation form	Table digital
Edition	Original (raw data)
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/518f86c4-01be-4970-8dab-a0e096aa995c
Purpose	Decision support
Status	Completed
Spatial representation type	None
Spatial reference system	

Code identifying the spatial reference system	4283
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Topic category

Keyword set	
keyword value	ECOLOGY SOIL HEALTH
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	141.064453
East bounding longitude	148.139648
North bounding latitude	-35.995785
South bounding latitude	-31.802893
NSW Place Name	Central West, Riverina and Western NSW
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	2013-01-07
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
Limitations on public access	

Responsible party

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