

<b>Title</b>	Soil Condition Monitoring 2008 Baseline Site Database
<b>Alternative title(s)</b>	MER field team data collected for each station
<b>Abstract</b>	From January 2008 to June 2009 a permanent network of paired 25 by 25m quadrats was established across NSW to establish a baseline for soil carbon, soil pH, soil structure and contextual data collected and entered into the database as an important step in collating, evaluating, researching and safe keeping the monitoring data. Because it is important to maintain the representativeness of the permanent monitoring sites the data is only available to bona fide users under data licence agreement to preserve site representativeness and landholder privacy. The database contains raw field information pertinent to the monitoring program. It contains landholder details, site location details, soil profile information pertinent to soil condition evaluation, occupational health and safety assessments, field test results, photo record details and laboratory test results. It has been combined with other datasets into a single data base. The other data sets include land and soil capability assessments and land management records.
<b>Resource locator</b>	
<b>Unique resource identifier</b>	
<b>Code</b>	f34b78fc-9baa-40b2-98c4-527293f7bbdf
<b>Presentation form</b>	Document digital
<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://ckan-uat.stage.lz.seed.nsw.gov.au/dataset/f34b78fc-9baa-40b2-98c4-527293f7bbdf">https://ckan-uat.stage.lz.seed.nsw.gov.au/dataset/f34b78fc-9baa-40b2-98c4-527293f7bbdf</a>
<b>Purpose</b>	Storage of MER field site data, return information and preparation for development of evaluation reports
<b>Status</b>	Under development
<b>Spatial representation type</b>	textTable
<b>Spatial reference system</b>	
<b>Code identifying the spatial reference system</b>	4283
<b>Equivalent scale</b>	1:None
<b>Additional information source</b>	Chapman et al, (in press) Monitoring, Evaluation and Reporting of Soil Condition in NSW 2008. Department of Environment, Climate Change and Water. Sydney. Bowman G (ed) (2009) Protocols for Soil Condition and Land Capability Monitoring. <a href="http://www.environment.nsw.gov.au/resources/soils/SoilsProtocols.pdf">http://www.environment.nsw.gov.au/resources/soils/SoilsProtocols.pdf</a> Milford HB, McGaw AJE, Nixon KJ (2001) Soil Data Entry Handbook (3rd Edition) NSW Department of Land and Water Conservation. Sydney <a href="http://www.environment.nsw.gov.au/resources/soils/salissoildataentryhandbook.pdf">http://www.environment.nsw.gov.au/resources/soils/salissoildataentryhandbook.pdf</a>

<b>Topic category</b>	
<b>Keyword set</b>	
keyword value	SOIL-Biology SOIL-Chemistry SOIL-Erosion SOIL-Physics
<b>Originating controlled vocabulary</b>	
Title	ANZLIC Search Words
Reference date	2008-05-16
<b>Geographic location</b>	
West bounding longitude	140.9
East bounding longitude	153.6
North bounding latitude	-37.4
South bounding latitude	-28
<b>Vertical extent information</b>	
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	2008-01-01
End position	N/A
<b>Dataset reference date</b>	
<b>Resource maintenance</b>	
Maintenance and update frequency	Unknown
<b>Contact info</b>	
Contact position	Data Broker
Organisation name	Office of Environment and Heritage (OEH)
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 database is populated entirely with information sourced from the soil condition monitoring baseline project. Soil information was collected according to the Protocols (Bowman et al). Information standards follow Milford et al, (2001) and NCST (2009). Data was collected in the field on a standardised form by trained and supervised technical officers and entered to the database using a form view with controlled pull down menus. Queries were arranged for exporting data to the evaluation spreadsheets

## Limitations on public access

Scope dataset

## DQ Completeness Commission

Effective date 2001-01-01

## DQ Completeness Omission

Effective date 2001-01-01

Explanation The data base is populated with 854 separate records. Some information is missing and lab test results are to be fully populated. All key fields have been checked for accuracy and completeness by an experienced soil surveyor. Target was approximately 1100 sites.

## DQ Conceptual Consistency

Effective date 1900-01-01

Explanation The database is logically coherent and has been checked for functionality. For the data apart from previous checking a series of internal checks are planned to assess the logical consistency of the data.

## DQ Topological Consistency

Effective date 1900-01-01

## DQ Absolute External Positional Accuracy

Effective date 1900-01-01

Explanation Locational accuracy is based on two GPS readings, measured distance and direction from at least one permanent object and can be redetermined accurately by using a metal detector to locate buried metal (where used). In order to detect change it was important to ensure the quality of all field measurement and sampling. This was enforced through extensive staff training, on-site supervision, the activities of a quality assurance officer and provision of highly detailed protocols

## DQ Non Quantitative Attribute Correctness

Effective date 1900-01-01

Explanation Attribute accuracy is as high as possible. All field teams were visited at least once by the quality assurance officer. Critical aspects of the data collection were emphasised and further on the job training undertaken. Spot checks were undertaken of incoming data.

## Responsible party

Contact position	Data Broker
Organisation name	Office of Environment and Heritage (OEH)
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## Metadata point of contact

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**Metadata language**