Title	Controlled environment experiment 2 - vertical movement and depth of amelioration by liquid NGSTs in acidic soil, Methul
Abstract	A laboratory column experiment was undertaken to investigate the vertical movement and depth of amelioration by liquid NGSTs in acidic soil from Methul, NSW. Reconstructed soil profiles were treated with Category 3a amendments, with lime included as a benchmark. Soil pH and exchangeable-cation profiles were assessed over time to determine whether amendment effects extended below the application zone.
Resource locator	
Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Controlled environment experiment 2 - vertical movement and depth of amelioration by liquid NGSTs in acidic soil, Methul Function: download
Unique resource identifier	
Code	caee1359-e8cd-448b-a16b-289f5383bbf8
Presentation form	
Edition	1.0.0
Dataset language	eng
Metadata standard	
Name	ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata
Version	1.1
Dataset URI	https://data.iar.dpi.nsw.gov.au/dataset/caee1359-e8cd-448b-a16b-289f5383bbf8
Status	completed
Spatial representation type	textTable
Spatial reference system	
Authority code	GDA94 Geographic (Lat\Long)
Code identifying the spatial reference system	4283

Topic category	Agriculture
Keyword set	
keyword value	AGRICULTURE AGRICULTURE-Crops SOIL SOIL-Chemistry WATER
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
NSW Place Name	Methul
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	2024-01-01
End position	N/A
Dataset reference date	
Date type	creation
Effective date	2024-01-01
Date type	publication
Effective date	2025-05-30
Date type	revision
Effective date	2025-05-30
Resource maintenance	
Maintenance and update frequency	irregular

Contact info

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Responsible party role	pointOfContact

Lineage

This tabular dataset (textTable) contains laboratory analytical results derived from soil samples collected across field sites between 2024 and 2027. Soil samples were processed and analyzed using standard laboratory testing methods, and the resulting analytical outputs were compiled, cleaned, and validated using R scripts to check for formatting consistency, missing values, and analytical outliers. Site location coordinates were standardized and referenced to the Geocentric Datum of Australia 1994 (GDA94 / Geographic, EPSG:4283).

Constraint set

Use constraints	This data is provided under licence by the Office of Environment and Heritage (DPI). For further inquiries contact raj.ramachandran@dpi.nsw.gov.au.
Limitations on public access	

Scope	dataset

Responsible party

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Metadata date

2026-11-23

Metadata language

eng