Title	NSW Seamless Geology NE (Z56) Bedrock Exposure
Alternative title(s)	NSW Seamless Geology Outcrop
Abstract	Areas where solid rock has become exposed to the surface in NSW Zone 56 (from 150°E to east coast). It is used to assist in field mapping. As part of the Geological Survey of NSW Seamless Geology Project, a Bedrock Exposure map of NSW UTM Zone 56 has been created through combining aspects of: (i) Office of Environmental Heritage soil data; (ii) CSIRO depth of regolith dataset and; (iii) the Geological Survey of NSW field observation and structural point dataset. The bedrock exposure map was created to provide a reliable, spatial approximation of exposed bedrock, so as to benefit field mapping. The current maps provided in the UTM Zone 56 Seamless Geodatabase overestimate the amount of exposed bedrock, and therefore, provide only an approximate indication to the location of outcropping basement rocks. The map was created by: (i) using the CSIRO National Soil and Landscape Grid as a base map, and; (ii) refining this by clipping out GSNSW Field Observations, which represent areas of known outcrop. The final result shows the location of estimated and known outcrop.

Resource locator

Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for NSW Seamless Geology NE (Z56) Bedrock Exposure Function: download
MBTiles - NSW Seamless Geology Bedrock Exposure	Name: MBTiles - NSW Seamless Geology Bedrock Exposure Protocol: WWW:DOWNLOAD-1.0-http--download Function: download

Unique resource identifier

Code	ba89c954-4915-4050-8c29-28df70f083bd

Presentation form	Map digital
Edition	1
Dataset language	English

Metadata standard

Name	ISO 19115
Edition	2016

Dataset URI	https://datasets.seed.nsw.gov.au/dataset/ba89c954-4915-4050-8c29-28df70f083bd
Purpose	Geological information
Status	Required

Spatial representation

Type	vector

Geometric Object Type	surface

Spatial reference system

Code identifying the spatial reference system	4283

Equivalent scale

1:None

Topic category

Keyword set	
keyword value	GEOSCIENCES-Geology
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location	
West bounding longitude	141
East bounding longitude	154
North bounding latitude	-37.7
South bounding latitude	-28.8

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	2015-07-01
End position	N/A

Dataset reference date	

Resource maintenance	
Maintenance and update frequency	Irregular
Contact info	
Contact position	Data Broker
Organisation name	Department of Regional New South Wales
Telephone number	131555
Facsimile number	02 9995 5999
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Web address	https://www.nsw.gov.au/regional-nsw
Responsible party role	pointOfContact

Lineage

As part of the Geological Survey of NSW Seamless Geology Project (Phillips et al. 2015), a Bedrock exposure map of NSW UTM Zone 56 has been created through combining aspects of: (i) Office of Environmental Heritage soil data; (ii) CSIRO depth of regolith data set and; (iii) the Geological Survey of NSW field observation and structural point data set. The bedrock exposure map was created to provide a reliable, spatial approximation of exposed bedrock, so as to benefit field mapping. The current maps provided in the UTM Zone 56 Seamless Geodatabase overestimate the amount of exposed bedrock, and therefore, provide only an approximate indication to the location of outcropping basement rocks.

The map was created by: (i) using the CSIRO National Soil and Landscape Grid as a base map, and;(ii) refining this by clipping out GSNSW Field Observations, which represent areas of known outcrop.The final result shows the location of estimated and known outcrop.This new layer will be available for download as part oft he Zone 56 Seamless Geodatabase.

Limitations on public access

Responsible party

Contact position	Data Broker
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Metadata date

2024-02-26T15:32:19.206401

Metadata language