Title NSW Mineral Occurrences

Abstract

Locations of over 31,000 types of minerals throughout NSW, including coal, gas, gemstones and construction materials. This spatial dataset is a derivative product of the New South Wales Mineral Occurence Database (also known as New South Wales MetIndEx). It records over 31,000 known mineral occurrences throughout NSW. These records have been compiled from resource and production data compiled from both historic and current mining operations records held by the Geological Survey of NSW. Data records start from a state-wide Metallogenic Mapping program developed by the Survey in the late 1960s and are continuously improved via mandatory reporting. The alternative name MetIndEx refers to the METallics, INDustrial minerals and Exploration discoveries database of economic mineral deposits and occurrences in New South Wales. The data has been migrated over various databases from Microsoft Access to Oracle and SQL Server. The location data has also had multiple datum changes since the original database was compiled. The data is being continuously improved and refined by the custodians on an irregular basis. This data is part of the New South Wales Geoscientific Data Warehouse (NSW GDW) series.

Resource locator

Show on SEED Web Map Name: Show on SEED Web Map

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Display dataset on SEED's map

Function: download

Data Quality Statement Name: Data Quality Statement

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Data quality statement for NSW Mineral Occurrences

Function: download

WMS - NSW Mineral Occurrences Name: WMS - NSW Mineral Occurrences

Protocol: WWW:DOWNLOAD-1.0-http--download

Function: download

WFS - NSW Mineral Occurrences Name: WFS - NSW Mineral Occurrences

Protocol: WWW:DOWNLOAD-1.0-http--download

Function: download

Unique resource identifier

Code 66c7c409-ce37-41f2-af0d-561a7c9f2366

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/66c7c409-ce37-41f2-af0d-561a7c9f2366

Purpose	Geological information	
Status	On going	
Spatial representation		
Туре	vector	
Geometric Object Type	point	
Spatial reference system		
Code identifying the spatial reference system	4283	
Equivalent scale	1:None	
Additional information source	Drilling data collected from company reports before compulsory reporting required by legislation.	
Topic category		

Keyword set	
keyword value	GEOSCIENCES-Geology
	GEOSCIENCES-Geochemistry
	INDUSTRY-Mining
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	1961-11-11
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Daily
Contact info	
Contact position	Data Broker
Organisation name	Department of Regional New South Wales
Telephone number	131555
Facsimile number	02 9995 5999
Email address	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/regional-nsw

Lineage

The primary data source for the Mineralsdataset is company exploration reports supplied to the Department of Industry as part of the statutory reporting requirements for exploration licences under the NSW Mining Act 1992. Information regarding holes drilled by the Department of Industry has also been included. Approximately 22 000 drillholes were captured on a contract basis by Tech and Field Surveys from July, 1998 - July, 2000. During the validation of this dataset by Departmental staff a number of additional drillholes drilled prior to 2000 have been identified and added to the database. These records form the basis of the drillholes dataset. In 2000, the Department formally introduced digital reporting of drillholes records in statutory reporting. Drillhole records were stored in the Digital Imaging Geological System (DIGS) until 2009 when they were extracted into a SQL Server database. Data continues to be captured from compulsory company reporting under the NSW Mining Act 1992 and extracted from DIGS. As new reports being non-confidential, the data is released as part of this dataset and made available to the public. Validation work continues to this day and the accuracy of the dataset is being continuously improved.

Limitations on public access

Responsible party

Contact position Data Broker

Organisation name Department of Regional New South Wales

Telephone number 131555

Facsimile number 02 9995 5999

Email address <u>data.broker@environment.nsw.gov.au</u>

Web address https://www.nsw.gov.au/regional-nsw

Responsible party role pointOfContact

Metadata point of contact

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Responsible party role pointOfContact

Metadata date 2024-02-26T12:47:49.447082

Metadata language