

Rock property dataset of the Northern Territory

ANZLIC Identifier:	1080F77ADC1EF5BDE050CD9B21443DC8
Title:	Rock property dataset of the Northern Territory
Custodian:	Northern Territory Geological Survey (NTGS)
Abstract:	<p>The Northern Territory Geological Survey (NTGS) has undertaken a Territory-wide compilation of rock property data focussing on the key properties of magnetic susceptibility, bulk density, grain density, porosity, velocity and permeability. This DIP is a compilation of rock property measurements sourced from open file company reports, core sampling reports, government publications, academic publications and new measurements made by NTGS.</p>
Search Word(s):	petrophysics, rock property, density, magnetic susceptibility, porosity, permeability, velocity
Bounding Coordinates (GDA94):	North bounding coordinate: -11 South bounding coordinate: -26 East bounding coordinate: 138 West bounding coordinate: 129
Reference System Information:	The dataset is supplied in Geocentric Datum of Australia (GDA94), latitude and longitude [EPSG: 4283]
Data Currency Start Date:	20/01/1964
Data Currency End Date:	18/11/2024
Progress:	In progress
Maintenance and Update Frequency:	As required
Access Constraint:	<p>Creative Commons. With the exception of the Northern Territory of Australia logo, other government and corporate logos and where otherwise noted, all material in this publication is provided under a Creative Commons Attribution 4.0 International licence (https://creativecommons.org/licenses/by/4.0/legalcode).</p> <p>You are free to re-use the work under the licence, on the condition that you attribute the Northern Territory of Australia (Northern Territory Geological Survey) and comply with the other licence terms.</p>
Lineage:	Dataset collates published rock property measurements from open file company reports, core sampling reports, government publications academic publications and new measurements made by NTGS on drillcore held in the NTGS Core Facilities and the Geoscience Australia Repository.

Positional Accuracy: The positional accuracy of drillhole location is approximately 1 to 1000 metres. 68 samples have no coordinates and a further 3 have low accuracy. These samples excluded from the GIS Datasets.

Attribute Accuracy: Attribution accuracy is high.

Logical Consistency: Data is logically consistent within the scope of the project.

Completeness: Complete to the limits of the data at the time of publication

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