

## Rock property dataset of the Northern Territory

<b>ANZLIC Identifier:</b>	1080F77ADC1EF5BDE050CD9B21443DC8
<b>Title:</b>	Rock property dataset of the Northern Territory
<b>Custodian:</b>	Northern Territory Geological Survey (NTGS)
<b>Abstract:</b>	<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 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> <p>Digital Information Package 013 (DIP 013) contains data collated up until March 2023 and new measurements made from June 2014 to November 2022.</p>
<b>Search Word(s):</b>	petrophysics, rock property, density, magnetic susceptibility, porosity, permeability, McArthur Basin, Tanami Region
<b>Bounding Coordinates (GDA94):</b>	North bounding coordinate: -11 South bounding coordinate: -26 East bounding coordinate: 138 West bounding coordinate: 129
<b>Reference System Information:</b>	The dataset is supplied in Geocentric Datum of Australia (GDA94), latitude and longitude [EPSG: 4283]
<b>Data Currency Start Date:</b>	20/01/1964
<b>Data Currency End Date:</b>	29/03/2023
<b>Progress:</b>	In progress
<b>Maintenance and Update Frequency:</b>	As required
<b>Access Constraint:</b>	The data or product is copyright of the Northern Territory Government. The data and other information may be reproduced or used to develop other products but any such copies or works must acknowledge the Northern Territory Geological Survey, on behalf of the Northern Territory of Australia as the source of the original data or information.
<b>Lineage:</b>	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.

<b>Positional Accuracy:</b>	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.
<b>Attribute Accuracy:</b>	Attribution accuracy is high.
<b>Logical Consistency:</b>	Data is logically consistent within the scope of the project.
<b>Completeness:</b>	Partially complete.
<b>Contact Organisation:</b>	Northern Territory Geological Survey GPO Box 4550 Darwin NT Australia 0801
<b>Contact Person:</b>	Manager, Geophysics and Remote Sensing p (08) 8999 6443 <a href="mailto:geoscience.info@nt.gov.au">geoscience.info@nt.gov.au</a>
<b>Metadata Date:</b>	29/03/2023