

Geological interpretation and structural analysis of the northwest Aileron and southwest Davenport provinces - Metadata

ANZLIC Identifier:

Title:	Geological interpretation and structural analysis of the northwest Aileron and southwest Davenport provinces
Custodian:	Northern Territory Geological Survey (NTGS) Department of Industry, Tourism and Trade
Abstract:	<p>The NTGS Mount Peake – Crawford airborne magnetic and radiometric survey was acquired in 2019 over the northern Aileron and southwest Davenport provinces. This survey links with the 2018 NTGS Tanami Region airborne magnetic and radiometric survey providing seamless high-resolution magnetic and radiometric coverage from the Western Australian border southeast to 150 km south of Tennant Creek.</p> <p>This project provides further processing and image enhancements of the new magnetic and radiometric data and uses these to construct a solid geological and structural map of parts of the MOUNT THEO, MOUNT SOLITAIRE and LANDER RIVER 1:250K map sheets and the whole of the MOUNT PEAKE AND BARROW CREEK 1:250K map sheets. This work seamlessly links with the interpretation completed in the CSIRO-NTGS Tanami Project: Aeromagnetic interpretation of the Tanami Region (NTGS Digital Information Packages 21 and 22).</p>
Search Word(s)	Northern Territory, Tanami Region, Aileron Province, Lander Rock Formation, geoscientific information, geological interpretation
Bounding Coordinates (GDA94):	North bounding coordinate: -19° (approx.) South bounding coordinate: -22° (approx.) East bounding coordinate: 135° (approx.) West bounding coordinate: 129° (approx.)
Reference System Information:	Data are supplied in Geocentric Datum of Australia (GDA94) Map Grid of Australia zone 52 projected co-ordinates [EPSG: 28352].
Data Currency Start Date:	August 2022
Data Currency End Date:	August 2022
Progress:	Complete
Maintenance and Update Frequency:	Not planned

Access Constraint:

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Lineage:

Input datasets and processing are outlined in the accompanying document CSIRO-NTGS_Mount_Peake_Project_Report.pdf.

Positional Accuracy:

Input data are of varying age and quality. Further detail is provided in the accompanying document.

Attribute Accuracy:

Attribution accuracy is high, accurately reflecting the input data.

Logical Consistency:

Data is logically consistent within the scope of the project.

Completeness:

Data is complete within the scope of this project.

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