

# Aeromagnetic interpretation of the Tanami Region: Geophysical Data - Metadata

## ANZLIC Identifier:

**Title:** Aeromagnetic interpretation of the Tanami Region: Geophysical Data

**Custodian:** Northern Territory Geological Survey (NTGS)  
Department of Industry, Tourism and Trade

**Abstract:** The Tanami Region is located approximately 600 km northwest of Alice Springs. The Tanami Region hosts the world class Callie deposit and is highly prospective for gold. In 2018 the NTGS Tanami Region Airborne Magnetic and Radiometric survey was acquired to improve pre-competitive geophysical data in the area.

This project involved processing and interpreting this new data along with pre-existing geophysical surveys to produce a new seamless geological interpretation of the 1:250,000 TANAMI and THE GRANITES map sheets as well as parts of the MOUNT THEO, MOUNT SOLITAIRE and HIGHLAND ROCKS maps sheets. This study was undertaken by CSIRO in collaboration with NTGS. The Geophysical Data project presents processed grids and images of geophysical data. These grids and images were used to develop the solid geological interpretation that is delivered in the accompanying DIP – Aeromagnetic interpretation of the Tanami Region: GIS.

**Search Word(s)** Northern Territory, Tanami Region, Dead Bullock Formation, geoscientific information, geophysical data, magnetic data, radiometric data, gravity data, potential field forward modelling

**Bounding Coordinates (GDA94):**

North bounding coordinate:	-19° (approx.)
South bounding coordinate:	-22° (approx.)
East bounding coordinate:	132° (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 coordinates [EPSG: 28352].

**Data Currency Start Date:** March 2021

**Data Currency End Date:** March 2021

**Progress:** Complete

**Maintenance and Update Frequency:** Not planned

**Access Constraint:**

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**Lineage:**

Input datasets and processing are outlined processing description documents provided with each geophysical survey.

**Positional Accuracy:**

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

**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.

**Contact Organisation:** Northern Territory Geological Survey  
GPO Box 4550  
Darwin NT Australia 0801

**Contact Person:** Manager Geophysics and Remote Sensing  
Ph: (08) 8999 6443  
[geoscience.info@nt.gov.au](mailto:geoscience.info@nt.gov.au)

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