CSIRO-NTGS McArthur Basin Project: Geophysical data, interpretations and models

Title:	CSIRO-NTGS McArthur Basin Project: Geophysical data, interpretations and models
Custodian:	Northern Territory Geological Survey (NTGS) Department of Industry, Tourism and Trade
Abstract:	The southern McArthur Basin hosts the McArthur River and Teena Zn-Pb-Ag deposits and is highly prospective for base metals. This project applied geophysical interpretation and modelling to better understand the regional structural architecture and sub-basin development within the southern McArthur Basin. The southern McArthur Basin solid geological interpretation and geophysical modelling presents datasets and interpretative results including: • interpreted faults • interpreted Proterozoic stratigraphy under cover • interpreted boundaries of sub-basins that formed during deposition of the McArthur Group • cross-sections of potential field modelling • processed and enhanced potential field datasets
Search Word(s):	Northern Territory, southern McArthur Basin, Batten Fault Zone geoscientific information, geological interpretation.
Bounding Coordinates (GDA94):	North bounding coordinate: 8327775 South bounding coordinate: 7976215 East bounding coordinate: 485110 West bounding coordinate: 820185
Reference System Information:	The dataset is supplied in Geocentric Datum of Australia (GDA94), MGA zone 53
Data Currency Start Date:	29/01/2021
Data Currency End Date:	29/01/2021
Progress:	Complete
Maintenance and Update Frequency:	Not planned

Access Constraint:

Lineage:

Input datasets and processing are outlined in the accompanying report: Blaikie TN and Kunzmann M, 2019 CSIRO-NTGS McArthur Basin Project: Chapter 2. Southern McArthur Basin solid geological interpretation and geophysical modelling. *CSIRO, Australia. Report* EP193632.

Positional Accuracy:	Input data are of varying age and quality. Further detail is provided in the accompanying report.
Attribute Accuracy:	Attribution accuracy is high, accurately reflecting the input data.
Logical Consistency:	Data is logically consistent for the purposes of the southern McArthur Basin solid geological interpretation and geophysical modelling project.
Completeness:	The data is complete within the scope of the 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
Metadata Date:	27/01/2021