

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:	<p>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:</p> <ul style="list-style-type: none">• 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:



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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.
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Metadata Date:	27/01/2021