


Warburton-Pedirka-Eromanga basins SEEBASE® update. Northern Territory Geological Survey, Digital Information Package 044

Identification	
Abstract:	The Northern Territory SEEBASE® is a regional map and grid of the depth to economic basement for petroleum systems. The SEEBASE® maps the basin shape and depth by mapping major basement structures and the base of the sedimentary structures. The Warburton-Pedirka-Eromanga SEEBASE® Update has redefined basement structures and tectonic events, as well as refined the depth and geometry of the overlying basin systems of the Northern Territory SEEBASE® in the south east of the Northern Territory. This update was completed by Geognostics Australia Pty Ltd on behalf of NTGS.
Product Type:	Report Geographic Dataset Grids and Images
Keywords:	ANZRC Fields of Research: Earth sciences Place: Australia, Northern Territory, Warburton Basin, Eromanga Basin, Pedirka Basin SEEBASE®, depth to basement, geological interpretation
Topic Category:	geoscientificInformation
Reference System:	Geocentric Datum of Australia (GDA94), latitude and longitude [EPSG: 4283]
Extents:	-23.6, -26, 133.8, 138
Publication Date:	March 2026

Contact for the resource	
Contact Organisation:	Northern Territory of Australia (Northern Territory Geological Survey)
Postal Address:	Department of Mining and Energy GPO Box 4550 Darwin NT 0801 Australia
Telephone:	+61 8 8999 6443
Email:	geoscience.info@nt.gov.au

Data Quality and Status	
Lineage:	Input datasets and processing are outlined in the report, Warburton-Pedirka-Eromanga basins SEEBASE® update. <i>Northern Territory Geological Survey. Digital Information Package 044, March 2026</i>
Positional Accuracy:	Input data are of varying age and quality. Further detail is provided in the report, Warburton-Pedirka-Eromanga basins SEEBASE® update. <i>Northern Territory Geological Survey. Digital Information Package 044, March 2026</i>
Spatial Resolution:	Not applicable
Attribute Accuracy:	Attribution accuracy is high, accurately reflecting the input data
Maintenance Information:	Not planned
Data Currency Start Date:	2005
Data Currency End Date:	2026
Status:	Complete

Legal Constraints	
	
<p>The Northern Territory Government supports and encourages the dissemination and exchange of its information. The copyright in this publication is licensed under a Creative Commons Attribution 4.0 International Licence. Under this licence you are free to use this publication in accordance with the licence terms without having to seek our permission. You must keep intact the copyright notice and attribute the Northern Territory Government and Geognostics Australia Pty Ltd as the source of the publication.</p> <p>Please give attribution to: © Northern Territory Government (Northern Territory Geological Survey) and Geognostics Australia 2026.</p>	

Distribution	
Distribution Format:	PDF ArcGIS Project ESRI Geodatabase ERMapper grids GeoTIFF
Aggregate Dataset/Product:	Not applicable
Online Resource Linkage:	https://geoscience.nt.gov.au/gemis
Online Resource Description:	https://geoscience.nt.gov.au/gemis
Supplementary Information	
Not applicable	
Metadata Date:	March 2026