

# Warramunga Province mineral deposit series: Nobles Nob 3D compilation and deposit atlas

<b>Title:</b>	Warramunga Province mineral deposit series: Northern Star 3D compilation and deposit atlas
<b>Custodian:</b>	Northern Territory Geological Survey (NTGS), Department of Industry, Tourism and Trade
<b>Abstract:</b>	<p>The Tennant Creek mineral field is located in the Warramunga Province, central Northern Territory. The Tennant Creek mineral field has a long history and exploration for and production from ironstone-hosted Cu–Au (–Co) mineralisation. Nobles Nob is an ironstone hosted gold deposit.</p> <p>The WH Bryan Mining and Geology Research Centre, Sustainable Minerals Institute, University of Queensland compiled all open-file geoscience data for the Northern Star deposit cluster and produced a 3D compilation in Geoscience Analyst with source data and accompanying deposit atlases.</p> <p>The 3D compilation can be viewed using Geoscience Analyst software, which is a free viewer and can be downloaded from the following location: <a href="https://mirageoscience.com/mining-industry-software/geoscience-analyst/">https://mirageoscience.com/mining-industry-software/geoscience-analyst/</a>. In addition, the raw imported data has been provided for import to other software platforms.</p>
<b>Search Word(s):</b>	Tennant Creek mineral field, Warramunga Province, Warramunga Formation, Nobles Nob geoscientific information, geological interpretation, 3D, Au, Cu, Bi, Geoscience Analyst, geophysics
<b>Bounding Coordinates (GDA94):</b>	North bounding coordinate: 7821400mN South bounding coordinate: 7818800mN East bounding coordinate: 428300mE West bounding coordinate: 423900mE
<b>Reference System Information:</b>	The dataset is supplied in MGA Zone 53 (GDA94), easting and northing [EPSG: 28353]
<b>Data Currency Start Date:</b>	30/05/2023
<b>Data Currency End Date:</b>	
<b>Progress:</b>	Complete
<b>Maintenance and Update Frequency:</b>	As required

**Access Constraint:**



© Northern Territory of Australia (Northern Territory Geological Survey) 2023.

With the exception of the Northern Territory of Australia, Resourcing the Territory and University of Queensland logo, other government and corporate logos and where otherwise noted, all material on this publication is provided under a Creative Commons Attribution 4.0 International licence (<https://creativecommons.org/licenses/by/4.0/legalcode>). You are free to re-use the work under the licence, on the condition that you attribute the Northern Territory of Australia (NT Geological Survey) and University of Queensland and comply with the other licence terms.

**Disclaimer**

The Northern Territory of Australia and the University of Queensland have exercised due care and skill in preparing and compiling the information and data in this publication. While all care has been taken to ensure that the information contained in this publication is true and correct at the time of publication, it is not intended to be relied on as a comprehensive representation of technical or scientific advice or used for commercial purposes. The Territory and the University of Queensland give no warranty or assurances as to the accuracy of the information contained in the publication and accepts no direct or indirect liability for reliance on its content, including liability for negligence and for any loss, damage, injury, expense or cost incurred by any person directly or indirectly as a result of accessing, using or relying on any of the content of this publication to the maximum extent permitted by law.

**Lineage:**

Data compiled from both open file company exploration reports and NTGS projects in the Warramunga Province area of interest. Company exploration data is extracted from legacy hardcopy reports by scanning and digitising, including spatial data capture from maps where necessary. Legacy data capture has been completed at various times and usually on a geological terrain basis. More recent exploration reports and data are supplied in digital formats. Original reports and data can be downloaded via GEMIS ([geoscience.nt.gov.au/gemis](http://geoscience.nt.gov.au/gemis)).

**Positional Accuracy:**

Input datasets are of varying age and quality.

**Attribute Accuracy:**

Geological observations and descriptive attributes noted by resource/mapping geologists.

**Logical Consistency:**

Data is logically consistent for the purposes of geological interpretation.

**Completeness:**

The 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 Basement Geoscience  
Ph: (08) 8999 6443  
[Geoscience.info@nt.gov.au](mailto:Geoscience.info@nt.gov.au)

**Metadata Date:**

30/05/2023