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This product is formatted for display using *Leapfrog Viewer*, which can be freely downloaded from Seequent at <www.seequent.com/products-solutions/leapfrog-viewer/>. Leapfrog Viewer is a 64-bit application compatible with Microsoft Windows 10 or later. It requires a modern graphics card or integrated processor that supports OpenGL 3.3 or higher. To ensure optimal performance, users should update their graphics drivers to the latest version available for their system.

A minimum of 8 GB RAM is recommended, with higher performance on systems with 16 GB RAM or more. Leapfrog Viewer is the property of Seequent Limited. Further information and technical support are available at <www.seequent.com/support/>.

3D geological model for the Tampia gold deposit, 2024 is a geological representation of the Tampia Au deposit in the Youanmi Terrane, designed to visualize lithologies, structures, and mineralization patterns in three dimensions. The model integrates grade-control and exploration drillhole data, pit mapping, GIS-based geological interpretations, and drone imagery. Key geological surfaces—including mafic and felsic gneiss, granitic intrusions, and leucosomes—were constructed using Leapfrog Geo software, with additional numerical models for gold, arsenic, sulfur, and oxidation intensity based on assay data.

The model spans approximately 1100 m (N–S), 960 m (E–W), and 380 m in depth, and incorporates structural interpretations, geochemical trends, and mesh-based representations of pit geometries. While the data density is highest near the pit, model accuracy decreases with depth and distance from drilled areas. As such, this model should be viewed as a geologically constrained but non-unique interpretation of available data.

The 3D geological model is accessible using the Leapfrog Viewer platform and is intended to support mineral systems research, exploration targeting, and geoscientific communication.

The model is presented in Geoscience Australia Lambert Projection GDA1994.

View 3D geological model for Tampia gold deposit – overview and list of components.



Government of **Western Australia**
Department of **Mines, Industry Regulation**
and **Safety**



Geological Survey of
Western Australia

3D geological model for the Tampia gold deposit, 2024

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