

The Queensland Mineral Deposit Atlas Series

Tom Evans¹, Rick Valenta¹, Paul Gow¹, Nick Cook¹, Sally Allan¹, Jaime Poblete¹, Katerina Savinova¹, Nathan Fox¹, Jenna McGovern¹, David Esser¹, Juliana Vilhena¹, Mark Hinman¹, Sasha Aivazpourporgou^{1,2}, Vladimir Lisitsin², Al-Tamini Tapu², Courteney Dnharam²

¹Sustainable Minerals Institute, University Of Queensland, Indooroopilly, Australia,

²Geological Survey of Queensland, Department of Resources, Brisbane, Australia

The Queensland Mineral Deposit Atlas Series has been created as part of the Department of Resources' Strategic Resources Exploration program and New Economy Minerals Initiative. The overall aim of this project is to assemble all relevant geoscientific studies of the key mineral deposits across Queensland, and to summarise the important features of each deposit.

This work details 69 mineral deposits in 52 chapters, across 2 volumes. Each chapter comprises a document summarising the deposit, a collection of open file data for the deposit and a 3D model of that data that can be opened in the free version of the Geoscience Analyst software. Data is compiled from the Geological Survey of Queensland's Open Data Portal, published academic literature, post graduate theses and company publications.

This compilation is intended to provide a technical reference and conceptual framework that exploration and mining companies can use to select ground and design exploration programs. Access to organised, curated datasets of all the significant mineral deposits in the state helps streamline the work of exploration geologists, allowing more time and resources to be spent completing exploration programs.