

Trigg identifies multiple epithermal gold targets at Drummond Basin project

HIGHLIGHTS

- Trigg Minerals has identified multiple epithermal gold targets across its wholly-owned projects in North Queensland's gold-rich Drummond Basin as part of an extensive desktop program
- Technical consultant Global Ore Discovery leveraged extensive historical exploration datasets to identify multiple epithermal gold targets across all five Old Glenroy, Sandalwood Creek and Mt Wyatt licences
- Project-wide analysis of technical datasets, including reprocessing and modelling of historical geophysical data is underway to define additional gold targets for geophysical surveys and/or drilling
- Planning for Q1 2024 geophysical programs and follow-up drilling campaign has commenced; drill program expected to commence late Q1/early Q2 CY2024.

Trigg Minerals Limited (ASX: TMG) ("Trigg" or the "Company") is pleased to report on activities completed with its geological and technical consultancy Global Ore Discovery Pty Ltd ("Global Ore") at its recently acquired Drummond Basin gold project in northern Queensland. Global Ore is a geological expert in the technical analysis and discovery of epithermal gold systems in Queensland and is assisting Trigg with compilation and analysis of all available technical data encompassing the 540km² project area.

Data review identifies gold targets

Work completed at the Drummond Basin gold project includes –

- Acquisition of historical exploration and open-file datasets, with extensive coverage of surface geochemistry, drilling, geophysics and surface geology. All historic reports, including mapping and desktop work, were converted to digitally accessible formats to facilitate the extraction of valuable historic data, exploration rationales and targets.
- High priority gold targets identified to date include Breccia Hill, Bunyip, Quartz Ridge, Limey Trend, Buried Hatchet and Charlie's Mine. As work progresses further additional priority targets are expected to be identified.

- Surface geochemistry and geology, plus drilling data compiled from historical exploration and open file sources. Analysis and modelling of these datasets within a holistic mineral system targeting framework commenced to aid ranking of identified epithermal gold targets.
- Soil sampling data from multiple campaigns compiled into a single dataset, statistically analysed and interpreted to produce a coherent and useable dataset to define epithermal gold system indicators. Compilation of rock chip and stream sediment sampling and drilling data was completed, and associated statistical analysis and modelling of this data is continuing.
- Acquisition of historical government airborne and surface geophysics; including magnetics, radiometric and hyperspectral surveys, with analysis continuing. Large-scale alteration and mineral system indicators have been identified and these will be used to define multiple epithermal gold targets.
- Combined datasets are being integrated, analysed, synthesised, and visualised in 2D/3D software. With the aid of leading-edge analysis and mineral system thinking, Trigg and Global Ore have defined and are ranking and prioritising multiple epithermal gold systems using regional multi-million ounce gold deposit analogues including Pajingo, Wirralie, Yandan and Mount Coolon.
- Initial analysis of data collected during sampling and mapping campaigns highlighted the occurrence of key epithermal gold vein textures including colloform and crustiform banding, carbonate replacement textures and sinters. The presence of these vein textures supports the Drummond Basin Project as having the potential to host world-class epithermal gold deposits.
- In parallel, Trigg is finalising the acquisition of 90% interests in four new licence areas comprising 431km² in northern Queensland from Boadicea Resources Limited (ASX: BOA), which was announced on 28 November 2023 and is expected to complete early Q1.
- New tenements comprise Clarke Reward (EPM27834), Mt Carmel (EPM27991), West Ravenswood (EPM27752) and Bosworth (EPM28419); and will position Trigg as a prominent new gold explorer in the Drummond Basin-Charters Towers region (see ASX Announcement 28 November 2023 for further details).

Next Steps for Drummond Basin Project

Trigg, in conjunction with Global Ore, is now planning geophysics programs that will guide the final design of Trigg's drilling program at the Drummond Basin Project, with a focus on priority targets identified to date. Tenders are currently being received from several local high-quality drilling companies for drilling anticipated late Q1 or early Q2, dependent on weather.

Statistical analysis and modelling of compiled historical exploration data will continue to define additional targets and rank those targets for future testing.

Chairman Timothy Morrison said:

"While summer weather events in northern Queensland impacted TMG's plans to commence site work in the Drummond Basin, I am pleased to report that significant desktop work has continued to advance the project. Working on the extensive historical database as part of the acquisition of the Drummond assets has enabled TMG to identify high-value targets across the project area. As this work continues,

we are now looking to hit the ground running and are planning a drilling program to test these targets to potentially commence later this quarter.

“In parallel, we also continue to finalise the transaction with Boadicea which expands our footprint in the region in two areas well known for their epithermal and intrusive-related gold mineralisation.”

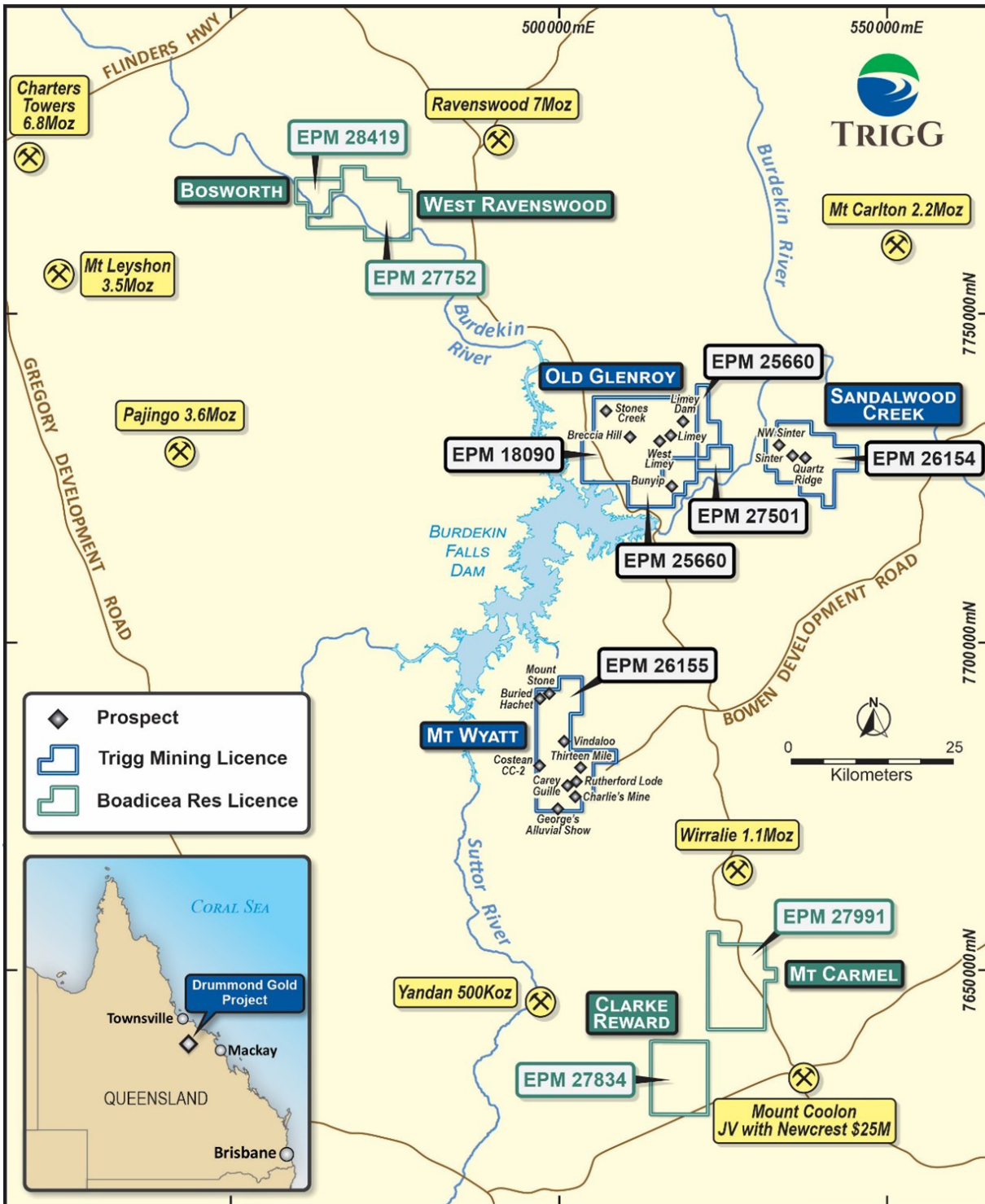


Figure 1: Trigg Minerals Drummond Project including BOA permits

This announcement was authorised to be given to ASX by the Board of Directors of Trigg Minerals Limited.

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Forward Looking Statements

This report contains forward-looking statements that involve several risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward looking statements if these beliefs, opinions, and estimates should change or to reflect other future developments.

Competent person statement

The information in this announcement that relates to Exploration Targets is based on information compiled by Stephen Ross of Trigg Minerals Limited, a Competent Person who is a Member of The Australian Institute of Geoscientists (AIG). Stephen Ross is a director of Trigg Minerals Limited and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Stephen Ross consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.