



25 October 2021

R3D Resources Appoints Copper Sulphate Plant Manager

R3D Resources Limited (**R3D** or the **Company**), a significant copper-gold explorer and developer in the Chillagoe Region in North Queensland, is pleased to advise that it has employed Mr Mathew Hancock as the Plant Manager of the Tartana Copper Sulphate Plant. Mr Hancock will be responsible for coordinating and managing the refurbishment and restart of the heap leach – solvent extraction – crystallisation plant on the Company's Tartana mining leases.

Project Summary

The Tartana mining leases produced high quality copper sulphate for approximately a decade from the mining of shallow copper oxide ore. The ore was stacked on heap leach pads and the copper dissolved using sulphuric acid before recovery using a solvent extraction process and crystallising the copper in the form of copper sulphate pentahydrate. The copper sulphate was bagged in bulka bags and historically sold as a premium product into the stock feed industry as well as its more traditional market as an activator in the base metal or gold mining operations.

The project was placed on care and maintenance in 2014 and has remained in care and maintenance since that time.

The Company believes it has identified existing copper mineralisation on the Tartana mining leases and at the nearby Cardross copper/gold project that have the potential to provide future feed to the copper sulphate plant. Cardross is currently the subject of a mining lease application by the Company.

Mat's Background

Mat is a Mineral Processing professional with experience at Newmont Tanami Operations from 2014 to 2018 with the latter years as Processing Co-ordinator before moving to Dover Castle Minerals to become Assets and Operations Manager. Prior to working with Newmont, Mat had roles with JKO Mining in Georgetown and the Birla Mt Gordon Copper mine.

Role Mandate

The role within the Company is to primarily manage the refurbishment of the heap leach – solvent extraction-crystallisation plant at the Tartana mine site. This will progress to managing the restart of copper sulphate production to provide a key cash flow business for the Company. Key elements of the role are:

- Understanding the process flow sheet and identifying the optimum products for the market;
- Source cost estimates for the refurbishment and timeframe for implementation;
- Firm up existing operating cost estimates and prioritise copper production sources;
- Liaise with marketing groups to assess offtake opportunities; and
- Identify and recruit a competent workforce to implement the restart of operations.

Initial cost estimates and schedule for the refurbishment are expected to be completed in 2 to 3 weeks.

- **Managing Director Steve Bartrop commented,** "Mat has a demonstratable ability to move the project forward given a high level of initiative and self-motivation. While the Copper Sulphate project is separate to the recent drilling results indicating significant sulphide intersections at depth (announced 21 October 2021), the Copper Sulphate project nevertheless is an important for the Company offering potential future cash flow.

The Board is confident that Mat has the skills to take this project forward and we welcome Mat to the R3D Resources team.”

For further information

Stephen Bartrop

Managing Director
R3D Resources Limited

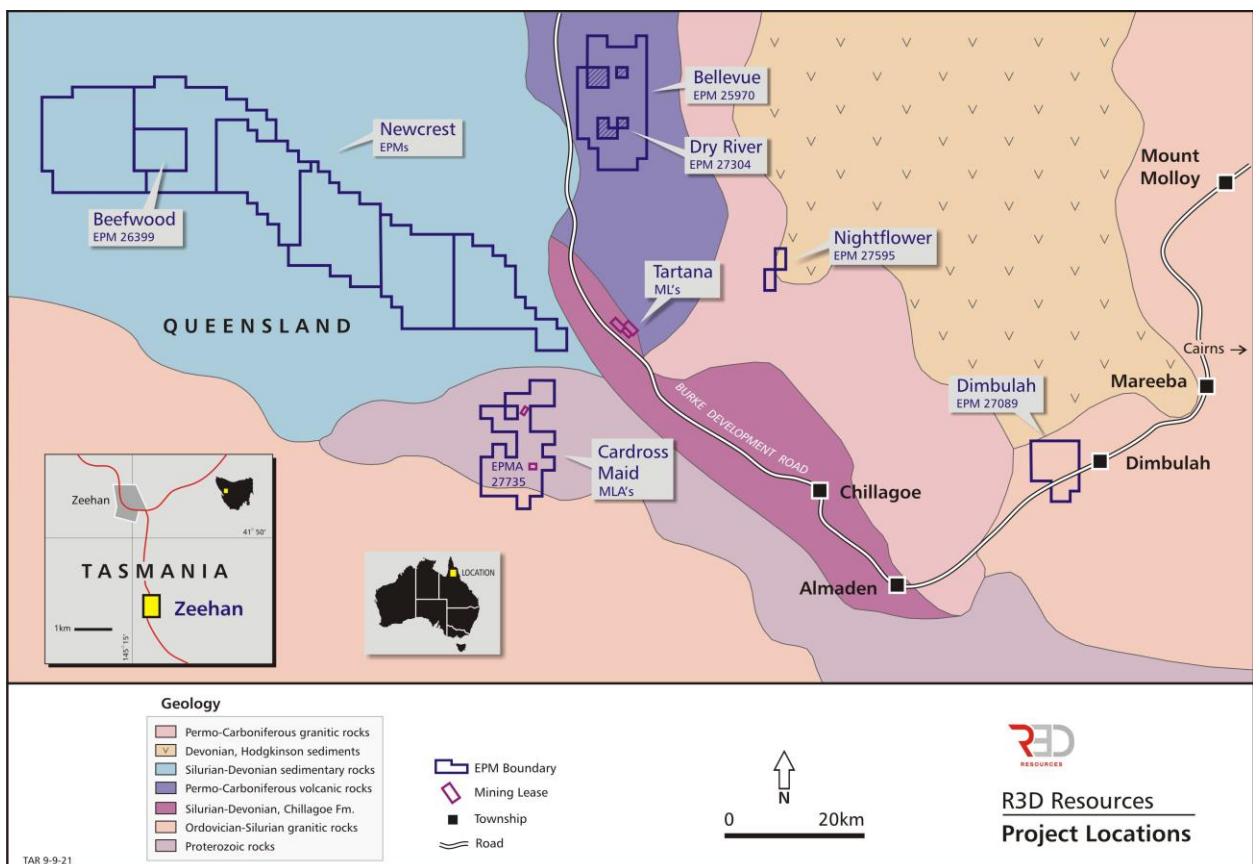
M: + 61 408 486 163

P: + 61 2 9392 8032

This announcement has been approved by the Board of R3D Resources Limited.

About R3D Resources

In July 2021 R3D Resources Limited acquired Tartana Resources Limited, a significant copper-gold explorer and developer in the Chillagoe Region in North Queensland. The Company owns several projects of varying maturity, with the most advanced being the Tartana mining leases which contain an existing heap leach – solvent extraction – crystallisation plant. Work has commenced to restart this plant to provide future cash flow through the sale of copper sulphate. In Tasmania, Tartana has secured permitting to excavate and screen for export low-grade zinc furnace slag/matte from its Zeehan stockpiles in Western Tasmania and is shipping zinc slag to South Korea. These two projects have the potential to generate a cash flow to underpin the Company’s extensive exploration activities in the Chillagoe region.



Qualifying statement

The information in this Report that relates to Exploration Results is based on information compiled by Dr Stephen Bartrop who is a fellow of the Australian Institute of Geoscientists.

Dr Stephen Bartrop, Managing Director of R3D Resources, 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 JORC Code. Dr Stephen Bartrop is a full-time employee of R3D Resources and consents to the inclusion in this announcement of the Exploration Results in the form and context in which it appears.

Disclaimer Regarding Forward Looking Statements

This ASX announcement contains various forward-looking statements. All statements, other than statements of historical fact, are forward-looking statements. Forward-looking statements are inherently subject to uncertainties in that they may be affected by a variety of known and unknown risks, variables and factors which could cause actual values or results, performance or achievements to differ materially from the expectations described in such forward-looking statements.

R3D Resources does not give any assurance that the anticipated results, performance or achievements expressed or implied in those forward-looking statements will be achieved.