



18 MAY 2021

## ASX ANNOUNCEMENT

ASX: TMG

# Lake Throssell Sulphate of Potash Project advances to next stage with commencement of trenching and test pumping program

*New work program designed to establish an Indicated Mineral Resource as the basis for a Scoping Study and help estimate flow rates for potential SOP production*

### Highlights

- After releasing the maiden Inferred Mineral Resource of 14.2Mt of drainable Sulphate of Potash (SOP) at 4,638mg/L potassium (K) (or 10.34kg/m<sup>3</sup> K<sub>2</sub>SO<sub>4</sub>), Trigg has commenced trenching works to estimate the aquifer properties of the lake surface aquifer.
- Hydrogeological data from the program will be used to estimate a higher-confidence Indicated Mineral Resource for the Lake Throssell surficial aquifer, subject to results.
- Indicated Mineral Resources, which are available for conversion to Ore Reserves, will provide the foundation for a planned Scoping Study commencing in the second half of 2021.
- The current program will also be pivotal in assisting with estimating the flow rates for potential SOP production from trenches on the lake surface.

**Trigg Mining Limited (ASX: TMG) (Trigg or the Company)** is pleased to advise that it has moved rapidly to the next stage of evaluation and development of its flagship 100%-owned Lake Throssell Sulphate of Potash (**SOP**) Project in Western Australia.

Following the recent delivery of a substantial maiden **Inferred Mineral Resource estimate of 14.2Mt of drainable SOP** (see ASX announcement, 11 May 2021), Trigg has commenced a lake surface trenching and test pumping program.

The program follows on from the highly successful drilling campaigns that have established the presence of a high-grade brine deposit within the lake surface and the entire palaeovalley sequence.

The trenching and test pumping program is designed to enable estimates of drainable porosity and permeability of the surficial aquifer to be calculated.

The program includes seven test pit locations and two 100m long trial trenches, with associated monitoring pits (Figure 1). Pumping from the trial pits and trial trenches will create draw-down of the water table in the surrounding sediments which can be measured by the monitoring pits, with the rate

and magnitude of the draw-down used to estimate drainable porosity and permeability of these sediments.

Photos of the first trial trench are presented in Figures 2,3 and 4.

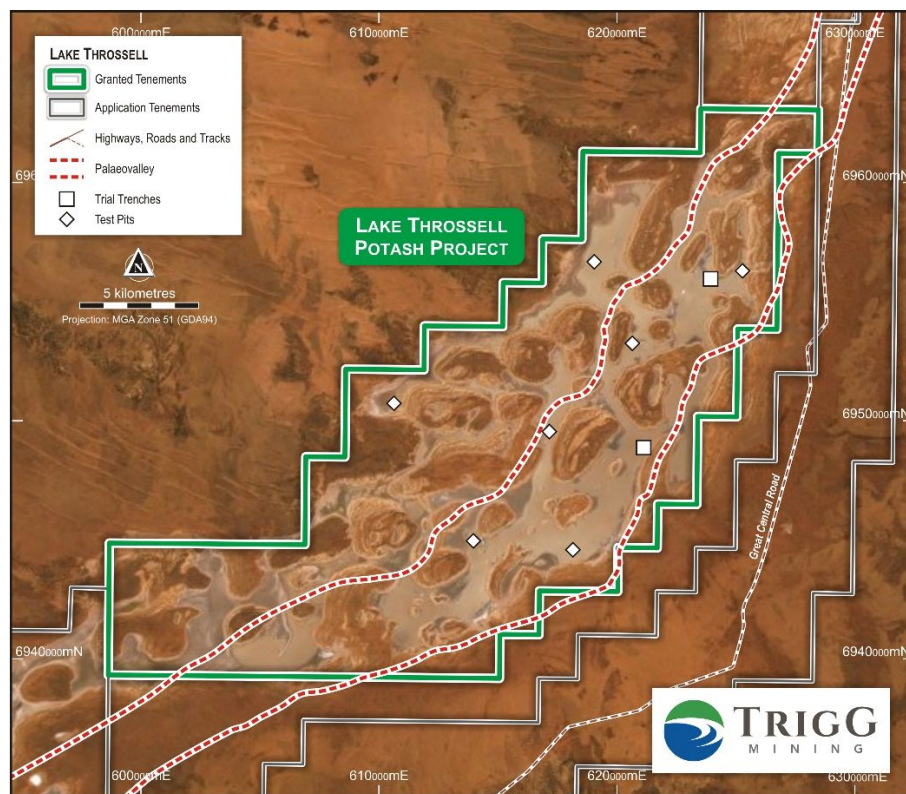


Figure 1: Location map of test pits and trial trenches



Figure 2: Lake Throssell – excavating the 100m long trial trench 01





Figure 3: Lake Throssell - aerial view of a 100m long trial trench 01 with monitoring pits installed



Figure 4: Lake Throssell - trial trench 01 with test pumping underway



**Trigg Mining's Managing Director, Keren Paterson, said:** *"We're excited to be back in the field so quickly with the trenching and pump testing program now well underway. The data which we will gather from these work programs will be a crucial input for calculating an Indicated Mineral Resource for the surficial aquifer and in estimating potential flow rates, which will help to establish the economic parameters that will underpin our Scoping Study."*

*"Having a higher-confidence Indicated Resource will be an important de-risking step for the Project, and will also form the basis of our planned Scoping Study commencing in the second half of this year. Production flow rate data will help us to establish the potential production profile and, ultimately, economic and financial features of the project."*

*"Following our recently announced maiden Inferred Mineral Resource, this represents another really important step forward towards creating a major new Sulphate of Potash production hub at Lake Throssell."*

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



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#### Competent Person Statement

For information referring to the exploration results in this document, refer to announcement dated 11 May 2021. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources, Exploration Target or Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement; and that the information in the announcement relating to exploration results is based upon, and fairly represents the information and supporting documentation prepared by the named Competent Person.

