

# TEM | Euro Update - Lithium Potential Identified

## **Key Points**

- Data analysis has identified lithium potential at the Euro Project
- Lithium bearing pegmatites previously reported in historic work
- Tempest conducting review of data to identify further lithium bearing outcrops

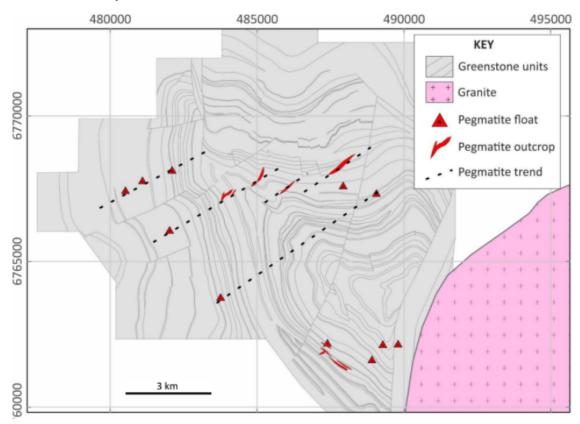
### News Item

Tempest Minerals Ltd (TEM) is pleased to provide information on the identification of lithium bearing pegmatite rocks in historic reports for the Euro Project. TEM's review of legacy data has identified lithium potential at the Euro Project. This is in addition to the multi-commodity potential within the Company's portfolio.

## **Euro Project**

#### Lithium Potential

TEM considers data to be a key <sup>1</sup> to its business and as such is continually reviewing legacy data for additional geological context. Recent compilations of historical reports have identified lithium bearing pegmatites at the Euro Project <sup>2</sup>.



#### Figure 1: Pegmatite outcrops at the Euro Project after Price et al 2020

Legacy mapping indicates that at least one of the multiple generations of pegmatites at the Euro Project are strongly lepidolite bearing. These pegmatite dykes appear to be oriented in a NE direction and younger (cross cutting existing geology). TEM are currently evaluating methods to explore further including correlating existing data and looking for additional targets through geochemistry and remote sensing.



#### Background

The Euro Project is 176 km<sup>2</sup> of 100% owned tenements within the exciting Warriedar exploration portfolio in the Yalgoo region of Western Australia which totals more than 900 km<sup>2</sup> (>800 km<sup>2</sup> granted and 110 km<sup>2</sup> pending). The Euro Project is an underexplored geological terrain located between several in development or producing operations including Karara (Iron), Shine (Iron), Mt Mulgine (Gold/Tungsten) and Rothsay (Gold/Copper).

Parts of the project were explored in the 1990s and early 2000s for gold and iron ore. Reconnaissance drilling in the north of the project area encountered significant gold mineralisation. Due to depressed metal prices, they were not considered priority and not followed up with targeted drilling.

TEM has previously identified the presence of gold and iron mineralisation including the recently completed drilling campaign which indicates the presence of a significant gold mineralisation corridor with abundant sulphides present  $^{3}$ .



Previously the Company highlighted the geological potential for base

metals including copper (nearby known copper occurrences <sup>4</sup>, tungsten (skarn mineralisation and major proximal tungsten project <sup>5</sup>) and nickel (presence of ultramafic units with potential spinifex textures <sup>6</sup>).

The latest indications of lithium potential at the Euro Project further highlight both the fertility and multicommodity potential of the project and the overall TEM portfolio.

#### **Next Steps**

- Correlate known occurrences with current datasets including geochemistry and remote sensing
- Evaluate the extent of the pegmatites within the project area and look for additional opportunities
- Ground truth field mapping and sampling
- Subject to exploration outcomes (assays pending), follow up drilling anticipated to begin later in 2022



The Board of the Company has authorised the release of this announcement to the market.

### About TEM

Tempest Minerals Ltd is an Australian based mineral exploration company with a diversified portfolio of projects in Western Australia considered highly prospective for precious, base and energy metals.

The Company has an experienced board and management team with a history of exploration, operational and corporate success.

Tempest leverages the team's energy, technical and commercial acumen to execute the Company's mission - to maximize shareholder value through focussed, data-driven, risk-weighted exploration and development of our assets.

#### Contact

For more information, please contact:

Don Smith

Managing Director

Image: Street of the system of the system

### **Forward-looking statements**

This document may contain certain forward-looking statements. Such statements are only predictions, based on certain assumptions and involve known and unknown risks, uncertainties and other factors, many of which are beyond the company's control. Actual events or results may differ materially from the events or results expected or implied in any forward-looking statement.

The inclusion of such statements should not be regarded as a representation, warranty or prediction with respect to the accuracy of the underlying assumptions or that any forward-looking statements will be or are likely to be fulfilled. Tempest undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date of this document (subject to securities exchange disclosure requirements).

The information in this document does not take into account the objectives, financial situation or particular needs of any person or organisation. Nothing contained in this document constitutes investment, legal, tax or other advice.

### **Competent Person Statement**

The information in this announcement that relates to Exploration Results and general project comments is based on information compiled by Don Smith who is the Managing Director of Tempest Minerals Ltd. Don is a Member of AusIMM and AIG and has sufficient experience relevant to the style of mineralisation under consideration and to the activities 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'. Don consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



## **Appendix A: References**

- 1. TEM Website <a href="https://tempestminerals.com/culture/">https://tempestminerals.com/culture/</a> (accessed 08 March 2022)
- 2. Price J., Blenkinsop T., Goodenough K. and Kerr A (2020) Record 2020/13 Stratigraphy Petrography And Structure Of Archaean Rocks In The Rothsay Mining Area, Western Yilgarn Craton
- 3. TEM ASX announcement dated 16 February 2022 "Euro Exploration Update Further Sulphides Intersected Within Broader Mineralised Corridor"
- 4. DMIRS mindex dataset (2022) Sears Prospect Record #S0229687
- 5. Tungsten Mining Ltd ASX:TGN website: <u>https://www.tungstenmining.com/en/projects/mt-mulgine/</u> (Accessed 08 March 2022)
- 6. Various TEM ASX announcements dated 2020 including "Investor Presentation Building Momentum"