

## TRIGG MINERALS TO COMMENCE CUTTING EDGE UAV GEOPHYSICAL TECHNOLOGIES AT WILD CATTLE CREEK

### HIGHLIGHTS

- Trigg minerals is pleased to announce the scheduling of cutting-edge UAV (unmanned aerial vehicle) geophysical technologies, including Sub-Audio Magnetics (SAM) and Very Low Frequency (VLF) Electromagnetic (EM) methods to map antimony-gold mineralisation in the Bielsdown Fault systematically.
- This would be the first time that **innovative and modern technology** was used on the Achilles project and will assist in delineating high value mineral targets. This is one of the last geological activities before commencing Triggs maiden drilling program at WCC.
- The UAV surveys aim to provide data that could assist Trigg in **delineating an exploration target** at the WCC deposit which is open both at depth and across the largely untested 6km captured fault that hosts the high grade WCC deposit and other regional targets with confirmed ultra-high-grade antimony at depth such as Jezebel.
- The cutting-edge SAM, VLF and EM surveys are non-invasive and will allow for reduced drilling costs, as the technology allows for **precise targeting of mineralised zones**, minimising the need for exploratory drilling in low-priority areas, accelerating project timelines whilst making substantial cost savings, and ensuring that resources are allocated efficiently and effectively throughout the exploration process.
- **Trigg is in final stages of completing its updated JORC Restatement**, which will be announced as soon as it is completed.
- The **updated Mineral Resource Estimate (MRE) will have captured significant amounts of data** that was not previously captured or incorporated in the historical MRE due to data inefficiency.
- Trigg has begun meetings with respective domestic and international government bodies.
- The WCC deposit also features **high grade Tungsten**, which is of strategic interest followings China's recent export control of Tungsten – allowing for further critical minerals credits.

**Trigg Minerals Limited** (ASX TMG) ("**Trigg**" or the "**Company**") is pleased to announce the scheduling of cutting-edge UAV (unmanned aerial vehicle) geophysical technologies, including Sub-Audio Magnetics (SAM) and Very Low Frequency (VLF) Electromagnetic (EM) methods to map antimony-gold mineralisation in the Bielsdown Fault systematically. This innovative program forms part of Trigg's broader exploration strategy at the Achilles Project to delineate high-value mineral targets along the 6 km length of the captured mineralised fault zone and its associated splays.

The Bielsdown Fault is a significant structural feature hosting the Wild Cattle Creek deposit, where Trigg is finalising a revised Mineral Resource Estimate. By employing SAM and EM methods, Trigg aims to precisely capture the geophysical response of the fault structure and its associated mineralisation zones, particularly around Wild Cattle Creek. Leveraging this data, Trigg will identify and define additional exploration targets and focus drilling along the fault, culminating in the reporting of an Exploration Target for the Achilles Project.

Trigg's Executive Chairman, Timothy Morrison, and Chief Geologist, Jonathan King, are set to visit the Achilles Project and Wild Cattle Creek Resource area next week. During their visit, they will have the opportunity to connect with Deputy Secretary Georgina Beattie, the driving force behind NSW Resources within the Department of Primary Industries and Regional Development. As the regulatory authority for the mining industry, her insights and leadership are pivotal, promising an engaging dialogue on the future of resource development at the Company's Achilles Project and other assets.



Commenting on the initiative, **Trigg Minerals' Executive Chair, Tim Morrison**, said:

*"This innovative application of UAV-based geophysical technologies underscores our commitment to leveraging advanced exploration methods to unlock the full potential of the Achilles Project while minimising our environmental impact and footprint. The Wild Cattle Creek deposit provides an excellent benchmark, and we are optimistic about the prospectivity of this region. We look forward to updating shareholders as we advance this exciting program."*

### **Strategic Focus on Exploration Target Definition**

The integration of UAV geophysical technologies offers several key advantages:

- **High-Resolution Mapping:** UAV-mounted SAM and EM systems will enable detailed geophysical surveys across rugged and hard-to-access terrain, ensuring comprehensive coverage of the Bielsdown Fault and surrounding areas.
- **Data-Driven Exploration:** Trigg can identify similar anomalies indicative of potential mineralisation by calibrating the geophysical response with data from the Wild Cattle Creek deposit.
- **Cost Efficiency:** UAV platforms offer a cost-effective approach to large-scale geophysical surveys, accelerating the exploration timeline while maintaining precision.
- **Reduced Drilling Costs:** The technologies allow for precise targeting of mineralised zones, minimising the need for exploratory drilling in low-priority areas, accelerating project timelines whilst making substantial cost savings, and ensuring that resources are allocated efficiently and effectively throughout the exploration process.

The primary objective of this program is to develop a robust exploration target model based on the geophysical characteristics of the Bielsdown Fault and the Wild Cattle Creek deposit. This approach positions Trigg to unlock the mineral potential of the Achilles Project area while also de-risking future exploration activities across the company's portfolio, including Taylors Arm, as it leverages this advanced technology.

### **Next Steps**

Data acquisition will commence in early 2025, with preliminary geophysical results expected during Q2 2025. These findings will form the basis for follow-up exploration, including potential drilling campaigns to test priority targets identified through this program.

*Announcement authorised for release by the Board of Trigg Minerals Limited.*

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**DISCLAIMERS****Competent Persons Statement**

The information related to Geological data is based on data compiled by Jonathan King, a Competent Person and Member of the Australian Institute of Geoscientists. Jonathan King is a director of Geoimpact Pty Ltd. Jonathan King has sufficient experience that is relevant to the style of mineralisation and type of deposits 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. Jonathan King consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

**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.

