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ASX RELEASE

11 May 2022 **Investor Webinar Presentation**

Torian Resources Limited (ASX: TNR) will update investors on the company's exciting emergence as a multi-commodity play in ShareCafe's Small Cap "Hidden Gems" Webinar, to be held this Friday, 13 May 2022 from 12:30pm AEST / 10:30am AWST.

Torian Executive Director, Mr Peretz Schapiro, will provide an overview of the company's Mt Stirling Project in Western Australia's Eastern Goldfields, which hosts 12 major gold targets as well as new, clean heavy rare earths elements (HREE) prospects characterised by an exceptionally high ratio of heavy rare earths to total rare earths and no radioactivity.

Torian's Wishbone and Yttria HREE prospects host all five of the most critical REEs: Dysprosium / Terbium / Europium / Neodymium and Yttrium, with significant anomalous concentrations of Scandium. Combined, Wishbone and Yttria bring the size of Torian's clean HREE footprint to approximately 3.6km in strike.

This webinar is able to be viewed live via Zoom and will provide viewers the opportunity to hear from and engage with Mr Schapiro.

To access further details of the event and to register at no cost, please copy and paste the following link into your internet browser:

https://us02web.zoom.us/webinar/register/6516516273911/WN_vV1_ktZtRuSHUnIjKBscUw

A recorded copy of the webinar will be made available following the event.

A copy of the investor presentation to be delivered during the webinar will be released at the time of the webinar.

This announcement has been authorised for release by the Board.

Further information:

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About Torian Resources

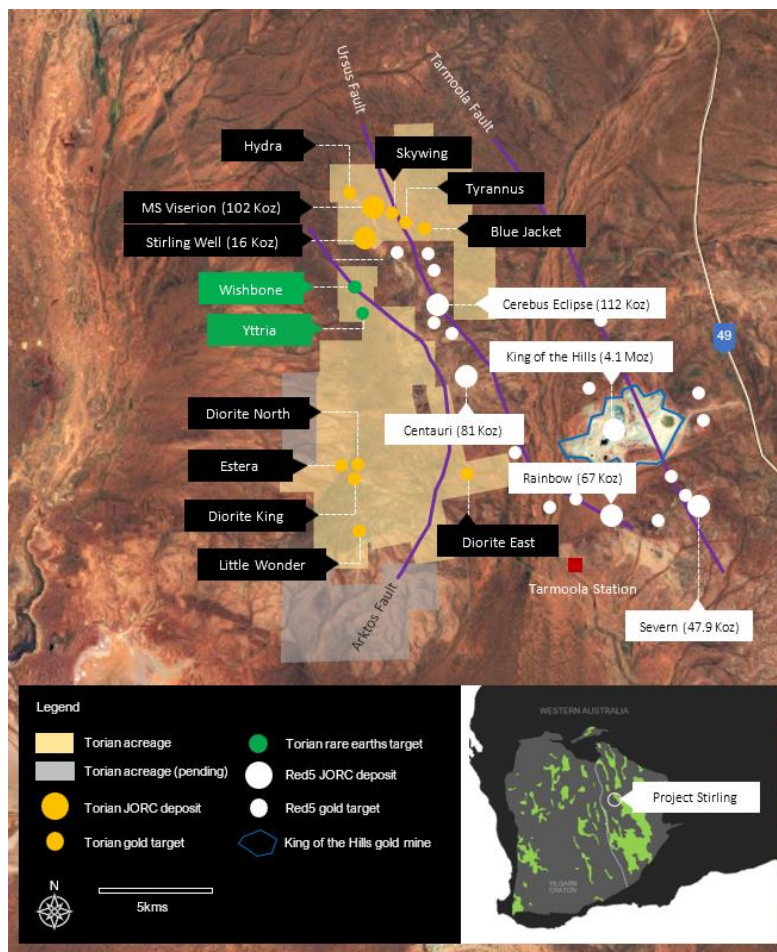
Torian Resources Ltd (ASX: TNR) is a highly active gold and rare earths exploration and development company with over 400km² of tenure in Western Australia's Eastern Goldfields region, near the mining town of Leonora and Kalgoorlie. All projects are nearby to excellent infrastructure.

Torian's flagship Mt Stirling Project hosts current JORC compliant total mineral resource estimates of 118,400 gold ounces¹ and neighbours Red 5's King of the Hills mine. The region has recently produced approximately 14M oz of gold from mines such as Tower Hills, Sons of Gwalia, Thunderbox, Harbour Lights and Gwalia.

Rare Earths with an extremely high ratio of the significant critical and valuable Heavy Rare Earths (HREEs) to Total Rare Earths (TREEs) have been discovered throughout clays and regolith horizons at Yttria at Mt Stirling. Yttria has a significantly high ratio of HREOs to TREOs and hosts all five most critical REEs; Dysprosium / Terbium / Europium / Neodymium and Yttrium, with significant anomalous concentrations of Scandium. Yttria is also distinguished by lack of radioactive minerals associated with most other known rare earth deposits.

The Mt Stirling Project consists of two JORC compliant deposits:

1. MS Viserion – 355,000t at 1.7 g/t Au for 20,000oz (Indicated) and 1,695,000 at 1.5 g/t Au for 82,000oz (Inferred)
2. Stirling Well – 253,500t at 2.01 g/t Au for 16,384oz (Inferred)



¹ Refer ASX release dated 27 May 2021 for more information



Competent Person Statement

Information on the Mineral Resources presented, together with JORC Table 1 information, is contained in the ASX releases dated 27 May 2021, 25 February 2019 and 29 January 2020. The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant market announcements, and that the form and context in which the Competent Persons findings are presented have not been materially modified from the original announcements.

Where the Company refers to Mineral Resources in this announcement (referencing previous releases made to the ASX), it confirms that it is not aware of any new information or data that materially affects the information included in that announcement and all material assumptions and technical parameters underpinning the Mineral Resource estimate with that announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not materially changed from the original announcement.