

19 May 2025

Inaugural field exploration program has commenced at Treuer Range Uranium / Vanadium Project

NewPeak Metals Limited (NPM:ASX) (**NewPeak**, **NPM** or the **Company**) is pleased to announce that planned exploration works have commenced at its Treuer Range uranium/vanadium project located in the Northern Territory's Ngalia Basin.

EXPLORATION PROGRAM

After several inclement weather delays, works are now underway and are being undertaken by Pinata Resources Pty Ltd. Planned activities include:

- Ground-based radiometric surveys over key airborne radiometric anomalies with a handheld scintillometer to detect uranium, potassium, thorium and total counts
- Broad-scale geological mapping of radiometric anomalies, including surface geochemical sampling. Geochemical samples will be submitted for multi-element analyses, including a suite of indicator elements characteristic of Bigblyi-style mineralization

Field work is expected to comprise 10 days of field work, with assay results expected to be received approximately 4 weeks following the conclusion of sample delivery to ALS Geochemistry Adelaide.

PROJECT OVERVIEW

The Treuer Range Project is located in the Northern Territory's Ngalia Basin, approximately 315km northwest of Alice Springs (Figure 1).

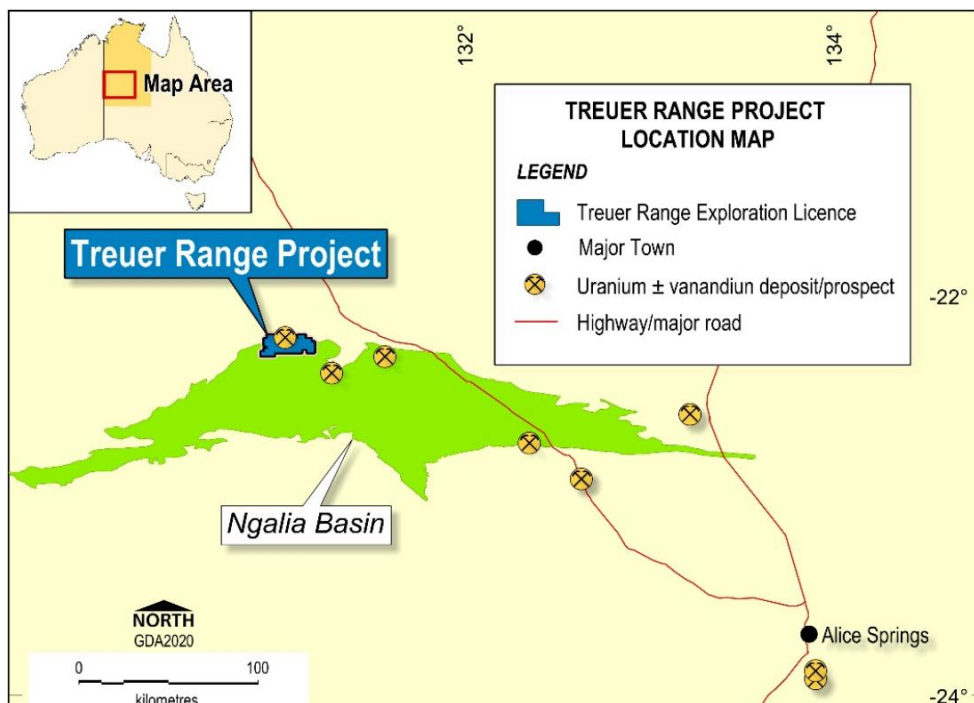


Figure 1: Treuer Range Project, Location Map.

The project surrounds the Bigrlyi Uranium-Vanadium Deposit (72.39% held by Energy Metals Limited) which has a recently updated JORC (2012) Reported Total Mineral Resource Estimate (Measured, Indicated, and Inferred) of 7.94 MT @ 1,370ppm U₃O₈ and 1,270ppm V₂O₅ (cut-off grade of 500ppm U₃O₈) for 23.9Mlb (10.9kt) U₃O₈ and 10.1kt V₂O₅ within the Mount Eclipse Sandstone (*EME ASX release 25 February 2025*).

Potential exists for structural repetitions and strike extensions of Bigrlyi-style mineralisation within the Mount Eclipse Sandstone, which is the dominant rock stratigraphic unit in the project (Figure 2).

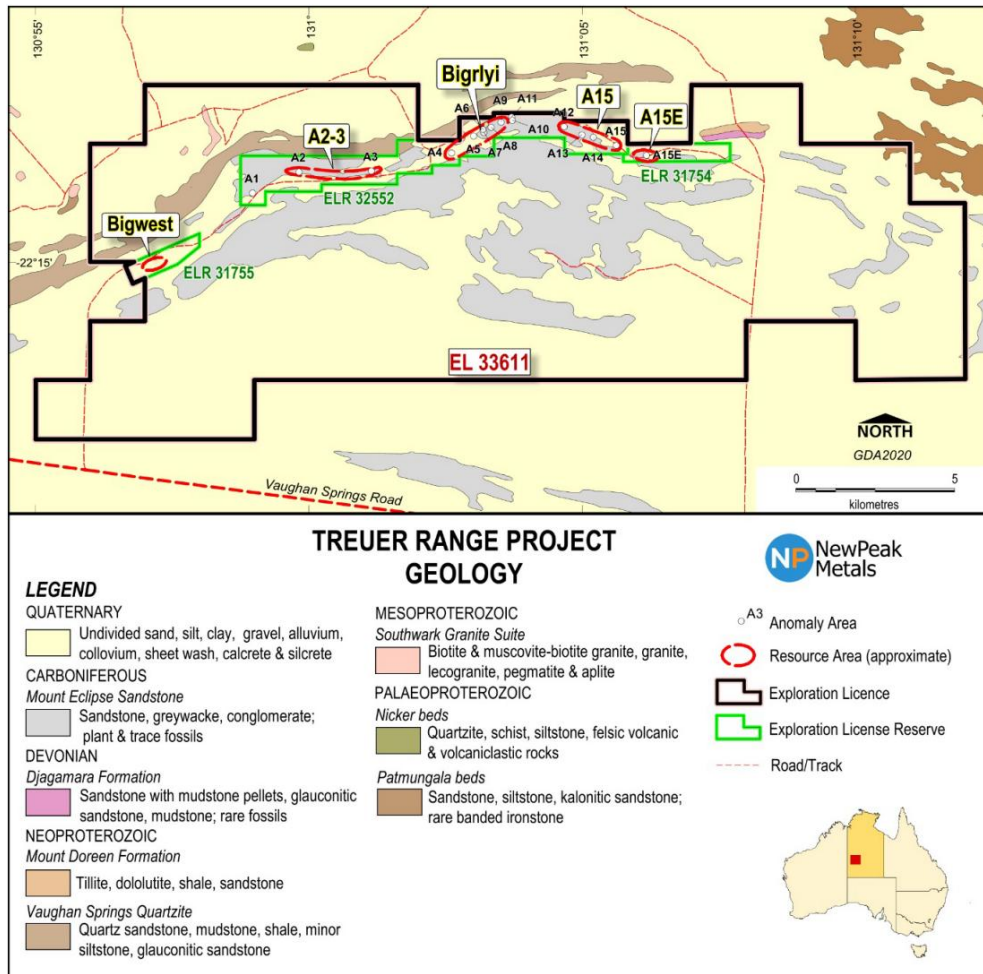


Figure 2: Treuer Range Geology Map

An examination of uranium airborne radiometric data (Geoscience Australia, 2024) reveals significant uranium radiometric anomalies in the Treuer Range project associated with the Mount Eclipse Sandstone, with several strong responses in the northwest part of the project caused by uranium-rich granites. Figure 3 depicts the radiometric anomalies, which have been grouped and designated A-G. Figure 3 also shows that some of the uranium radiometric anomalies from the Mount Eclipse Sandstone and outside the Exploration Licence Reserves are similar in size and intensity to those associated with the Bigrlyi deposit and sub-deposits. A review of historical exploration reveals that many of these radiometric responses have not been systematically tested and should be investigated.

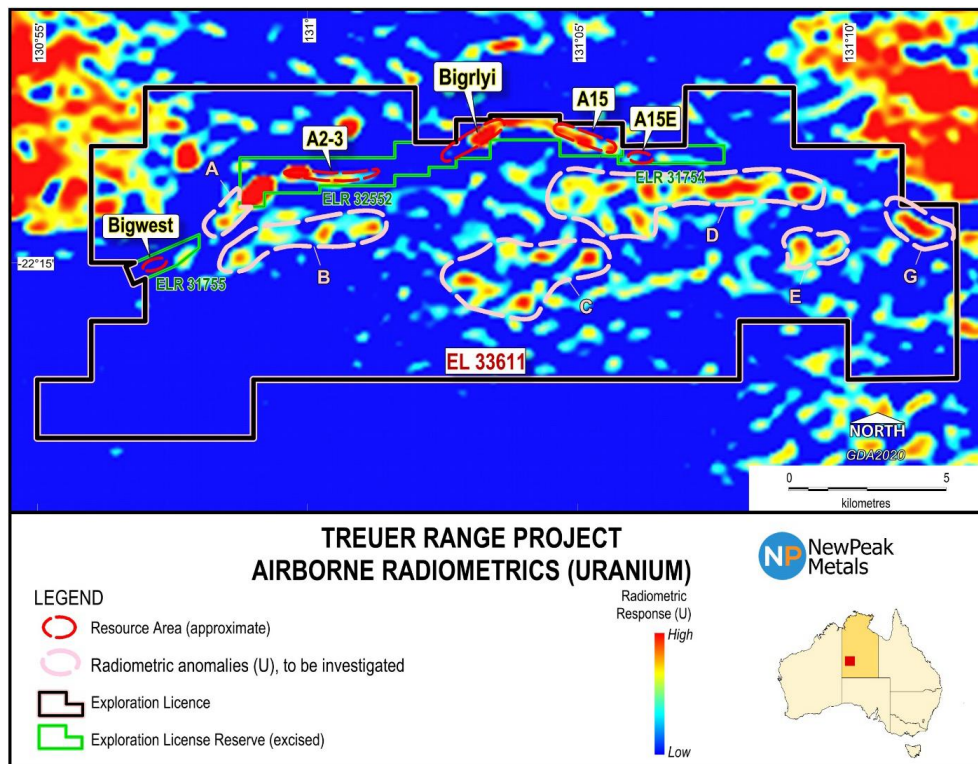


Figure 3: Treuer Range Project, Airborne Radiometric (Uranium) Map (Source: Geoscience Australia, 2024: (Radmap) v4 2019).

Further information on the Treuer Range Project can be found in NewPeak ASX Announcement dated 15 October 2024, titled “NewPeak identifies uranium targets at its Treuer Range uranium-vanadium project, Northern Territory.”

CAUTIONARY STATEMENT

NewPeak and the Company’s Competent Person recognize that these historic exploration results have not been reported in accordance with JORC Code 2012 and a Competent Person has not done sufficient work to disclose the Exploration Results in accordance with JORC Code 2012. It is possible that further evaluation and/or exploration may reduce confidence in these results as further sampling is undertaken to advance the project to JORC Code 2012 compliance. To date nothing has come to the Company’s attention that causes it to question the accuracy or reliability of the historic sampling but as the Company has not independently validated these results it is not to be regarded as reporting, adopting or endorsing these results.

Authorised for Release by the Board.

For further information contact:

Mr. Mark Purcell
Chief Executive Officer
mpurcell@newpeak.com.au

Website: www.newpeak.com.au

X: [@ASX_NPM](https://twitter.com/ASX_NPM)

Forward Looking Statement

This announcement may contain certain statements and projections provided by or on behalf of NewPeak Metals Limited (NewPeak, the Company) with respect to the anticipated future undertakings. These forward-looking statements reflect various assumptions by or on behalf of the Company. Accordingly, these statements are subject to significant business, economic and competitive uncertainties and contingencies associated with exploration and/or mining which may be beyond the control of the Company which could cause actual results or trends to differ materially, including but not limited to price fluctuations, exploration results, reserve and resource estimation, environmental risks, physical risks, legislative and regulatory changes, political risks, project delay or advancement, ability to meet funding requirements, factors relating to property title, dependence on key personnel, share price volatility, approvals and cost estimates. Accordingly, there can be no assurance that such statements and projections will be realised. The Company makes no representations as to the accuracy or completeness of any such statement of projections or that any forecasts will be achieved.

Additionally, the Company makes no representation or warranty, express or implied, in relation to, and no responsibility or liability (whether for negligence, under statute or otherwise) is or will be accepted by the Company or by any of their respective officers, directors, shareholders, partners, employees, or advisers as to or in relation to the accuracy or completeness of the information, statements, opinions or matters (express or implied) arising out of, contained in or derived from this presentation or any omission from this presentation or of any other written or oral information or opinions provided now or in the future to any interested party or its advisers. In furnishing this presentation, the Company undertakes no obligation to provide any additional or updated information whether as a result of new information, future events or results or otherwise.

Nothing in this material should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities. It does not include all available information and should not be used in isolation as a basis to invest in NewPeak.

Previous Disclosure - 2012 JORC Code

Information relating to Mineral Resources, Exploration Targets and Exploration Data associated with the Company's projects in this announcement is extracted from the following ASX Announcements:

- ASX announcement titled "NewPeak identifies uranium targets at its Treuer Range uranium-vanadium project, Northern Territory" dated 15 October 2024.

A copy of such announcements is available to view on the ASX website www.asx.com. The reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves unless otherwise stated. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. 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 announcements.

Competent Person Statement

The information in this report that relates to exploration targets, exploration results, mineral resources or ore reserve is based on information compiled by Mr David Mason who is a Fellow of The Australasian Institute of Mining and Metallurgy (AusIMM). Mr Mason is a Director of the Company and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'.

Mr Mason consents to the inclusion in this report of the matters based on their information in the form and context in which it appears. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified.