

## CGN Resources 2024 Exploration Campaign Commences

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### Highlights:

- **2024 exploration campaign commences on February 20<sup>th</sup> as planned.**
  - **Comprehensive exploration programs fully funded across six main targets.**
  - **High-impact exploration programs including geophysics, diamond, and RC drilling.**
  - **First phase programs include ground gravity, IP, and EM.**
  - **EIS funded deep diamond hole to commence in late March.**
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**CGN Resources Limited (ASX: CGR, or “the Company”)** is pleased to announce that the first phase of its 2024 exploration programs will commence at the Webb project in the West Arunta region of Western Australia. Geophysical crews are set to begin mobilisation to site on the 20<sup>th</sup> of February to conduct ground gravity, passive seismic and IP surveys at Surus, Tantor, Snorky and Horton, as well as an EM survey at Shep. Upon completion of the geophysics, a 700m deep EIS funded diamond hole is scheduled at the Surus gravity target in late March. In Q2 CGN will mobilise an RC rig to site to test the Shep and Hathi targets and prepare pre-collars for Snorky and Horton. The final phase of the work will be to complete diamond drilling at Snorky and Horton later in the year.

CGN Resources is fully funded and has secured all the necessary permits to commence work immediately. The wide-ranging heritage survey carried out in 2023 has approved all the planned programs. Significantly, in the event of a discovery, additional clearances are already in place to expedite further exploration.

**CGN Resources Managing Director Stan Wholley** commented:

*“With our highly successful IPO in October raising \$10 million we are now strongly positioned to push hard on the exploration front and try and emulate the success of some of our neighbours in the West Arunta. The Company has a suite of high-quality targets to test in this initial exploration campaign targeting iron oxide copper gold targets (IOCG), rare earth elements (REE) and nickel targets. Given the proximity to WA1 and ENR to the north there is also the possibility of niobium rich carbonatites to exist which makes this exploration campaign incredibly exciting.*

*The programs have been planned to be staged and iterative so we can take advantage of new information as it becomes available. This will allow the CGN team to be flexible and dynamic in our response to new information from geophysics and drilling as it unfolds. We are in the fortunate position to have substantial clearance programs in place so if we make a discovery, we can expand our programs and deploy our resources quickly to assess the scale of the discovery.”*

### 2024 Exploration Programs

The Company will deploy wide-ranging programs which will include ground gravity and IP surveys at Tantor, Surus, Snorky and Horton, an EM survey at Shep and a mixture of RC and diamond core drilling over the six main targets (Figure 1).

The geophysical contractors (Atlas and Zonge) will commence mobilisation to site on the 20<sup>th</sup> of February to complete the gravity, passive seismic, IP and EM surveys. The surveys are likely to

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require 3-4 weeks to complete with results available in real-time to assist with planning the next phase of drilling.

Drilling will commence at the Surus target, a large regionally significant gravity anomaly adjacent to major a crustal feature that splays off the Central Australian Suture. The Surus target is one of the Company's IOCG targets, However, given its location in relation to recent niobium-rich carbonatite discoveries by WA1 and Encounter there is the potential for this this large gravity feature to also be a carbonatite. The 700m diamond hole has received \$220k in grant funding via the exploration incentive scheme which will meet half the costs of drilling. CGN has contracted DDH1 to complete the drilling which is expected to commence at the end of March 2024 and be completed in 3-4 weeks from commencement.

At the completion of the diamond drilling the Company will mobilise an RC drill rig to site towards the end of April 2024. The drilling will initially focus on the significant nickel mineralisation intersected in previous drilling grading up to 1.18% Ni (see announcement 1/11/23). A series of holes are planned over this target based on known mineralisation and magnetic data; final hole locations will be selected incorporating the results of the ground EM survey. The aim is to test if similar ultramafic rocks as those intersected at Tantor are also present at Shep with a higher tenor of mineralisation.

RC drilling will also be used to follow up the previous rare earth element (REE) mineralisation intersected at Hathi. Drilling will look to replicate or enhance the 37 m intercept grading 0.38% REE located in hole W14RC045 (reported in previous announcement 1/11/2023). A series of holes are planned to further test this highly anomalous target. RC will be drilling will also be used for pre-collaring the deeper diamond drill holes into our IOCG targets at Snorky and Horton.

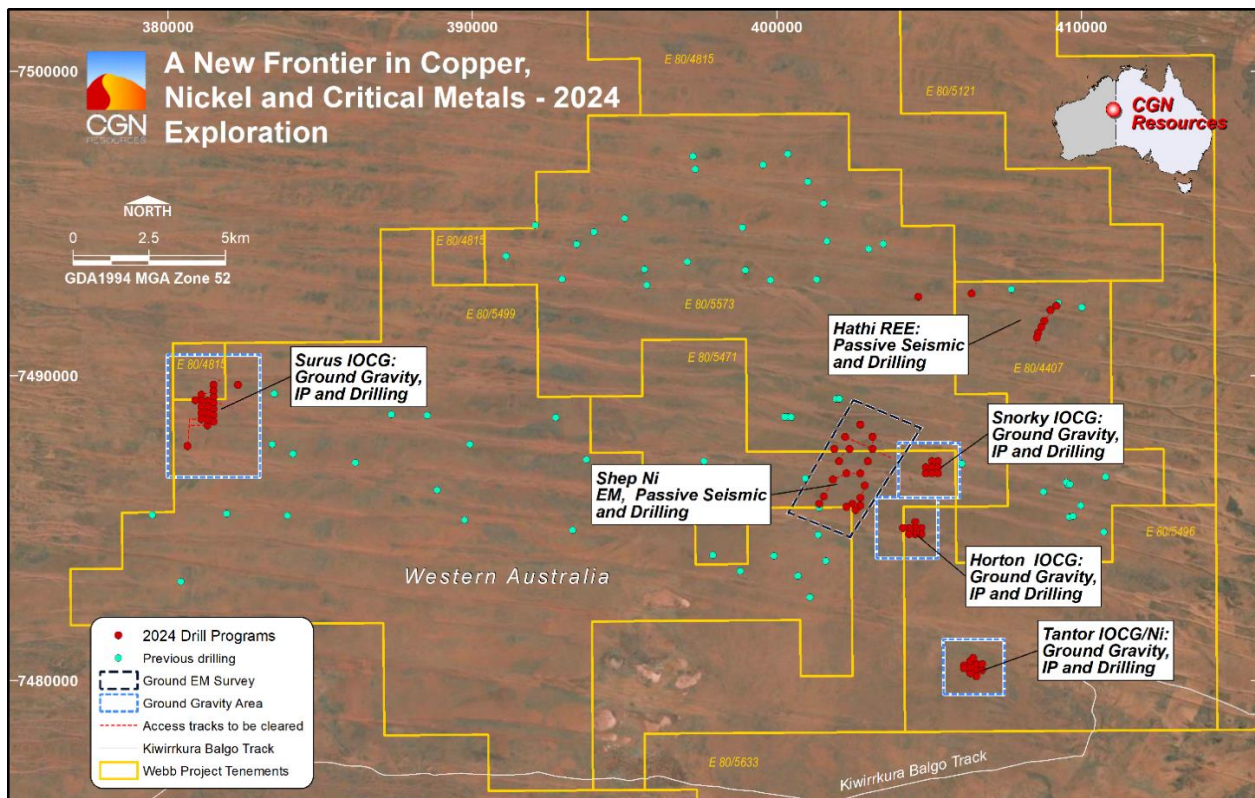


Figure 1. 2024 exploration programs - heritage cleared areas.

## Project Overview

CGN Resources' flagship Webb Project encompasses a significant 961km<sup>2</sup> package of tenements located in the highly prospective West Arunta Orogen in Western Australia (Figure 2). The region has garnered recognition as a unique opportunity for targeting copper, nickel, and specialty metals within a mineral-rich terrain that has seen limited prior exploration.

The Webb Project is situated within one of Australia's most active exploration districts, the West Arunta Orogen (WAO), which is currently experiencing high levels of interest and activity. The Webb Project is surrounded by prominent mining corporations and ambitious exploration companies, including WA1 Resources Ltd (ASX: WA1), the Rio Tinto Group – Tali Resources Pty Ltd Joint Venture, Encounter Resources Ltd (ASX: ENR) and IGO Ltd (ASX: IGO).

CGN Resources has already demonstrated the potential for diamondiferous kimberlites at Webb, discovering the largest kimberlite field in Australia. During its diamond exploration efforts, the Company compiled a collection of high-quality regional datasets. These datasets include multielement geochemistry data from drill holes, a high-resolution aeromagnetic survey spanning most of the tenement area, a detailed Falcon gravity survey, as well as publicly available data from organisations such as the GSWA and Geoscience Australia.

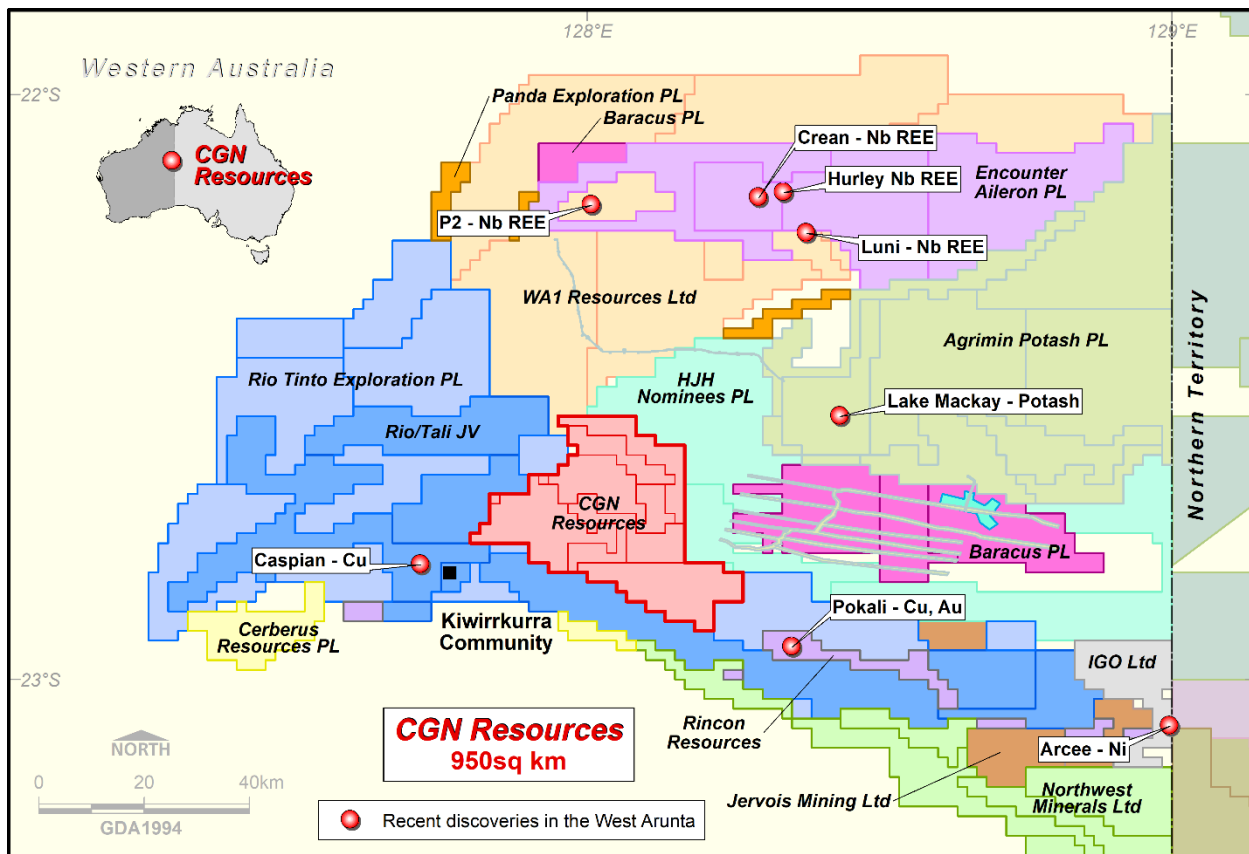


Figure 2. Location of CGN's Webb Project in the West Arunta, Western Australia.

## ENDS

This announcement has been authorised by the Board of Directors of the Company.

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### Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning CGN Resources Limited's planned exploration programme and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should," and similar expressions are forward-looking statements. Although CGN Resources Limited believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.

### Competent Person's Statement

The information in this announcement that relates to Exploration Results for the Webb Project is based on, and fairly represents, information compiled by Mr Daniel Wholley, a Competent Person who is a Member of the Australian Institute Geoscientists (AIG). Mr Wholley is a fulltime employee of CGN Resources Limited. Mr Wholley has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr Wholley consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.