

## Maiden Drilling Commences at Rio Negro High-Grade Rare-Earth Clay Prospect

*Just four months after staking the project, Equinox Resources has commenced its maiden drill program following the discovery of widespread high-grade REE mineralised zones.*

### Highlights

- Equinox Resources CEO Zac Komur was on site to initiate the 2,000m drilling program at the Rio Negro prospect, alongside the Company's drilling contractor, Raio X Drilling.
- Drilling has commenced with three auger drilling teams and an RC drill rig team, comprising 92 auger drill holes. The RC drill rig will focus on areas with the highest surface sample grades and geophysical anomalies.
- The maiden exploration program is designed to delineate the geological profile, as REE concentrations are expected to increase with depth. The Rio Negro prospect is supported by initial surface clay samples which returned grades up to 2,282ppm TREO<sup>1</sup>.
- Samples collected at one meter intervals, with assay results expected in late Q4 FY24.
- Strategic, positive engagements with community leaders and key Brazilian mining agencies have resulted in full support for advancing the Equinox Resources projects in Brazil.

**Equinox Resources Limited (ASX: EQN) ("Equinox Resources" or the "Company")** is pleased to announce that it has commenced its maiden drilling program at the "Rio Negro" prospect, part of the "Campo Grande" Rare Earth Project province of Bahia, Brazil.

### Equinox Resources' CEO, Zac Komur, commented:

*"The progress we've made with the Campo Grande Project is not just notable; it's a testament to the power of speed and precision in action. Our ability to assemble an exploration team rapidly, setup a Brazilian identity, embark on an extensive surface sampling campaign, establish a base in Jequié, secure the necessary environmental permits, negotiate land access, finalise a drilling contract, and get commitment and support from community and streamline communication with labs for sample analyses, speaks volumes about our efficiency and competency.*

*"I want to acknowledge the pioneering culture behind staking this project. It's the result of diligent groundwork, a keen eye on the geology, and a strategic approach to staking virgin territory. The pace at which we've moved forward is not just impressive; it's exemplary.*

*"Being part of the inaugural drill team was a remarkable experience, emphasizing the significance of the program we've initiated. This program is crucial for defining the mineralisation extent at the Rio Negro Prospect. Our strategy, which involves the deployment of three auger teams, is designed for speed and cost-effectiveness, targeting the higher-grade REE ore zone directly.*

*"As we extend our surface sampling activities across the broad expanses of the Campo Grande Project, our vision broadens with the aim of unveiling new opportunities. This pursuit enables us to conduct multiple exploration campaigns throughout the project's vast terrain simultaneously. Our methodology is not just about expanding our geographical footprint; it's a testament to our commitment to exploration that is responsible, efficient, cost-effective, and adds real value."*



*Figure 1 – Equinox Resources CEO Zac Komur on the first maiden drill hole at the Rio Negro prospect.*



*Figure 2 – RC drill rig drilling at the Rio Negro prospect.*



*Figure 3 – Sample Collection Underway at the RC drill rig.*



*Figure 4 – Janderson Equinox Resources technician overseeing the quality assurance and controls at the RC drill rig.*



*Figure 5 – Equinox Resources Storage Facility prior to sample dispatch to laboratories.*



*Figure 6 – Equinox Resources CEO Zac Komur meets with the landowner of the Rio Negro prospect.*

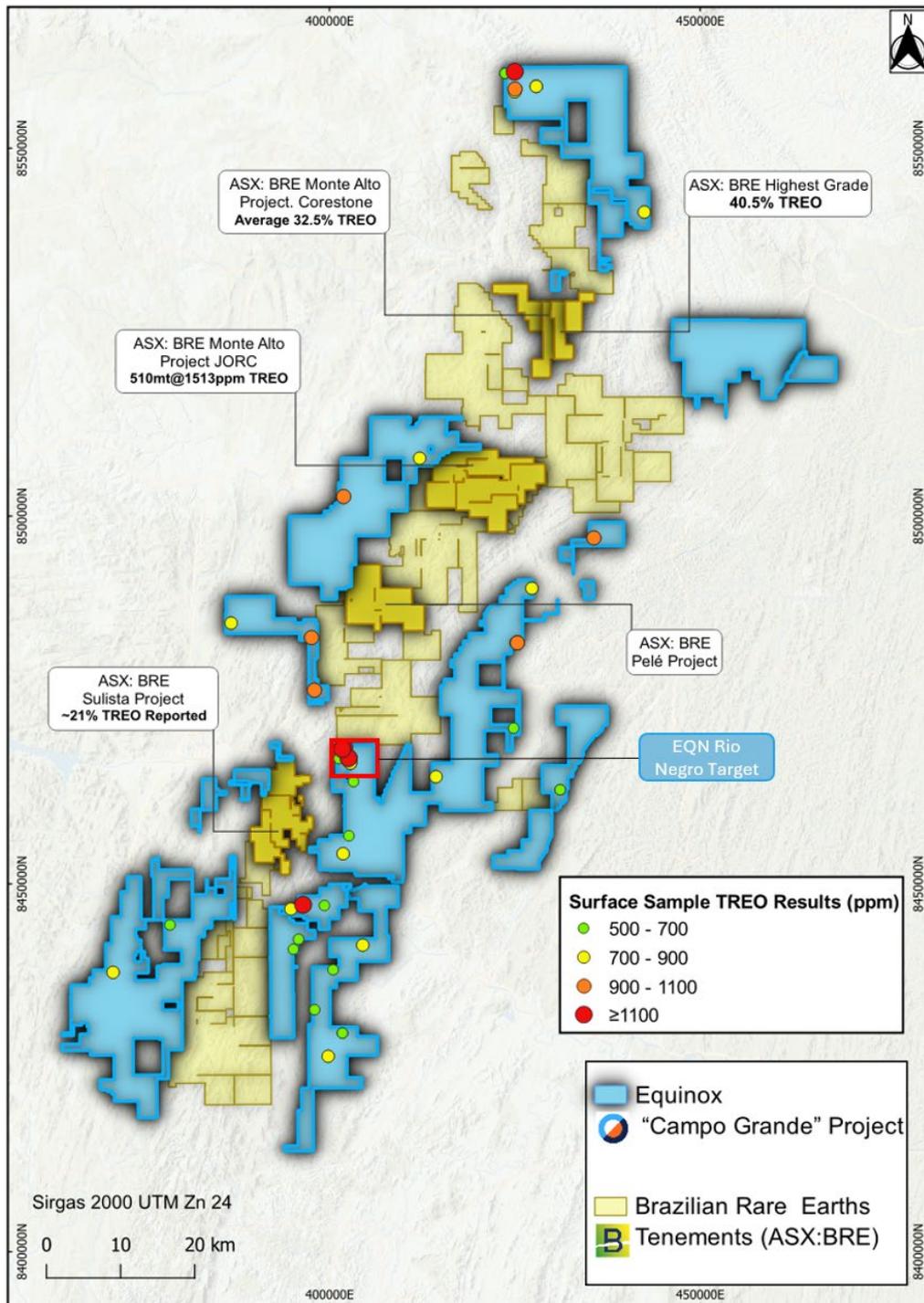


Figure 7 – Rio Negro prospect for maiden drilling in relation to results from surface sample results and location relative to neighboring Brazilian Rare Earths (BRE) discoveries.<sup>1</sup>

<sup>1</sup> Refer to Brazilian Rare Earths Limited Ultra-High Grade Rare Earth Assay at Monte Alto Project dated 1 February 2024. The Campo Grande Project's proximity to the Brazilian Rare Earth Projects does not guarantee the prospectivity of the Campo Grande Project.

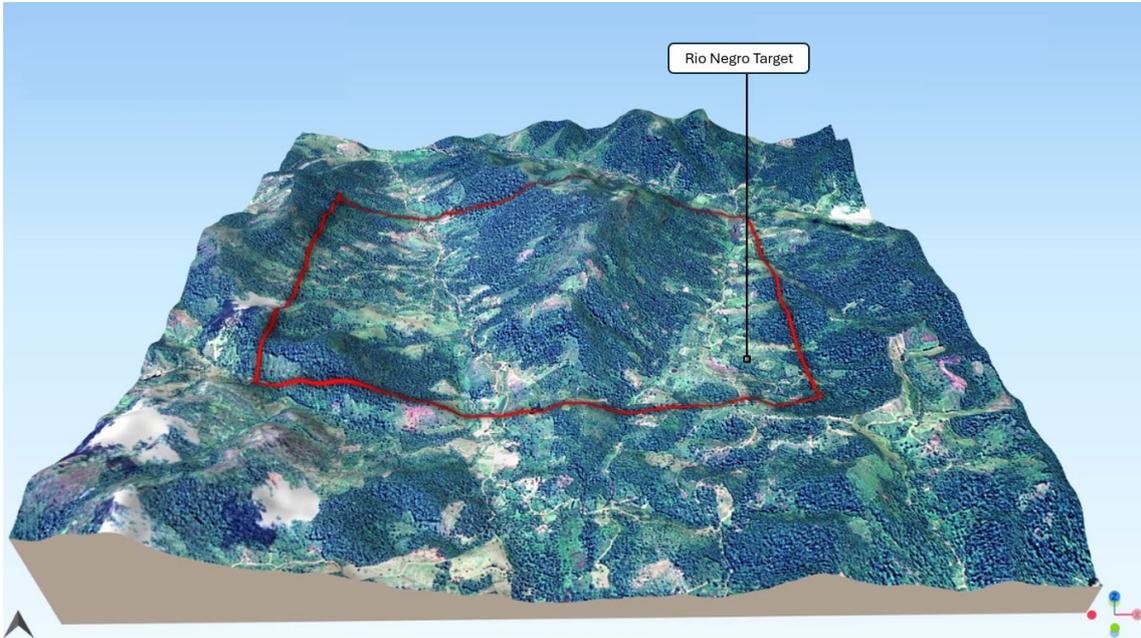


Figure 8 – Topographical overview of the Rio Negro prospect

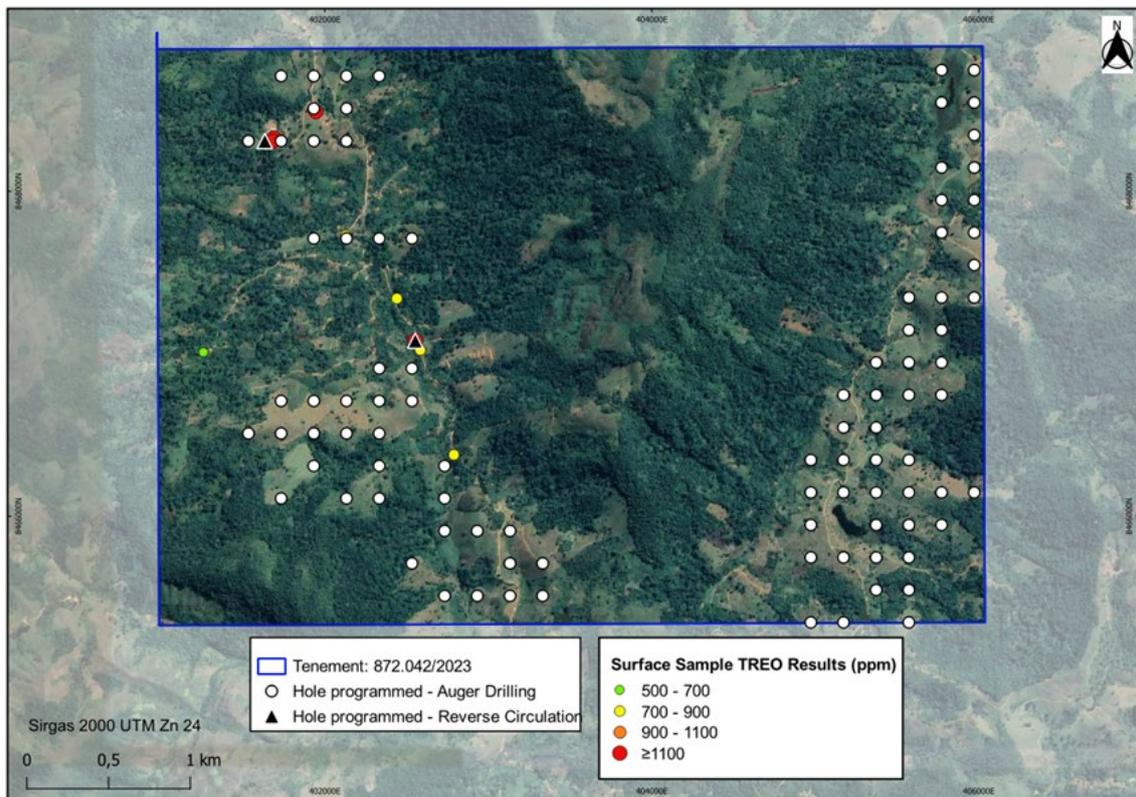


Figure 9 – Auger and RC drill holes and surface sample results at the Rio Negro prospect <sup>2</sup>

<sup>2</sup> Refer ASX EQN announcement dated 2 April 2024. District Scale REE Discovery at Campo Grande

### **Strengthening Community Partnerships: A Milestone Meeting with Mayor Zé Cocá**

Equinox Resources CEO Zac Komur recently engaged in a significant dialogue with Mayor Zé Cocá of Jequié and his ministerial team regarding the "Campo Grande" Rare Earths Project. This collaboration signifies a crucial advancement, earning the full support and endorsement from Mayor Cocá, highlighting a mutual dedication to sustainable development and community prosperity.

Throughout their constructive discussions, the focus was placed on utilizing the project to bolster critical infrastructure under construction and foster community development initiatives. This partnership extends beyond mere business expansion, aiming instead to cultivate a legacy of positive transformation and growth within the region.

Reflecting on this pivotal engagement, a reinforced commitment to a partnership based on mutual respect and aligned objectives is evident, with aspirations to perpetuate the project's benefits for future generations.



*Figure 10 – Equinox Resources CEO Zac Komur has received full support from Mayor Zé Cocá*



*Figure 11 – Equinox Resources Exploration Manager, Luciano Bruno, presenting the compelling geology that the region has to offer to the mayor and his ministerial team.*

### **Advancing Equinox Resources Brazil Project: Key Meetings to Streamline Permitting and Foster Support**

Equinox Resources CEO Zac Komur engaged in critical meetings with key figures in Brazil's mining and energy agency. Among the distinguished attendees were Rodrigo Toledo Cabral Cata, Director of the Brazilian Ministry of Mines and Energy; Director General Mauro Henrique Moreira Sousa; Director Roger Romão Cabral of the National Mining Agency (ANM); Manager of ANM Bahia Dr Carla Ferreira; Federal Deputy Zé Silva, president of the Parliamentary Front for Sustainable Mining; and Daniel Pires Vieira from ABPM. The primary goal of these discussions was to present Equinox Resources' extensive activities within Brazil, which led to open and meaningful conversations.

The meetings addressed several challenges facing the Brazilian mining industry, including obstacles encountered by laboratories and potential areas for improvement. A significant focus was placed on the intricacies of the permitting processes, with Agência Nacional de Mineração (ANM) expressing a desire to streamline these procedures to facilitate foreign investment.

The outcomes of these meetings were not only productive but also validating. The discussions have reinforced Equinox Resources' commitment to contributing to Brazil's mining and resources sector, emphasizing value creation, growth, and sustainability. Through careful analysis and strategic planning, Equinox Resources aims to make a significant impact on Brazil's economic landscape.



*Figure 12 – Equinox Resources Team meets with the Brazilian Ministry of Mines and Energy.*



*Figure 13 – Equinox Resources CEO Zac Komur meets with Director Roger Romão Cabral of the National Mining Agency*



*Figure 14 – Equinox Resources CEO, Zac Komur, meets with Dr. Carla Ferreira from the National Mining Agency in the State of Bahia*



*Figure 15 – The Equinox Resources delegation meets with Federal Deputy Zé Silva, President of the Parliamentary Front for Sustainable Mining*

## References

1 Refer ASX announcement dated 2 April 2024.

2 Refer to Brazilian Rare Earths Limited Ultra-High Grade Rare Earth Assay at Monte Alto Project dated 1 February 2024. The Campo Grande Project's proximity to the Brazilian Rare Earth Projects does not guarantee the prospectivity of the Campo Grande Project.

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Authorised for release by the Board of Equinox Resources Limited.

## COMPLIANCE STATEMENT

This announcement contains information on the Campo Grande Project extracted from ASX market announcements dated 28 November 2023, 27 February 2024, 5 March 2024 and 2 April 2024 released by the Company and reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (2012 JORC Code) and available for viewing at [www.eqnx.com.au](http://www.eqnx.com.au) or [www.asx.com.au](http://www.asx.com.au). EQN is not aware of any new information or data that materially affects the information included in the original market announcement.

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