

## ➤ ASX ANNOUNCEMENT

15 August 2023

### ASX:TYX

#### Issued Capital

3,286,425,325 shares  
576,935,342 @ 0.01 options  
1,000,000 @ 0.075 options  
1,000,000 @ 0.10 options

#### Directors

Joe Graziano  
Paul Williams  
Peter Spitalny  
David Wheeler

#### Company Secretary

Tim Slate

#### About Tyranna Resources Ltd

TYX is an ASX Listed explorer focused on discovery and development of Lithium assets in Angola

It owns 74% of a 200km<sup>2</sup> lithium exploration project in the emerging Giraul pegmatite field located east of Namibe, Angola, Africa.

#### Tyranna Resources Ltd

ACN: 124 990 405

L3, 101 St Georges Terrace  
Perth WA 6000  
Telephone: +61 (08) 6558 0886

[info@tyrannaresources.com](mailto:info@tyrannaresources.com)  
[tyrannaresources.com](http://tyrannaresources.com)

# Drilling commencement imminent to expand Muvero with a 6,000m RC program

## Highlights

- > 30 RC drill-holes for 6,000m of drilling planned for Muvero, to commence in October 2023
- > Cash balance of A\$14.5m+ from recent Sinomine investment will fund this and subsequent drilling phases with the aim to define Tyranna's maiden Mineral Resource
- > Access remediation and other track, drill-site and camp preparation work underway
- > Increased detail of mapping at Muvero and Muvero East has enabled drill-plan optimisation

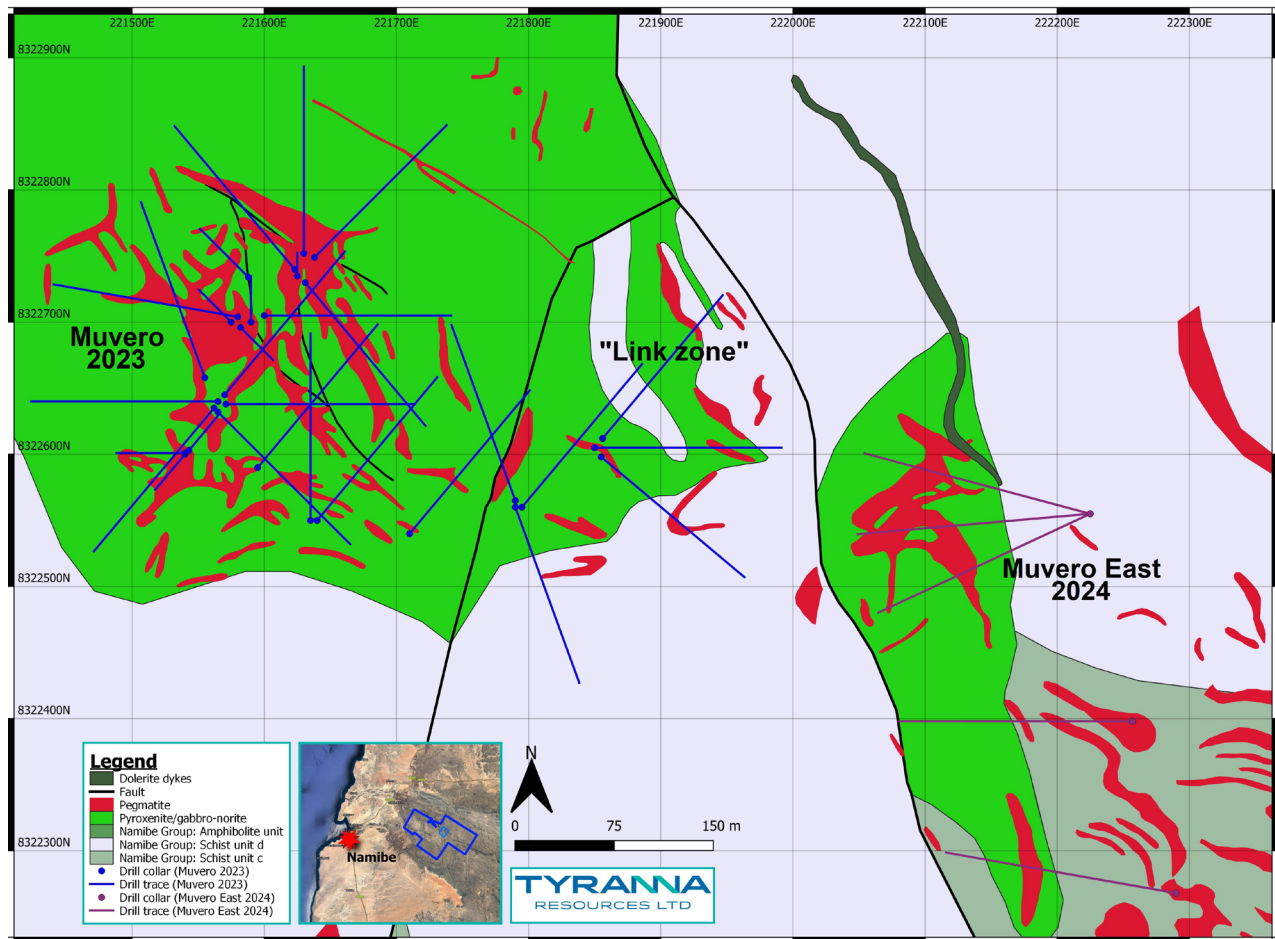
Tyranna Resources Ltd (ASX: TYX) is extremely pleased to announce that drilling plans to expand the Muvero Prospect have been finalised. The receipt of investment funding of A\$14.5m from Sinomine Resource Group Ltd has enabled a more comprehensive drilling program to be designed than would have otherwise been possible.

Tyranna Technical Director, Peter Spitalny, commented: *"The Muvero Prospect contains proven high-grade, high quality lithium mineralisation and the tantalising presence of pollucite, and we are looking forward to probing its depths with this 30-hole program. The drilling will provide good coverage laterally and at depth and is intended to support a Mineral Resource Estimate in 2024. Drilling coverage extends eastwards to include the "link zone" to Muvero East. Recent mapping has revealed this "link zone" is very prospective and additional mineralisation may be discovered, adding to Muvero. We will use an RC drill-rig for the upcoming campaign as this drilling method will enable more drilling to be completed in a shorter timeframe than diamond drilling.*

## Drill Plan Overview

Drilling is scheduled to commence in early October 2023 and will focus upon the Muvero Prospect, where a total of 30 drill-holes have been planned, each to a down-hole depth of 200m, for a total of 6,000m. The location of the planned drill-holes (with drill-traces projected to surface) is shown in Figure 1. This drilling will be completed by using the Reverse Circulation Percussion drilling method, i.e., RC drilling.

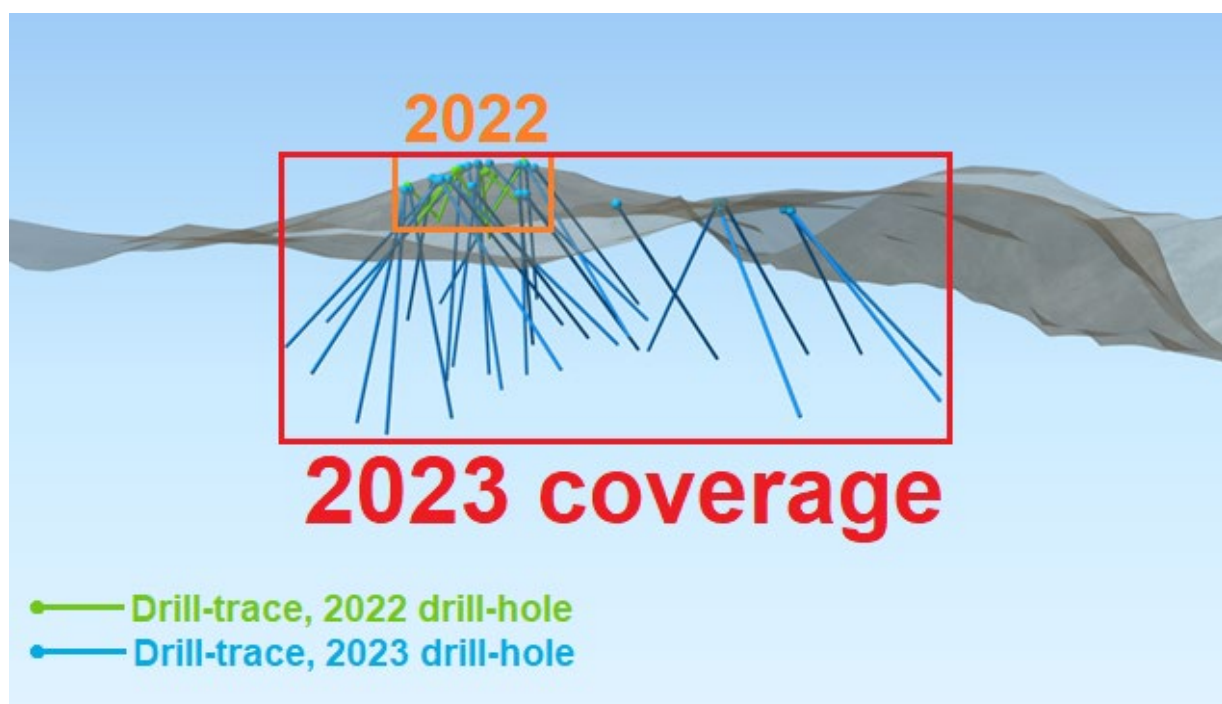
Drilling to test Muvero East will commence in early 2024 after drill-rig access has been finalised, along with other prospects for which drilling is planned.



**Figure 1: Planned drill-holes at Muvero and Muvero East**

The terrain requires cut-and-fill drill pads to be constructed and incorporation of radial drilling patterns into the drill-hole design to ensure adequate coverage of the prospect.

The planned drilling will achieve a far greater coverage, laterally and at depth, than the Maiden drilling campaign completed late last year was able to achieve (Figure 2). This will provide a thorough test of the prospect and is intended to enable a Mineral Resource Estimate for the Muvero Prospect to be completed early in 2024, depending upon the results and timing of assays.



**Figure 2: Schematic 3-D view of planned drilling.** This view is from the southwest looking towards the northeast.

**TYX**

## Access Improvement, Camp and Drill-site Preparation Update

Work has commenced to enhance the access into the project to permit easier transport and it is progressing well (Figure 3). Completion of track repairs, building a camp, creating improved access to Muvero, and excavating additional cut-and-fill drill pads will follow once access routes have been upgraded.



Figure 3: Work on access track improvements in-progress.

## Exploration Update

In the past few months while we have been focused on finalising the substantial investment and offtake agreements with Sinomine, we have completed extensive fieldwork including detailed mapping of the Muvero East Prospect and the “link zone” between Muvero and Muvero East. The resultant map (Figure 4) reveals the presence of several pegmatites in the “link zone” and their orientations share features in-common with both Muvero and Muvero East.

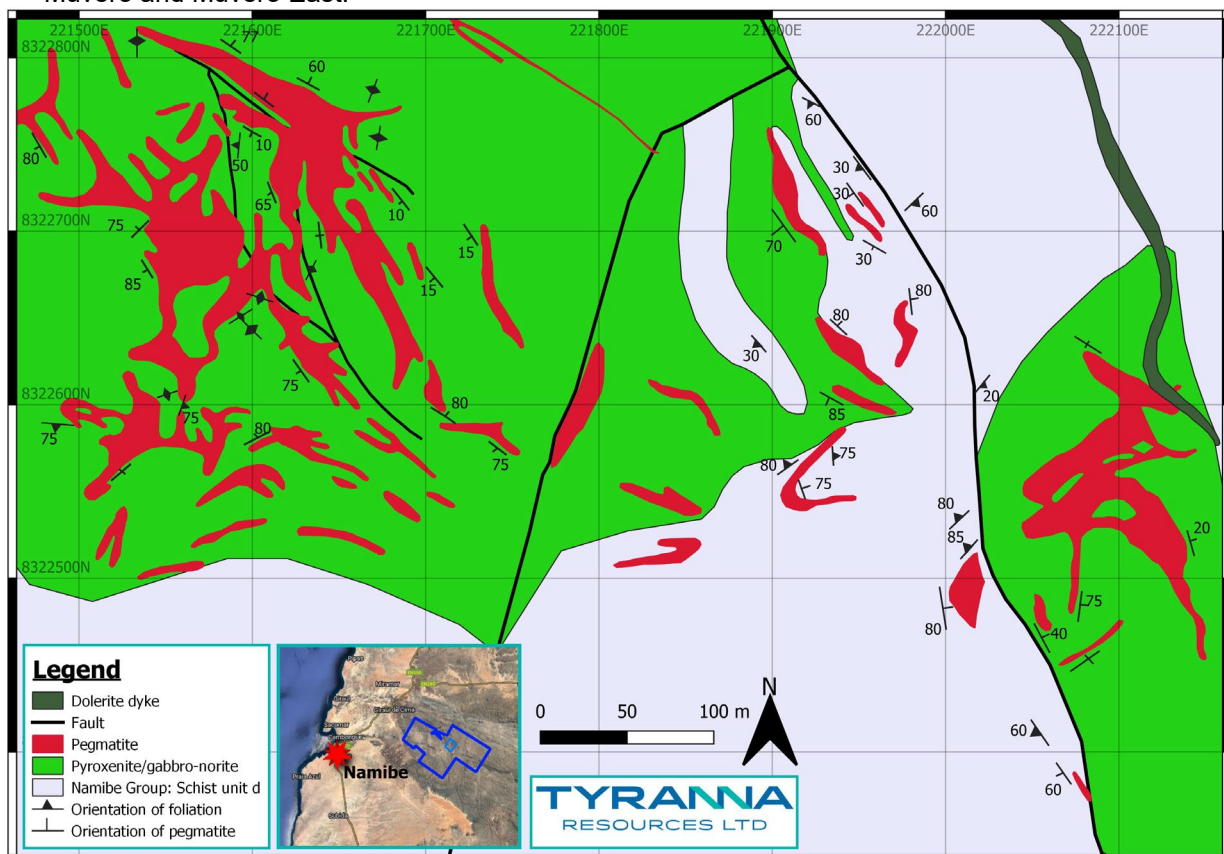


Figure 4: Geology of Muvero and Muvero East. Muvero Prospect constitutes the left half of the map, with the Muvero East Prospect being the region in the far right of the map. In-between these prospects, centred on 221900mE/83222600mE is the “link zone” connecting these prospects



Mapping this area led to the identification of rubble on the valley floor below the pegmatites of rock that is similar to pegmatite at both Muvero and Muvero East.

- ***This supports the theory that there may be lithium mineralisation extending from the northwest part of Muvero, through the “link zone” to the southeast part of Muvero East, a distance of 700m.***

Very important observations were recorded at key points of the main Muvero East Pegmatite and others nearby, including the varying orientation of the pegmatite, parts of which unambiguously dip towards the east, displayed upon the map (Figure 4) and in Figure 5, which displays an outcrop where the contact is exposed. This varying orientation of the pegmatite at Muvero East is similar to what is known about the different parts of the Muvero pegmatite.

Confirming the orientation of the Muvero East pegmatite is an important achievement because it suggests that drilling from positions on top of the valley wall, east of the pegmatite, with holes drilled towards the west, will have potential to intersect the pegmatite.



**Figure 5: East-dipping pegmatite at Muvero East.** Note the geology hammer wedged into the pegmatite-host rock contact. The hammer location is 222056mE/8322487mN and the dip of the pegmatite at that point is 40° ENE.

Drill-sites from which drilling could be achieved to test the Muvero East Prospect were investigated on-foot and drill-holes have been planned. Access tracks to these drill-sites will be commenced early in 2024, followed by RC drilling to test the prospect.

## Next Steps

While we continue to the prepare the project for the Q4 2023 drilling campaign, we will complete helicopter-assisted reconnaissance of the projects' remote pegmatites to build-upon the growing inventory of lithium pegmatites and to define additional drill-targets.

Work to repair existing tracks and creation of new tracks to provide access to other prospects, along with drill pads at those prospects, will commence immediately after the current work in preparation for the drilling at Muvero. This will allow drilling of other known prospects (Muvero East, and two others) to commence in Q1 2024, potentially leading into drilling of additional drill-targets.

**Authorised by the Board of Tyranna Resources Ltd**

**Joe Graziano**  
**Chairman**

## Competent Person's Statement

The information in this report that relates to exploration results for the Namibe Lithium Project is based on, and fairly represents, information and supporting geological information and documentation that has been compiled by Mr Peter Spitalny who is a Fellow of the AusIMM. Mr Spitalny is employed by Han-Ree Holdings Pty Ltd, through which he provides his services to Tyranna as an Executive Director; he is a shareholder of the company. Mr Spitalny has more than five years relevant experience in the exploration of pegmatites and qualifies as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr Spitalny consents to the inclusion of the information in this report in the form and context in which it appears.

## Forward Looking Statement

This announcement may contain some references to forecasts, estimates, assumptions, and other forward-looking statements. Although the company believes that its expectations, estimates and forecast outcomes are based on reasonable assumptions, it can give no assurance that they will be achieved. They may be affected by a variety of variables and changes in underlying assumptions that are subject to risk factors associated with the nature of the business, which could cause actual results to differ materially from those expressed herein. All references to dollars (\$) and cents in this presentation are to Australian currency, unless otherwise stated. Investors should make and rely upon their own enquires and assessments before deciding to acquire or deal in the Company's securities.