

28 April 2023

Quarterly Activities Report 31 March 2023

Key highlights

- Maiden drill program at Muvero Prospect intersected 2.02% lithium over 22.75 metres
 - High-grade lithium mineralisation discovery from very short maiden drill program
 - NDDH004; 22.75m @ 2.02% Li₂O from 20.25m
 - Includes 7m @ 3.06% Li₂O from 24m
 - Containing 1m @ 5.26% Li₂O from 29m
 - NDDH005; 7m @ 1.80% Li₂O and 3.90m @ 0.70% Li₂O
 - NDDH009; 14m @ 1.39% Li₂O
 - Spodumene dominates the lithium mineralisation
 - Potential credits; high grade Tantalum, Tin and Pollucite
- Outstanding Metallurgy results from Muvero Prospect
 - Exceptional concentrate quality produced at high recovery
 - Concentrate Grade of 6% Li₂O or more
 - Low Impurities, e.g., < 0.11% Fe₂O₃
 - 80%–82% Recovery
 - Spodumene concentrate can be produced from either 12mm or 8mm crush, much coarser than most deposits
 - XRD confirms spodumene dominates the lithium mineralisation
 - Results support potential of Muvero to be a source of high-grade Direct Shipping Ore (DSO)
- Initiated investigation of the untested potential of the Namibe Lithium Project

Tyranna Resources Ltd (Tyranna or the Company) provides shareholders its quarterly report for the three-month period ending 31 March 2023.

The March 2023 quarter was another strong and critical quarter for Tyranna Resource Limited (Tyranna or the Company) (ASX: TYX). Tyranna announced the results of its maiden drilling campaign at the Muvero Prospect Angola, Africa with intersections of high-grade lithium mineralization, followed by results of preliminary metallurgical testing of a bulk sample of lithium pegmatite from the Muvero Prospect and initiated investigation of the far corners of the Namibe Lithium Project area.

Summary of Drilling Results

Drill-holes NDDH004, NDDH005 and NDDH009 intersected different parts of the same zone of lithium mineralisation (Figures 1 and 2), with the following results:

NDDH004; from 20.25m to 43m, **22.75m @ 2.02% Li₂O**
including 24m to 31m, **7m @ 3.06% Li₂O**,
which contains **1m @ 5.26% Li₂O** from 29m

NDDH005; from 13.10m to 17.00m, **3.90m @ 0.70% Li₂O**
And from 26.00m to 32.00m, **7m @ 1.80% Li₂O**

NDDH009; from 10.00m to 24.00m, **14m @ 1.39% Li₂O**
including 14.30m to 19.00m, **4.70m @ 1.95% Li₂O**

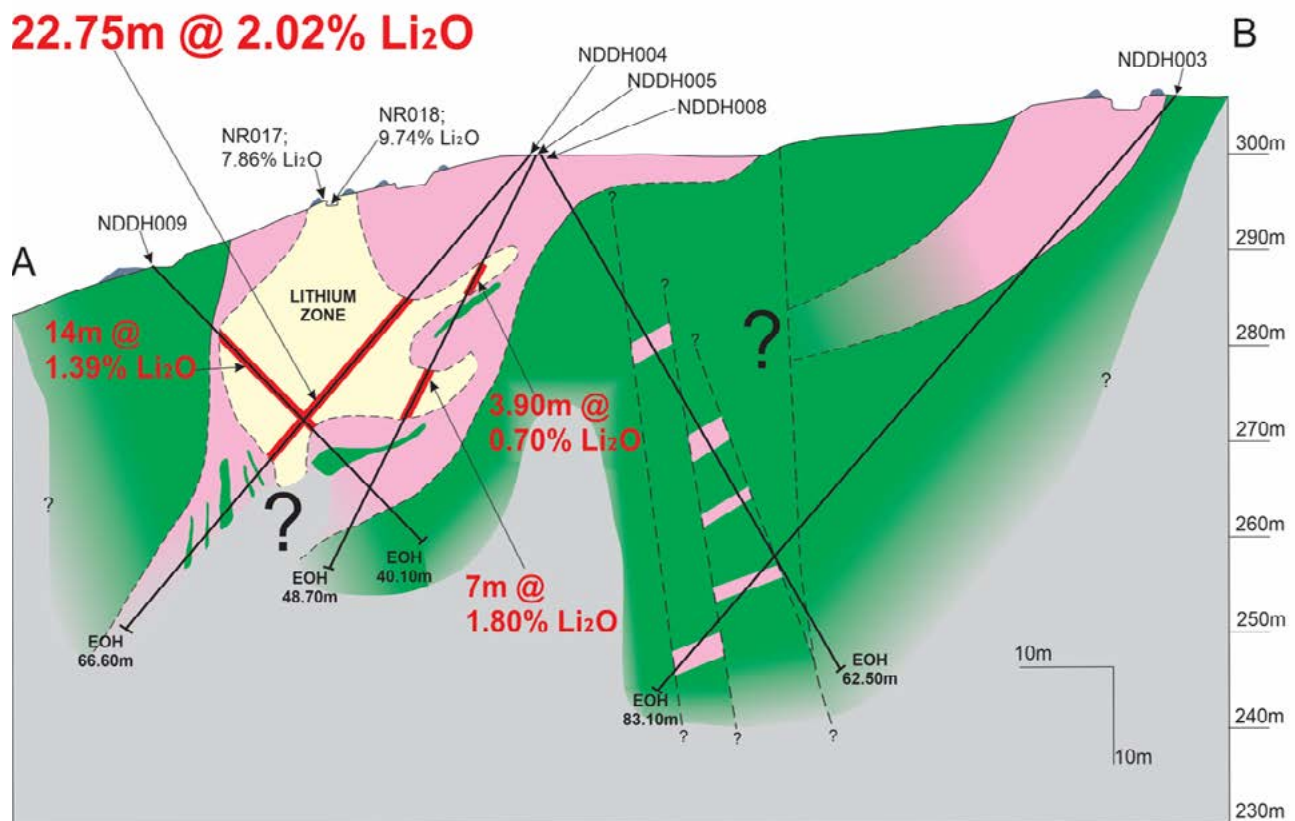


Figure 1: Cross-section AB, displaying intersected zone of high-grade lithium mineralisation.

Note: limited surface exposure of the high-grade lithium mineralisation, with rock-chip samples NR017 (spodumene) and NR018 (amblygonite-montebrazite) collected from small prospecting pits. Also, pegmatite = pink, host-rock = green and uncertain rock-types, i.e., areas not penetrated by drill-holes, = grey. Refer to Figure 2 for location of the cross-section.

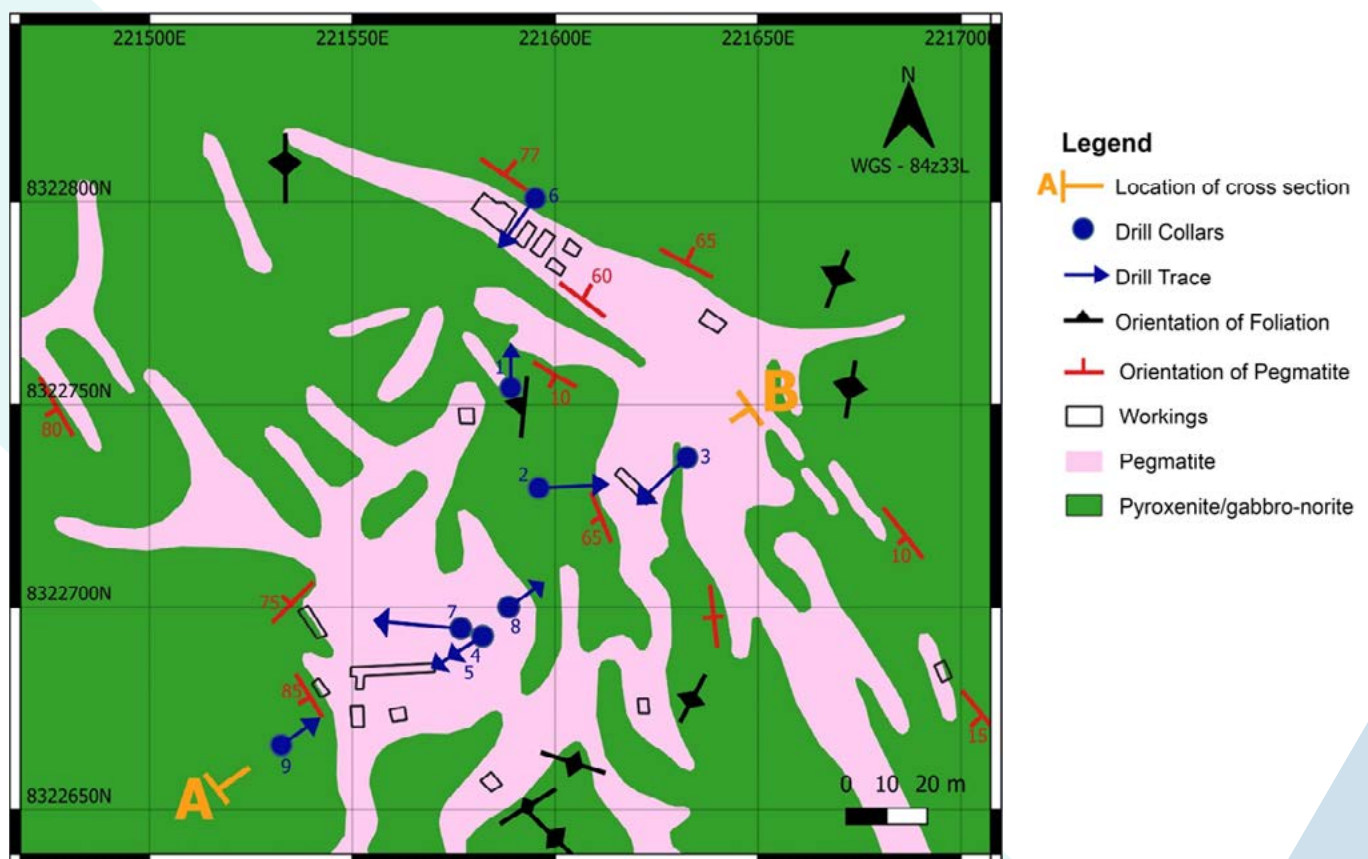


Figure 2: Muvero Drill Collar Plan, December 2022

In addition, some very high grades of Tantalum and Tin, commodities that commonly occur with lithium minerals in many pegmatites, were attained, e.g., 1m from 18m @ 2036ppm Ta (i.e., **1m @ 0.25% Ta₂O₅**) in NDDH009 and 1m from 17m @ 2146ppm Sn (i.e., **1m @ 0.27% SnO₂**) in NDDH004. These grades suggest that zones of economically significant Tantalum mineralisation and Tin mineralisation, may be present in the Muvero pegmatite.

The intersection by NDDH004 of an interval of high grades of Caesium by NDDH004 (40m – 41m, 1m @ 23,884ppm Cs, i.e., **1m @ 2.53% Cs₂O**) suggests that the drill-hole passed through part of a **pollucite** zone. This proves that pollucite is present in at least two parts of the Muvero pegmatite and may prove to be an economically significant component.

Drilling Results conclusions

The Muvero Prospect appears to be dominated by a single pegmatite that intruded a complex set of fractures and high-grade lithium mineralisation appears to be mainly located in thicker portions of the pegmatite, especially the bulging portions. Field observations establish that the pegmatite ascended into the fractures, i.e., the pegmatite source is below the pegmatites that outcrop. *It is likely that there are additional bulges, and there may be a large thick source-pegmatite, containing high-grade lithium mineralisation, from which the pegmatites exposed at surface emanate.*

There is significant untested potential at Muvero, and Tyranna intends to complete follow-up drilling at Muvero to test its potential more thoroughly by extending coverage and ensuring greater depth of penetration of the drill-holes.

Summary of Metallurgical Testing Results

A bulk sample of pegmatite ore was collected from rubble adjacent to the pit shown in Figure 3 and was exported to Perth, Western Australia.

Tyranna commissioned highly respected industry expert Mr Noel O'Brien, a metallurgist with extensive experience with lithium pegmatites, to design, monitor and guide the metallurgical testing procedure and interpret the test results.

The sample of pegmatite ore was submitted to Nagrom Laboratories in Perth, Western Australia, for initial metallurgical testing. The sample was crushed to 20mm, blended and sub-samples taken for head analysis and mineralogical determination by semi-quantitative XRD. A further two samples were crushed to 12.5mm and 8mm and wet screened at 0.85mm for gravity testing using heavy liquid separation (HLS) techniques.

The results of the XRD Mineralogy on the head sample confirmed the ore is an LCT-Complex spodumene pegmatite and that the dominant lithium mineral is spodumene, with minor amounts of lepidolite being present.

Wet screening revealed the sample has a high head grade, a low proportion of fines (<0.85mm) and that the iron content, at 0.11% Fe₂O₃, is low compared to most spodumene ores and will produce sought after low-iron concentrates.

When normalised to 6% concentrates, the HLS data shows around 80% of the contained lithia is recovered into 50–55% of the overall mass processed. This result compares very favourably to other spodumene operations where recoveries of around 55% to 65% are the norm.



Figure 3: The pit that the rubble collected as the bulk sample originated from. Tyranna director Paul Williams provides scale and is standing approximately at 221585mE/8322794mN (WGS-84 Zone 33s).

Metallurgical Testing Results Conclusions

These results confirm the potential for the Namibe Lithium Project to produce very high quality spodumene concentrate, potentially entirely through DMS processes, and utilising a very coarse crush. Assuming utilisation of a very coarse crush and DMS, processing costs will be less expensive than other operations where a fine crush and flotation separation is required.

Additional metallurgical sampling, to enable completion of additional supporting metallurgical test work, is warranted.

Investigating the untested potential of the Namibe Lithium Project

Tyranna Resources Ltd (ASX: TYX) is expanding its activities to investigate the far corners of the Namibe Lithium Project area. Investigating the broader reaches of the project is an important and essential step forward in developing the full potential of the project, through identification of additional drilling targets and ultimately discovery of all the lithium deposits within the project.

There are five regions as shown in Figure 4 that require immediate investigation. These regions are unexplored and contain a significant number of pegmatites where there is a very high potential to discover lithium mineralisation.

Within each of these five main areas, or immediately adjacent to the depicted circles indicating the approximate areas, there are numerous pegmatites that will be inspected, and sampled.

Target selection method

The Namibe Lithium Project covers an area of 207sq km in which there is a very large number of pegmatites, the vast majority of which have never been inspected or sampled by modern exploration techniques. The Company has narrowed down its search focus through spectral analysis to determine the most effective way to identify lithium bearing pegmatites.

Tyranna commissioned respected industry expert Dr. Neil Pendock, a respected expert in the field of remote sensing, to undertake a multi-spectrum remote spectroscopy study utilizing Visible, near-infrared and shortwave-infrared (VNIR and SWIR) spectroscopy over the licence area. Satellite imagery sourced from the Sentinel 2 and Aster satellites was analysed and the data were reprocessed, leading to the creation of a range of maps that reveal differences in rock-types within the project.

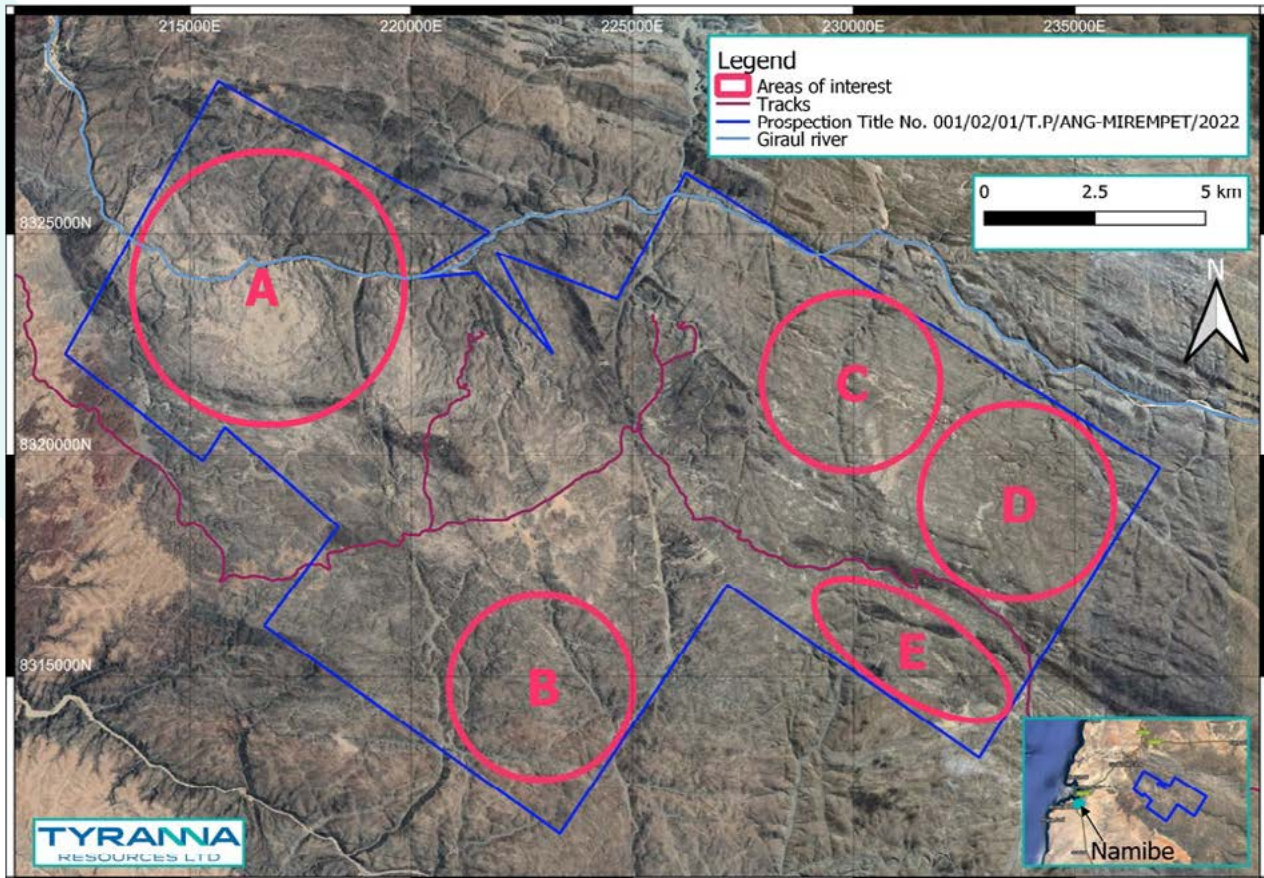


Figure 4: Schematic representation of the five main areas to be inspected

The map that depicts the known lithium pegmatites, and other pegmatites in general with the most accuracy and least “noise” is one displaying concentration of hydrogen emission. In particular, all those pegmatites in which lithium mineralisation is definitely present, proven by sampling, clearly “light-up” (emit an anomalously high amount of hydrogen) in contrast to pegmatites where sampling has confirmed that the pegmatite has little potential as a lithium source (Figure 5).

Although every pegmatite in which lithium minerals have been proven to be present “light-up,” it is possible that some targets may “look better than they are” while other more subtle targets may be “better than they look” and physical inspection and sampling, i.e., “ground-truthing” is required for each target.

A helicopter will be used to enable rapid inspection of a large number of targets in a five-day period. The helicopter will allow access directly to the pegmatite to be inspected, and after inspection and sampling, fly directly to the next target, achieving in one day what would take at least a week if the inspection and sampling was completed on-foot.

Other field activities

Along with investigation of remote targets, access and drill-site inspections will be completed by drilling contractor personnel and civil engineering personnel so that all access and drill-site requirements can be verified.

Other projects

Weebo Gold Project (WA)

The Company sees potential in further exploration at the Weebo Gold Project. From the limited work undertaken at this point there are some immediate areas that require further investigation and the Company may look at detailed geophysics to identify potential drilling targets in the northern portion of the project area. There is a general lack of drilling on the prospects and the Company will focus on developing a systematic strategy to further investigate the potential as soon as possible. Fieldwork completed early in 2021 included a ground magnetic survey. Zones of magnetic anomalism have been interpreted as late magnetic intrusions and their location controlled by pre-existing structures, possibly having potential as hosts of gold mineralisation.

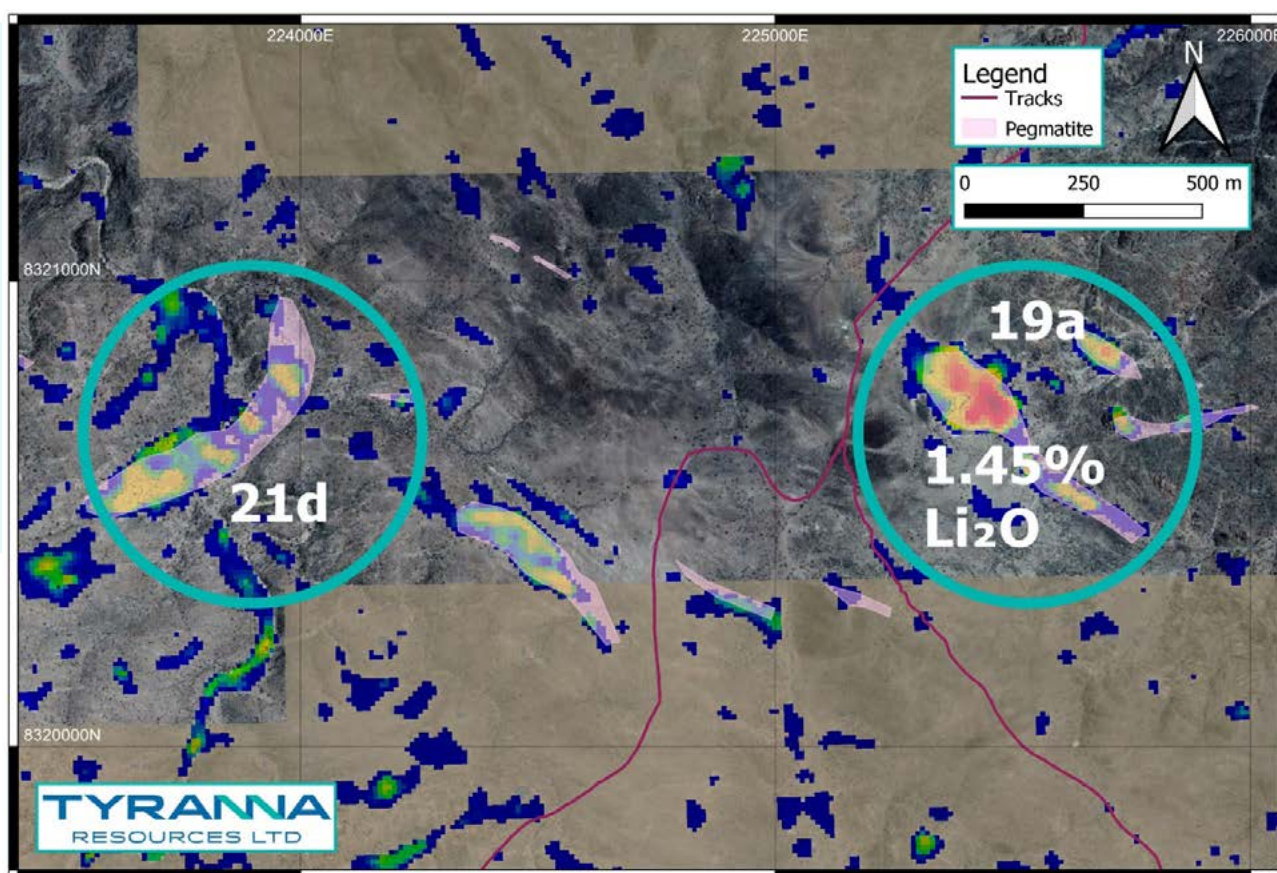


Figure 5: Example of image created from spectral data processing.

Note: the strong anomalism, indicated by “hot” colours of the 19a pegmatite, where Li minerals are visible and strong Li anomalism is confirmed by assay, in contrast to the “cool” colours of the 21d pegmatite, where no Li minerals are present, and assays reveal only weak Li anomalism.

WA Nickel Projects

The Company has continued to review the prospectivity of this project. The Company is focused on developing an effective strategy to explore the projects with a dedicated team in place to drive performance and cost effectively run the exploration program.

Pacific Express Ni Project

Tyranna did not undertake any work program on this project during the quarter. The project, located in northern NSW comprises a single licence (EL8733) for ~108 km. The area is prospective for lateritic Ni-Co mineralisation. Historical exploration has defined several target areas which require further investigation.

Corporate

Financial snapshot

The Company's net cashflow used in operations for the quarter was \$1,005k. The operational expenses mainly comprised of Exploration and Evaluation expenditure (\$637k) and Administration and corporate costs (\$372k).

The Company's cash position at the end of the quarter is \$910k.

Listing Rule 5.4.5

In item 6 of the attached Appendix 5B, payments to related parties of approximately \$225k comprising of director remuneration (\$200k), bookkeeping (\$3k), exploration services (\$7k), serviced office (\$5k) and reimbursements of (\$9k) were paid during the quarter.

Authorised by the Board of Tyranna Resources Ltd
Joe Graziano Director

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.

The information in this report that relates to the metallurgical results discussed in this announcement is based on, and fairly represents, information and supporting metallurgical information and documentation that has been compiled by Mr Noel O'Brien who is a Fellow of the AusIMM. Mr O'Brien is employed by Trinol Pty Ltd, through which he has provided his services to Tyranna as an independent industry expert. Mr O'Brien has more than five years relevant experience in the metallurgical testwork required to evaluate or establish production from lithium 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 O'Brien consents to the inclusion of the information in this report in the form and context in which it appears.

Compliance Statement

With reference to previously reported results, included in this report and in the ASX announcements dated: 22 February 2023, 2 March 2023 and 8 March, the company confirms that it is not aware of any new information or data which materially affects the information included in the original announcement to the market. The company confirms that the form and context of the Competent Person's findings have not been modified from original announcements.

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.

Appendix 1: Mining Tenements as at 31 March 2023

Western Australia Tenement Schedule				
Exploration License No	Tenement name	Registered holder	Interest at beginning of Qtr	Interest at end of Qtr
E37/1353	Weebo	Tyranna Resources Ltd	100%	100%
E37/1342	Weebo	Tyranna Resources Ltd	100%	100%
E37/1366	Knight	Clean Power Resources Pty Ltd	100%	100%
E29/1034	Dragon	Clean Power Resources Pty Ltd	100%	100%

New South Wales Tenement Schedule				
Exploration License No	Tenement name	Registered holder	Interest at beginning of Qtr	Interest at End of Qtr
EL8733	Pacific Express	Clean Power Resources Pty Ltd	100%	100%

Angolan Tenement Schedule				
Exploration License No	Tenement name	Registered holder	Beneficial interest at beginning of Qtr	Beneficial interest at end of Qtr
001/02/01/T.P/ANG-MIREMPET/2022	Namibe	VIG World Lda	0%	80%

Please don't hesitate to get in touch

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TYX

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

TYRANNA RESOURCES LIMITED

ABN

79 124 990 405

Quarter ended ("current quarter")

31 March 2023

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (9 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers		
1.2	Payments for		
	(a) exploration & evaluation	(637)	(1,622)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	-	-
	(e) administration and corporate costs	(372)	(1,105)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	4	12
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other (provide details if material)	-	11
1.9	Net cash from / (used in) operating activities	(1,005)	(2,704)

2.	Cash flows from investing activities		
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) exploration & evaluation	-	-
	(e) investments	-	-
	(f) other non-current assets	-	-

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (9 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	-	-

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	-
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	-	556
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	-
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	Net cash from / (used in) financing activities	-	556

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	1,917	3,033
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(1,005)	(2,704)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	-
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	556

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (9 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	2	25
4.6	Cash and cash equivalents at end of period	910	910

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	910	1,917
5.2	Call deposits		
5.3	Bank overdrafts		
5.4	Other (provide details)		
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	910	1,917

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	225
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-
<i>Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.</i> Executive Director Remuneration - \$160,000 Non-Executive Director Remuneration - \$40,000 Non-Director Services: • Bookkeeping - \$3,000 • Serviced Office - \$5,000 • Exploration consultancy - \$8,000 • Reimbursements - \$9,000		

7. Financing facilities <i>Note: the term "facility" includes all forms of financing arrangements available to the entity.</i> <i>Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1 Loan facilities	-	-
7.2 Credit standby arrangements	-	-
7.3 Other (please specify)	-	-
7.4 Total financing facilities	-	-
7.5 Unused financing facilities available at quarter end		
7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (item 1.9)	(1,005)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	-
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(1,005)
8.4 Cash and cash equivalents at quarter end (item 4.6)	910
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	910
8.7 Estimated quarters of funding available (item 8.6 divided by item 8.3)	1
<i>Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.</i>	
8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
8.8.1 Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
Yes	
8.8.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
The Company has approximately 578,000,000 options exercisable at \$0.01 on or before 30 June 2025, these options have the potential to raise \$5.78M capital, furthermore the Company holds approximately 4.8M Marmota Limited (ASX:MEU) shares that could generate funds in excess of \$170,000. Furthermore, on 26 April 2023, the Company went into a trading halt pending material funding transaction.	
8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?	
Yes, refer to 8.8.2.	
<i>Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.</i>	

Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date:28 April 2023.....

Authorised by:By the Board.....
(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.