

30 APRIL 2024

MARCH 2024 QUARTERLY ACTIVITIES REPORT

Highlights

- Acquisition of Mpanda and Mbozi copper-gold projects in Western Tanzania
- High grade initial assays and findings from Mpanda and Mbozi
- Exploration yielded 9 anomalous copper zones each with over 2,000m strike length at Mpanda
- Significant Copper-Nickel assays from maiden drilling at Liparamba
- Encouraging findings at Mbinga, with soil samples sent for analysis
- Exploration Permit received for Köyhäjoki in the Kola lithium project, Finland, with drilling planned soon

Resource Mining Corporation Limited (ASX: RMI) (**RMC** or the **Company**) is a Perth-based specialist mineral exploration company aiming to create wealth from mineral commodities using innovative technical, marketing and financial skills as it explores for economic metal deposits in Tanzania and Finland. The Company provides its cash flow and activities summary for the quarter ended 31 March 2024.

Mpanda and Mbozi Copper-Gold projects, Western Tanzania: New projects quickly generating high-grade copper-gold results

A significant result for the Company this quarter was the acquisition of the **Mpanda** and **Mbozi** Cu-Au Projects, by acquiring 75% of the issued shares of Tanzanian company, Vancouver Mineral Resources Limited¹.

The Mpanda and Mbozi Cu-Au Projects are located within some of the most prospective ground in the Ubendian Orogenic Belt, a significant multi-element resource area in Western Tanzania.

Mining of copper in the Mpanda Mineral Field has been active since the 1930's and continues today with the development of the very high grade Katavi Mine, along strike to the Mpanda Cu-Au Project's tenements.

¹ Refer to ASX announcement dated 5 February 2024 "Two Copper-Gold Projects acquired in Tanzania"

The Mbozi Cu-Au Project was initially explored by BHP², with the location of a high-grade copper project (Luez Hill³) also up strike from the tenements. Preliminary soil surveys and field mapping in both Projects has already located major copper anomalies within geological units that could support significant mineralisation.

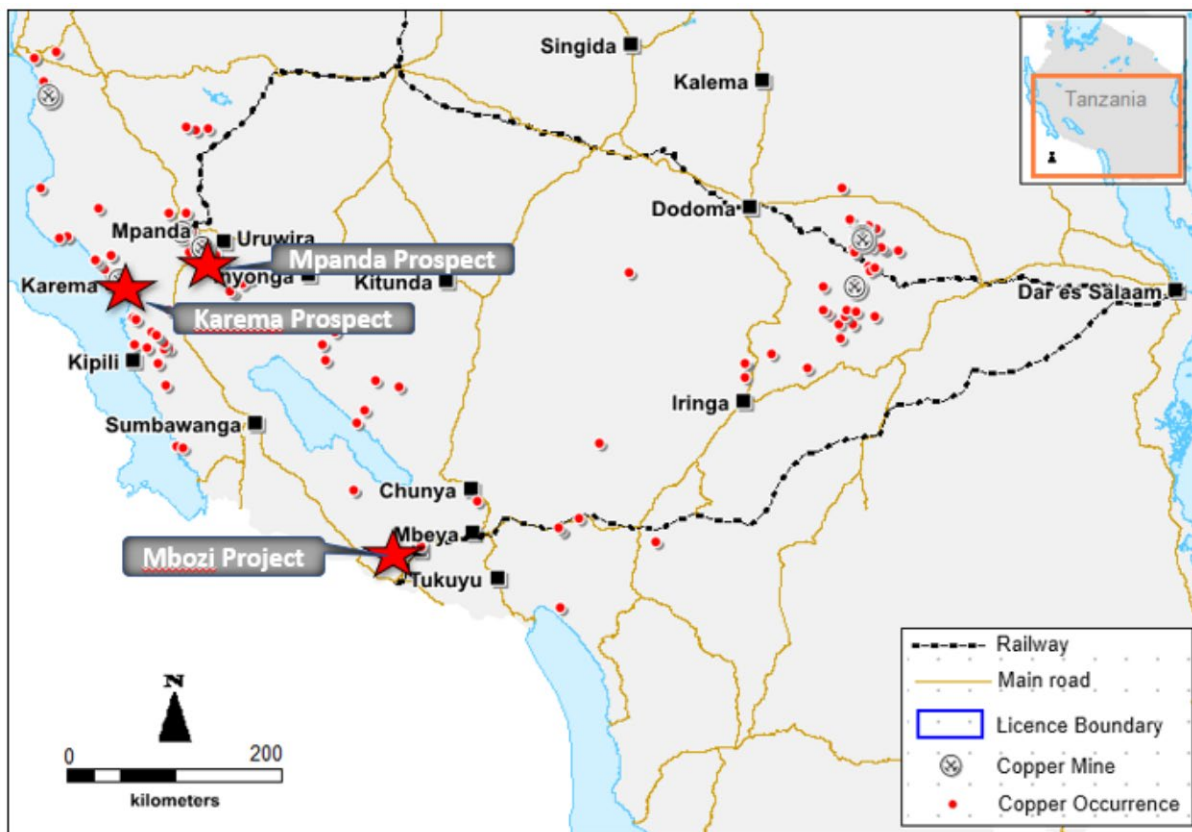


Figure 1: Location of the Mpanda and Mbozi Cu-Au Projects, Tanzania

Later in the quarter, the Company was pleased to receive a series of assays from two of the Mpanda Prospect anomalies (Stalike and Mpanda Ndogo). These initial results have confirmed the copper soil and auger anomalies as defined by handheld XRF, and further assaying for gold has indicated significant gold anomalies and mineralisation⁴.

A shallow pit within the **Stalike** anomaly was tested through grab samples with results indicating very high-grade Cu values (4.12% - 13.58% Cu), as well as Au mineralisation (1.41g/t - 3.24g/t Au). Further analyses of numerous other anomalies are ongoing, with many along strike from known Cu-Au occurrences and mine sites.

² BHP World Exploration Inc., Progress report for Mbozi Reconnaissance License No. RL 84/96, dated 18 June 1998

³ <https://www.globenewswire.com/en/news-release/2012/07/26/1364020/0/en/Cadman-Announces-LOI-for-Tanzania-Mobzi-Copper-Project.html>

⁴ Refer to ASX announcement dated 12 and 13 March 2024 "Significant Copper-Gold Discoveries at Mpanda, Tanzania"

Use of the pXRF⁵ testing of the soil and auger samples has generated **9 targets each over 2,000m** in strike length (see Figures 2 and 3) – these targets are preliminary and all require accurate assays from a registered laboratory to confirm their scope and consistency. At Stalike and Mpanda Ndogo soil samples from the initial test work were forwarded to SGS, Mwanza and the assay results are discussed within this report, as providing support of the anomalies as determined by the pXRF being used in these areas.

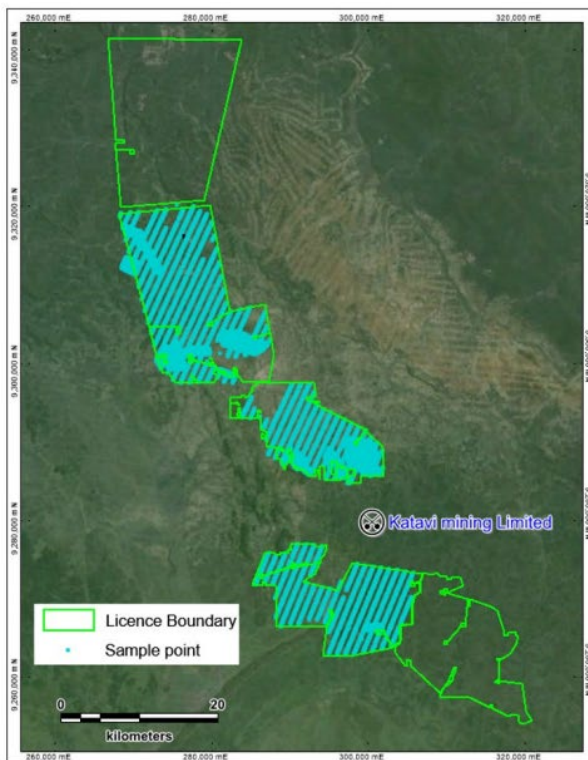


Figure 2: Soil samples collected

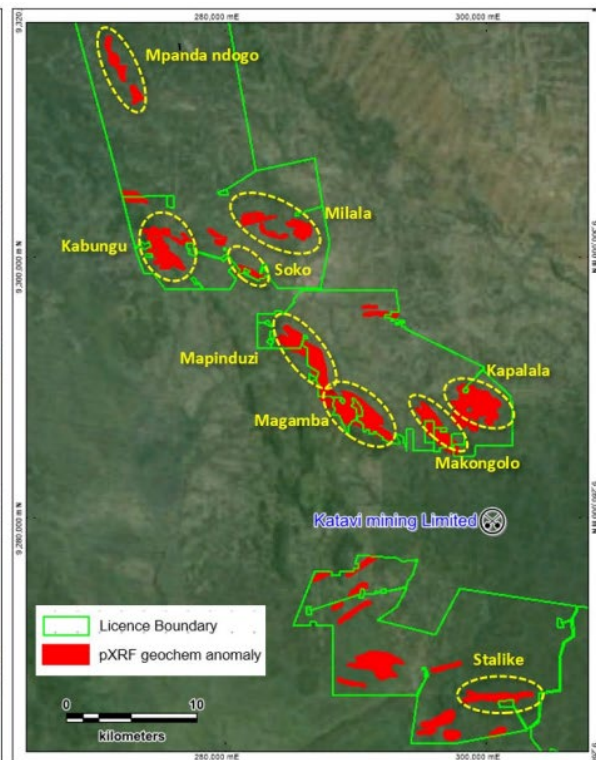


Figure 3: Generated soil anomalies⁶

Mpanda: Stalike target

The Stalike Cu-Au target is a 5km x 600m anomaly located along an E-W cross-cutting fault to the regional NW-SE trend, and it has minor artisanal mining present within the soil anomaly outline. The new analyses are presented in Figures 4 and 5, which overlay the initial soil anomaly as determined by pXRF analyses.

The grab samples (MN00005-7) are from an artisanal pit, located on gentle sloping hills, with the Cu present as secondary mineralisation having visible

⁵ It should be noted that pXRF readings are spot readings and are only a guide to actual assay results and should not be considered as a proxy or substitute for laboratory analysis where concentrations or grades are the factor of principal economic interest.

⁶ These targets are preliminary and require accurate assays from a registered laboratory to confirm scope and consistency.

malachite/azurite. The location is hosted in metamorphic rocks dominated by feldspathic materials with quartz stringers. The mineralised reef has a mapped width of 70m. The results are as per the table below:

Sample_ID	Eastings	Northings	Cu_%	Au_g/t	Ag_g/t	S_%
MN00005	301304	9266291	10.78	1.41	19.1	1.71
MN00006	301311	9266295	13.58	3.24	34.5	2.96
MN00007	301300	9266294	4.12	0.02	8.8	<0.01

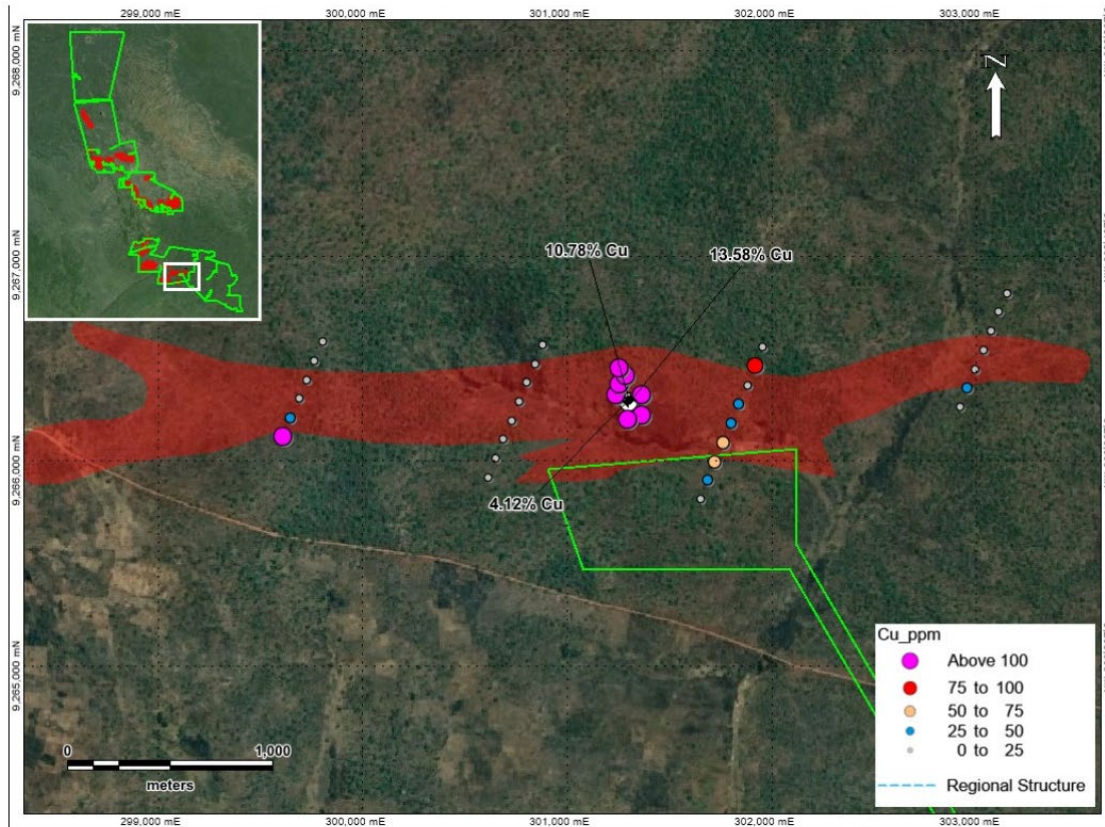


Figure 4: **Stalike Copper** anomaly outline and soil and grab sample assays

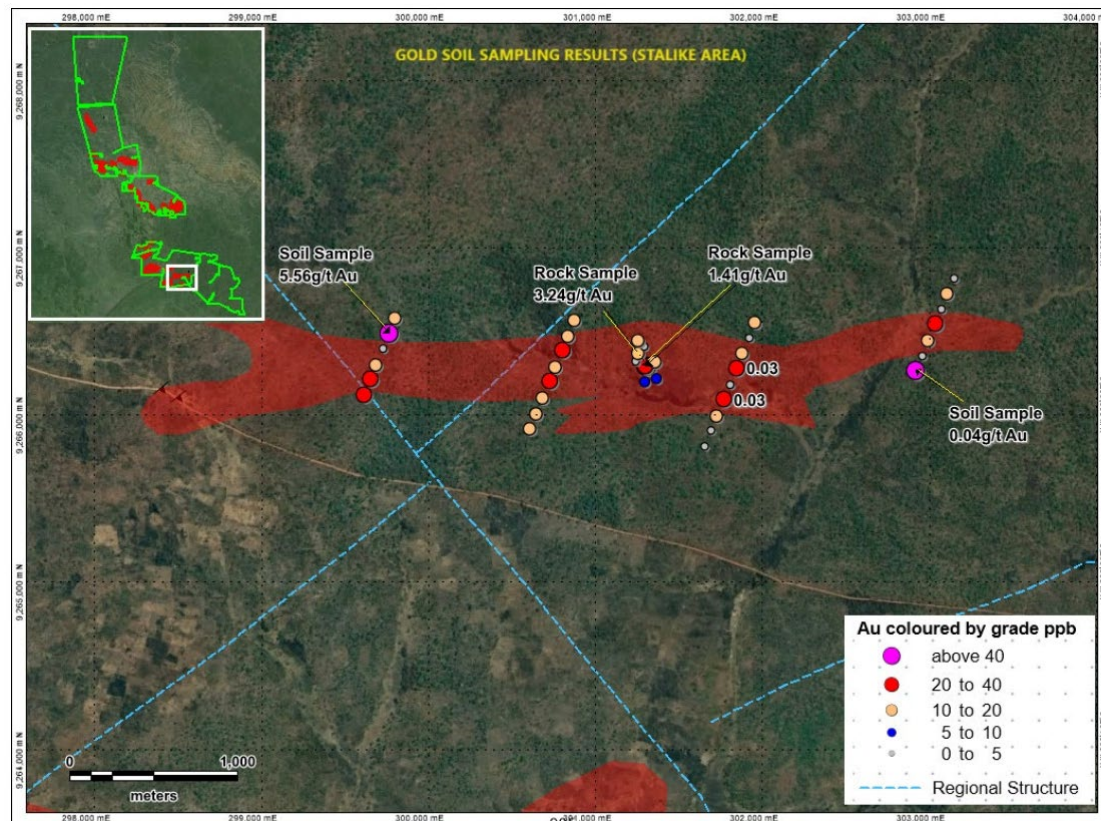


Figure 5: **Stalike Gold** anomaly outline and soil and grab sample assays

Mpanda: Mpanda Ndogo target

The Mpanda Ndogo anomaly is located north of Mpanda town site within a shear zone correlating to known Cu occurrences. Laboratory assays have confirmed the high-grade nature of the Cu anomaly and the coincidental nature of the Au assays within the defined anomaly outline.

This region provides considerably more scope and opportunity for the Mpanda Prospect as the strike of the newly defined Cu-Au anomaly is ~5km in length with widths >250m (Figure 6).

Assays from anomalies around Mpanda proper as well as other targets within the Stalike area are still being processed and results will be reported as they become available⁷.

⁷ Refer to ASX announcement dated 12 and 13 March 2024 "Significant Copper-Gold Discoveries at Mpanda, Tanzania"

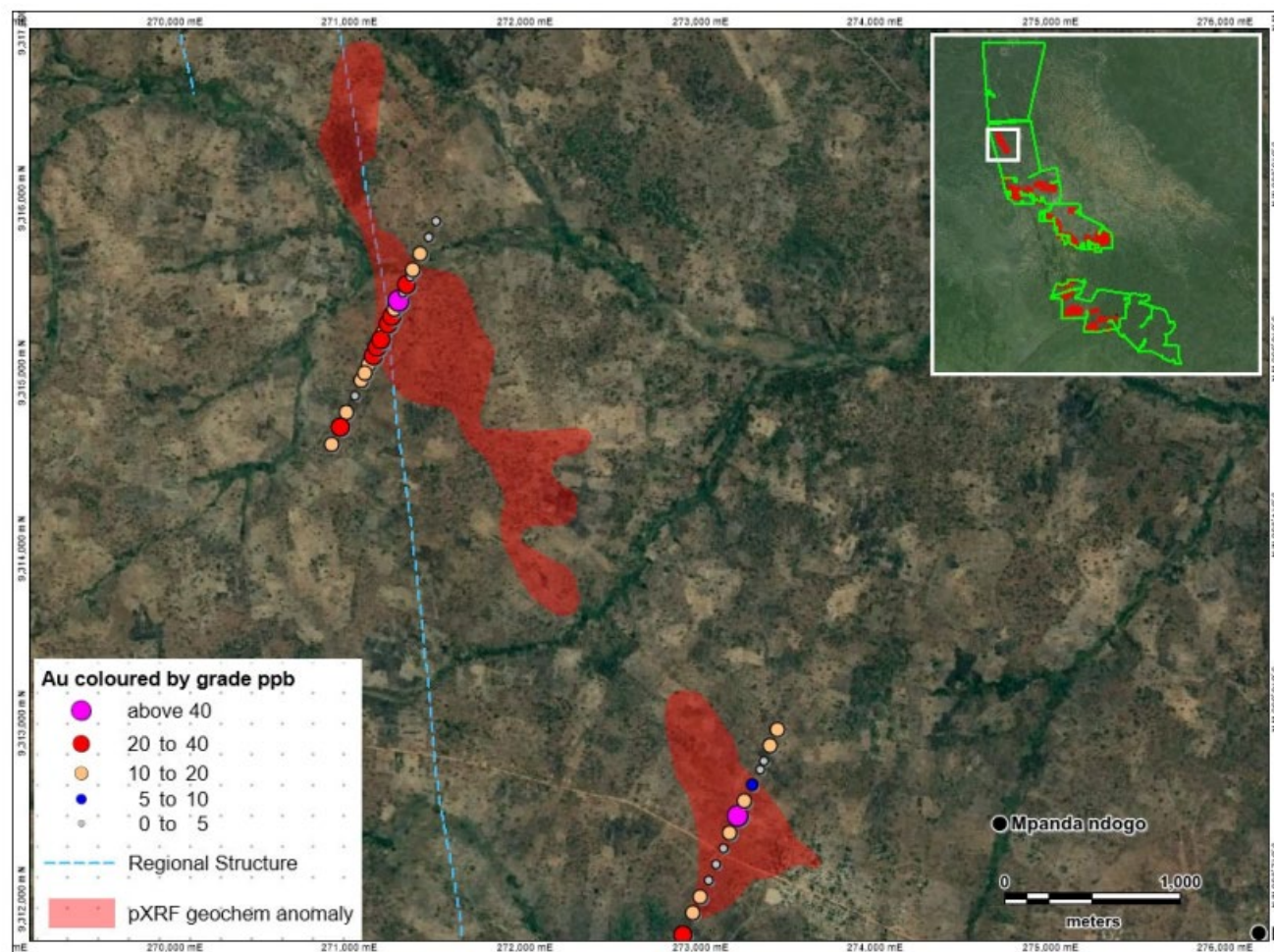


Figure 6: **Mpanda Ndogo Gold** anomaly outline and soil sample assays

Liparamba Nickel Project, southern Tanzania: Nickel-Copper confirmed in assays

During the quarter, assay results from the maiden Diamond Drill program at Liparamba Nickel Project (one of the 'Southern Projects') demonstrated the presence of nickel-copper mineralisation⁸.

The Diamond Drill program at Liparamba consisted of 9 drill holes (Figure 7) and was the first to test the project area for potential mineralisation and provide RMC a platform for further exploration works. The program was targeting coincidental airborne electromagnetic, audio-frequency magnetotellurics (AMT), and geochemically defined targets.

⁸ Refer to ASX announcement dated 17 January 2024 "Newly discovered Ni-Cu Sulphide Mineralisation in Tanzania"

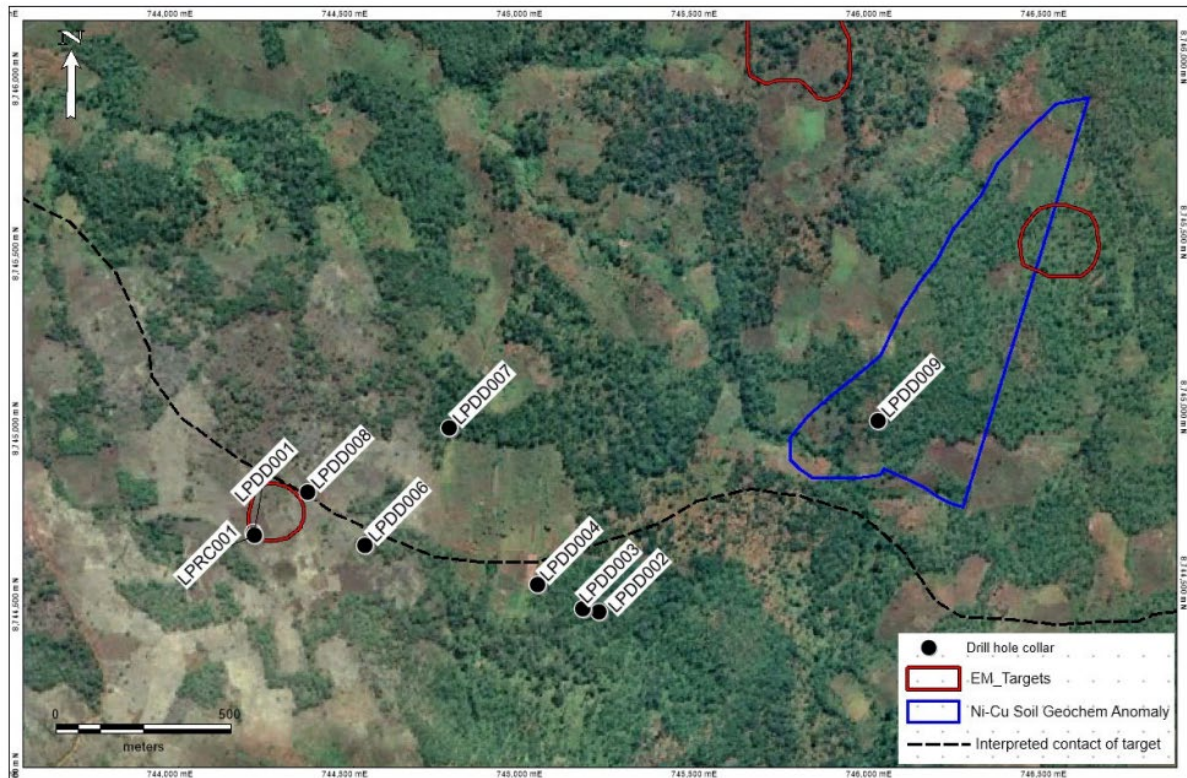


Figure 7: Location Map of Diamond Drill holes, Liparamba Ni Project

Anomalous Ni-Cu values were detected within a number of the drill holes from the diamond drill program at Liparamba, with Ni-Cu sulphide mineralisation occurring at 133-135m within LPDD009 (0.35-0.40% Ni and 0.20-0.23% Cu), see Fig 8. This is the first confirmation of Ni-Cu mineralisation within this exciting, large, under-explored region, with defined targets still to be tested at depth.

	From	To	Ni_%	Cu_%	S_%
LPDD009	133	134	0.35	0.20	1.04
LPDD009	134	135	0.40	0.23	1.48



Figure 8: Assay results and drill core image from LPDD009

The discovery of Ni-Cu sulphide mineralisation within the first drill program ever completed within the Liparamba Ni project is a positive outcome and provides a very exciting opportunity and platform for further exploration by RMC.

Mbinga Nickel Project, Southern Tanzania

During the quarter, the Mbinga Nickel Project (another of the 'Southern Projects') had a series of soil surveys completed over three regions delineated by the airborne electromagnetic (AEM) survey completed by BHP/Albidon (Figure 9).

A hand-held XRF was used to initially define the areas with the most potential, with a large series of anomalous soil results located within the Eastern Anomaly, located above an earlier soil survey anomaly of BHP/Albidon and a series of AEM targets.

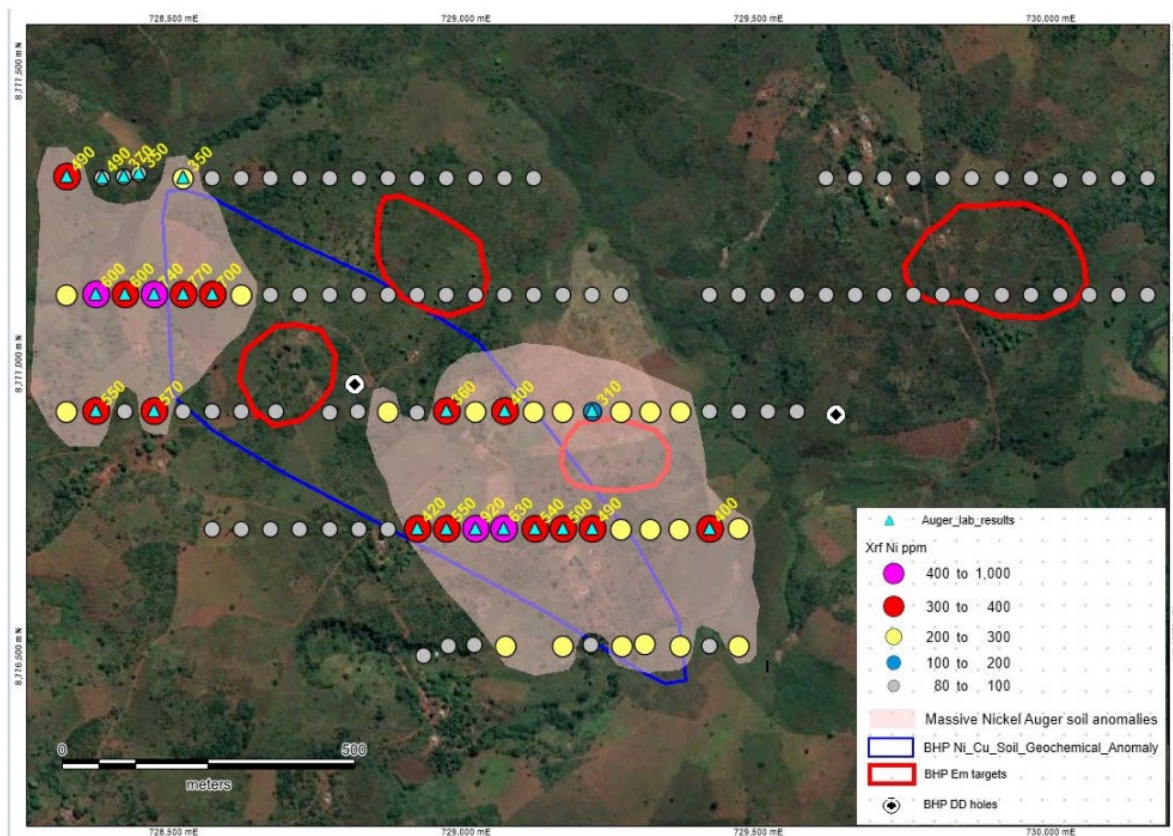


Figure 9: Soil survey results – Mbinga Eastern Anomaly

Selected samples from the Eastern anomaly were forwarded for assaying by ALS Limited (Johannesburg), with the assays confirming the size and scale of the soil anomaly. Further work was completed through auger sampling over the geochemically anomalous zone in the Eastern Anomaly with samples collected to a depth of 3-4 metres, those samples are awaiting analysis.

The soil survey geochemical anomaly is coincidental in nature with the previous AEM and soil survey of BHP/Albidon, and the strike of the anomalous samples similar to a defined Maxwell plate from the AEM data. Reviews will be undertaken to determine the further exploration programs to be undertaken within the current project areas, and the greater opportunity within the region.

Kola lithium project, Finland: Exploration permit received for Köyhäjoki

RMC's wholly owned Finnish subsidiary has been granted the highly prospective Köyhäjoki exploration permit (the "Köyhäjoki Permit") valid for 4 years and renewable to a maximum of 15 years, without receiving any objections during objection periods from Tukes, the Finnish Safety and Chemicals Agency⁹.

⁹ Refer to ASX announcement dated 29 January 2024 "Exploration Permit granted for Kola Lithium Project, Finland"

The “Köyhäjoki Permit” area covers 2,128.8 hectares and is located in the central part of the former Kola reservation area (Figure 10). The Kola reservation area was explored by the Company during the 2022 and 2023 field seasons. The area of the Kola project in which most of the high-grade Li-pegmatite boulder trains have been identified was then converted into the Köyhäjoki Exploration Permit. This area is also along trend from Keliber’s key deposits.

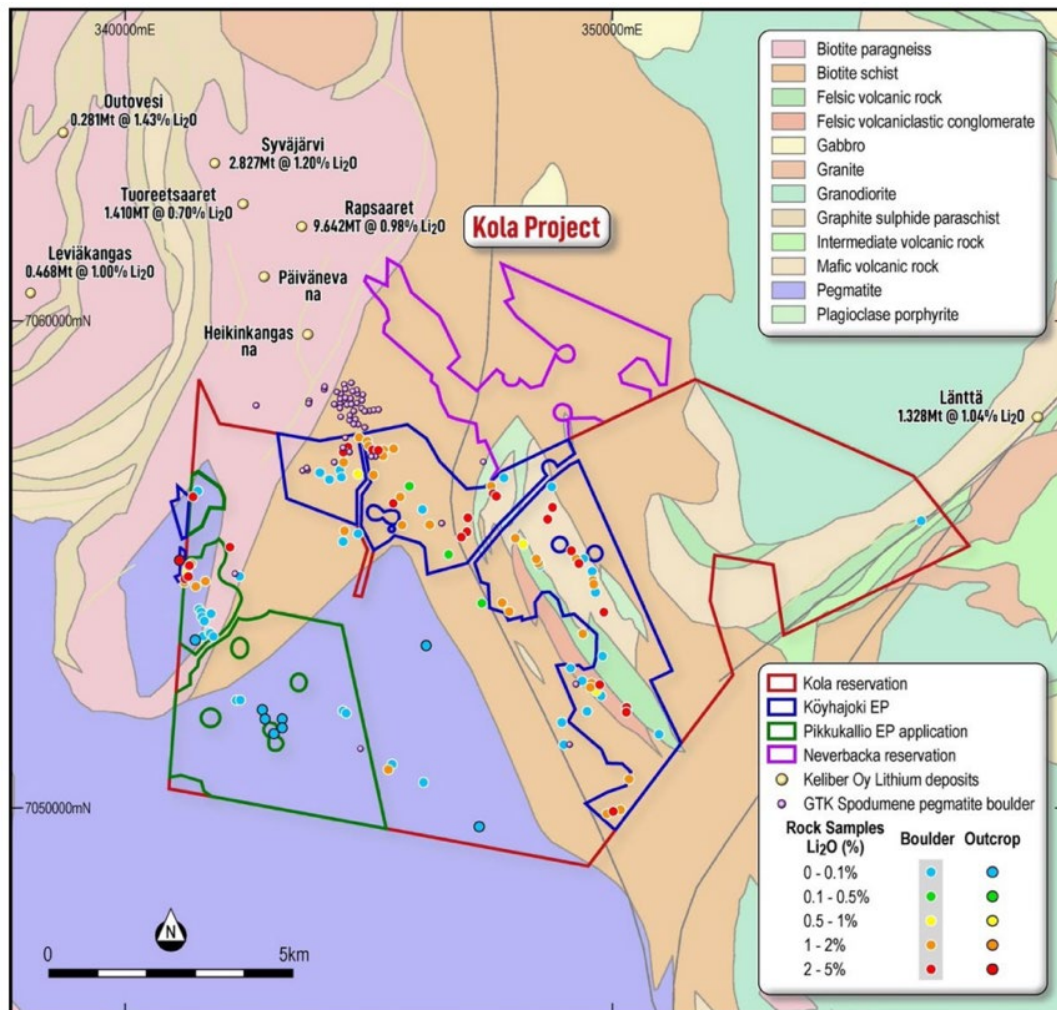


Figure 10: Kola project, Finland

With the previous field work and assay data, boulder fan models were completed by RMC geological consultants, Skapto. According to the current interpretation, there can be between 12 and 17 boulder fans in or next to the Kola reservation.

Boulders in this region are moved generally by glacial transportation processes, with research by Finnish Geological Services (“GTK”) indicating that this movement has a maximum of 1.5km to 2km in SSE direction from the pegmatitic source. This means that the source(s) of the spodumene containing boulders are likely located in the Köyhäjoki Permit.

GeoBlast OY of Finland completed a GPR-survey over the pegmatite boulder fields in the Köyhäjoki permit. The GPR survey shows a shallow depth to bedrock below the boulder fields between 8m and 11m. The results of the GPR survey, combined with the results of field work completed by the Company in 2022 and 2023, are used to plan a systematic and extensive bottom of till / top of bedrock drill program, targeting the source rocks of the high-grade Li-pegmatite boulder trains. A maiden drilling program is being planned for the Köyhäjoki EP.

An application to convert a second highly prospective part of the Kola reservation into the Pikkukallio Exploration Permit was submitted to Tukes. The Company expects to receive the Pikkukallio EP by May 2024.

Corporate

During the quarter, RMC issued 30 million fully paid ordinary shares at \$0.10 per share as part consideration for the acquisition of Element92 Pte Ltd¹⁰ ("Tranche 1 Shares"). The Tranche 1 Shares were issued on conversion of the first Exploration Reservation to an Exploration Licence¹¹ per the Share Swap Agreement signed on 10 January 2023 with Ropa Investments (Gibraltar) Limited.

Subsequent to quarter end, the Company completed a successful \$1 million Placement to existing shareholders and new sophisticated investors at \$0.02 per share, to progress exploration activities of its Tanzanian Copper-Gold Projects and Finnish Lithium Project.¹²

Additional ASX Information

- At the end of the quarter, the Company held approximately \$195,000 in cash reserves.
- Exploration and evaluation expenditure during the quarter was \$276,000. Full details of exploration activity during the quarter are included in this quarterly activities report.
- There were no mining production and development activities during the quarter.
- \$105,000 in payments were made to related parties of the Company and their associates during the quarter, for Director and consultancy fees.

¹⁰ Refer to ASX announcement dated 9 November 2022 "Acquisition of Lithium and Nickel Tenements in Finland"

¹¹ Refer to ASX announcement dated 29 January 2024 "Exploration Permit granted for Kola Lithium Project, Finland"

¹² Refer to ASX announcement dated 17 April 2024 "Placement to progress Tanzanian Cu-Au & Finnish Li Projects"

Schedule of Tenements as at 31 March 2024

Company	Project	Location	Tenement No.	RMC Interest
Eastern Nickel Tanzania Limited	Kabulwanyele	Tanzania	PL/11534/2021	74.25%
Eastern Nickel Tanzania Limited	Kabulwanyele	Tanzania	PL/11535/2021	74.25%
Eastern Nickel Tanzania Limited	Kabulwanyele	Tanzania	PL/17691/2021*	74.25%*
Massive Nickel Tanzania Limited	Liparamba	Tanzania	PL 11725/2021 (previously PL/16943/2021)	99%
Massive Nickel Tanzania Limited	Mbinga	Tanzania	PL 11726/2021	99%
Massive Nickel Tanzania Limited	Kapalagulu	Tanzania	PL 11724/2021	99%
Massive Nickel Tanzania Limited	Mbinga	Tanzania	PL/16944/2021*	99%*
Massive Nickel Tanzania Limited	Kapalagulu	Tanzania	PL/17155/2021*	99.00%*
Massive Nickel Tanzania Limited	Kapalagulu	Tanzania	PL 12196/2023 (previously PL/17041/2021)**	99%**
Massive Nickel Tanzania Limited	Liparamba	Tanzania	PL/16942/2021*	99%*
Massive Nickel Tanzania Limited	Kitai	Tanzania	PL 12195/2023 (previously PL/17015/2021**	99%**
Massive Nickel Tanzania Limited	Kapalagulu	Tanzania	PL/17503/2021*	99%*
Massive Nickel Tanzania Limited	Kapalagulu	Tanzania	PL/17505/2021*	99%*
Massive Nickel Tanzania Limited	Kapalagulu	Tanzania	PL 12197/2023 (previously PL/17687/2021)**	99%**
Massive Nickel Tanzania Limited	Kapalagulu	Tanzania	PL/17757/2021*	99%*
Massive Nickel Tanzania Limited	Kabanga	Tanzania	PL 12198/2023 (previously PL/17511/2021)**	99%**
Massive Nickel Tanzania Limited	Kapalagulu	Tanzania	PL/17504/2021*	99%*

Company	Project	Location	Tenement No.	RMC Interest
Vancouver Mineral Resources Limited	Mpanda	Tanzania	PL 11931/2022**	75%
Vancouver Mineral Resources Limited	Mpanda	Tanzania	PL 11934/2022**	75%
Vancouver Mineral Resources Limited	Mbozi	Tanzania	PL 11926/2022**	75%
Vancouver Mineral Resources Limited	Mbozi	Tanzania	PL 11928/2022**	75%
Vancouver Mineral Resources Limited	Mbozi	Tanzania	PL 11929/2022**	75%
Vancouver Mineral Resources Limited	Mlele	Tanzania	PL 11933/2022**	75%
Vancouver Mineral Resources Limited	Mpanda	Tanzania	PL 11936/2022**	75%
Vancouver Mineral Resources Limited	Mbozi	Tanzania	PL 11927/2022**	75%
Vancouver Mineral Resources Limited	Mpanda	Tanzania	PL 11930/2022**	75%
Vancouver Mineral Resources Limited	Mpanda	Tanzania	PL 11935/2022**	75%
Vancouver Mineral Resources Limited	Mlele	Tanzania	PL 11932/2022**	75%
Element92 Sumoi Oy	Hirvikallio	Finland	VA2022:0012***	Nil
Element92 Sumoi Oy	Kola	Finland	VA2022:0013***	Nil
Element92 Sumoi Oy	Pikkukkalio	Finland	ML2023:0036-01*	100%
Element92 Sumoi Oy	Köyhäjoki	Finland	ML2023:0094-01	100%
Element92 Sumoi Oy	Neverbacka	Finland	VA2023:0062-01	100%

Company	Project	Location	Tenement No.	RMC Interest
Element92 Sumoi Oy	Laitainen	Finland	Submitted*	100%

* Tenement applied for but not yet granted.

** Tenements acquired during the quarter.

*** Tenements disposed of during the quarter.

During the quarter, the Ruossakero reservation VA2022:0014 in Finland expired. To continue working on the area, RMC would need to apply for an exploration permit. The outcome of the application is not guaranteed, and the process will probably take several years, along with the potential distraction from the exploration activity of the Company's Li-projects. In the circumstances, the Company has decided to not proceed with the application process and effectively relinquish its interest in the area and the project. The Company will also cease reporting the Ruossakero mineral resource estimate in future reports.

The Kola and Hirvikallio reservations in Finland also expired during the quarter. Two exploration permits have been granted, Pikkukkalio and Köyhäjoki, to replace the previous Kola reservation. An exploration permit application, Laitainen, has been lodged to replace the Hirvikallio reservation.

This ASX announcement has been authorised for lodgement by the Board of Resource Mining Corporation Limited.

For further information, contact	For investor or media inquiries, contact
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Competent Person Statement

Exploration Results

Information in this announcement that relates to Exploration results and targets is based on, and fairly reflects, information compiled by Mr. Mark Gifford, a Competent Person who is a Fellow of the Australian Institute of Mining and Metallurgy. Mr Gifford is an independent consultant for Resource Mining Corporation Limited. Mr Gifford has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined by the 2012 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and

Ore Reserves. Mr Gifford consents to the inclusion of the data in the form and context in which it appears.

Forward Looking Statements

Some of the statements appearing in this announcement may be in the nature of forward looking statements. You should be aware that such statements are only predictions and are subject to inherent risks and uncertainties. Those risks and uncertainties include factors and risks specific to the industries in which the Company operates and proposes to operate as well as general economic conditions, prevailing exchange rates and interest rates and conditions in the financial markets, among other things. Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement.

No forward looking statement is a guarantee or representation as to future performance or any other future matters, which will be influenced by a number of factors and subject to various uncertainties and contingencies, many of which will be outside the Company's control.

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