

19 May 2025

EXPLORATION AND DEVELOPMENT UPDATE FOR MPANDA COPPER-GOLD PROJECT

Highlights

- Copper-gold auger and soil sample analysis in progress focused on the Stalike and Kabungu prospects within the Mpanda Project.
- Multiple small-scale mines (see *Maps 1 and 2 below*) forming a North West – South East trend, combined with soil geochemistry and rock and drilling results, extends over 40km and the ten prospects make up the Mpanda Project – a solid indicator of the presence of an extensive mineralised system.
- 16 rock chip samples from small-scale mines (see *Images 1 and 2 below*) located within RMC's tenements. Five samples exceeded 11g/t Au and two exceeded 10% Cu¹ from the Kabungu prospect.
- As well as ongoing exploration, RMC is assessing near-term production opportunities at Stalike and Kabungu by utilising nearby existing third party processing infrastructure.

Resource Mining Corporation Limited (ASX:RMI) ("RMC" or the "Company") provides further information about the exploration work to date at the highly prospective 1,056 km² Mpanda Copper-Gold Project in Tanzania and the next steps following the completion of the laboratory analysis workstream for soil and auger samples collected from the Stalike and Kabungu prospects.

As previously announced the information from the sample analysis work combined with exploration results for the two prospects will be used to generate drilling targets at the Stalike and Kabungu prospects as part of the next phase of exploration activities at Mpanda².

The Company has investigated the location of artisanal mine workings in and near to the Mpanda project and collected rock samples with the aim of establishing a mineralisation trend for the project. All mine workings falling within and outside of the Company's licences were mapped. The mapping of mine workings outside the licence area are to understand the general mineralisation trend and what controls the mineralisation in the area.

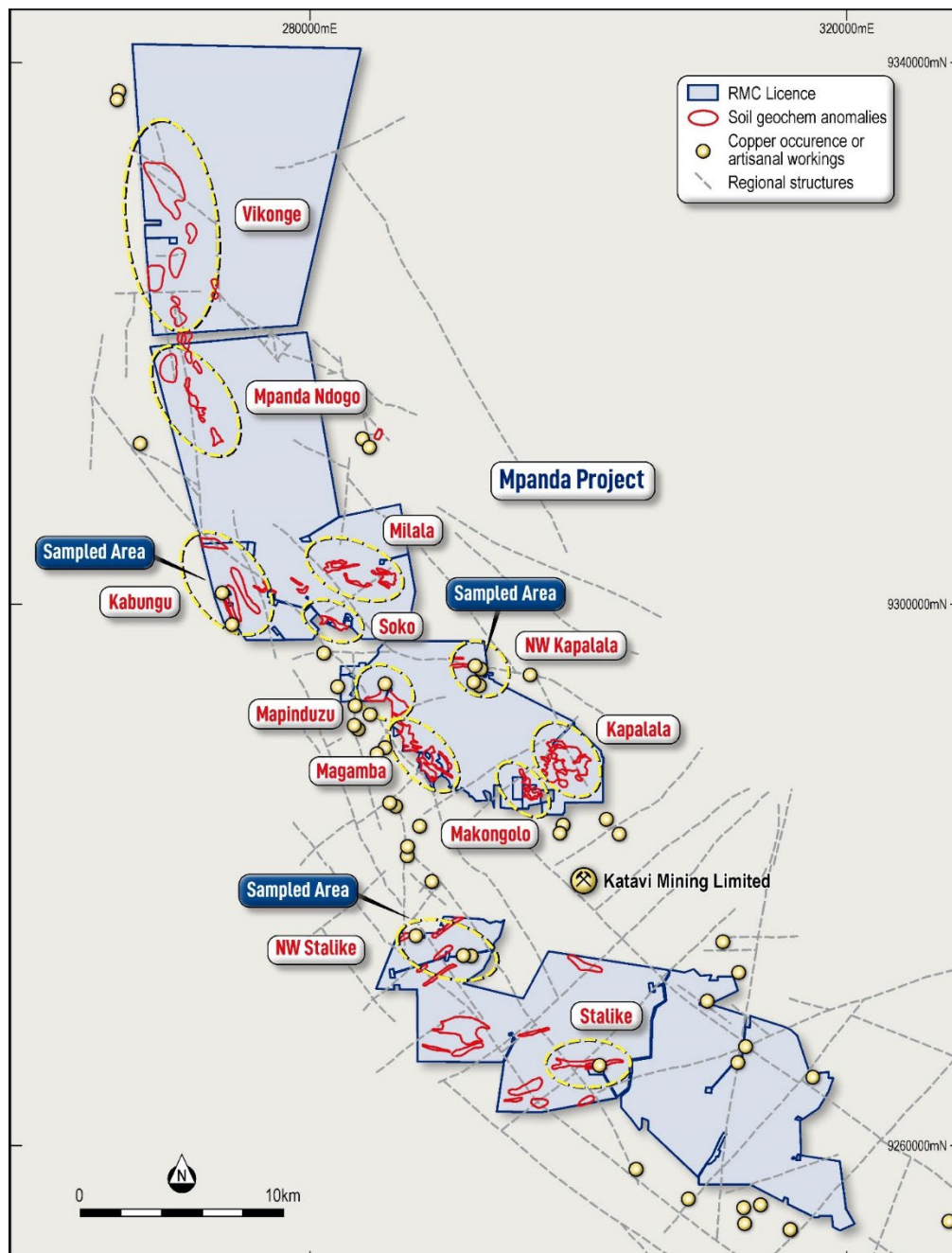
A total of 16 rock samples were collected from the artisanal mine workings within the Company's licence boundaries. The samples were analysed at SGS Mwanza Geochemical laboratory for Gold and Copper. Excellent analytical results were received with the results

² Refer to ASX announcement 13 May 2025

indicating the presence of gold and copper mineralisation in the Project areas ranging in grades from 0.5 g/t gold to 36.7 g/t gold and 0.3% to almost 12% copper³.

The artisanal mine workings have indicated a North West - South East general mineralisation trend.

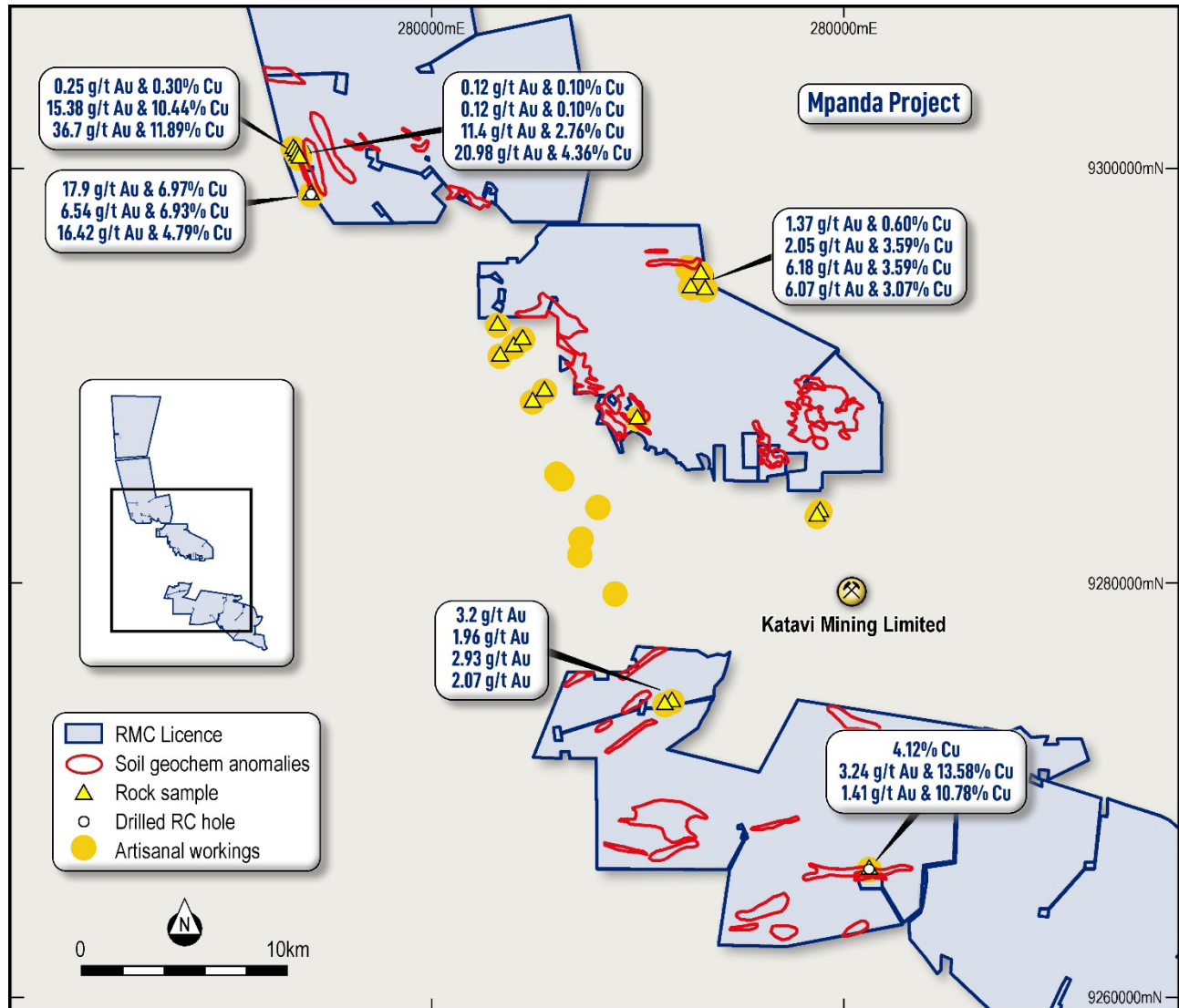
The Company is also considering opportunities for early mineral production based on the existing processing capacity in close proximity to the Mpanda Project, in particular the Stalike and Kabungu prospects.



Map 1: Mpanda Prospect with the large number of copper-gold anomalous areas and numerous artisanal mines

³ Refer to ASX announcement 2 September 2024

All exploration work completed to date has confirmed the presence of numerous Cu-Au soil anomalies⁴, and all work within these areas has shown that the anomalies tested relate directly to Cu-Au mineralisation. All current work including the current soil and auger sample workflow provides a platform for definition of future drill programs and resource development across all ten prospects in the Mpanda Project.



Map 2: Locations of rock chip samples, RC and auger drill hole, multiple historical artisanal mines and previous sample assay results

⁴ Refer to ASX announcements 12 March 2024, 1 May 2024, 5 August 2024 and 2 September 2024



Images 1 and 2: Small-scale mines located on RMC's Mpanda project

Executive Chairman Asimwe Kabunga commented: "Renewed investor interest in RMC in the past week has been very encouraging following our recent update of ongoing exploration activities. These works are ongoing and will help form the basis for a more structured and targeted low-cost drill program that we can execute in the near-term once we complete the current sampling program. As well as our exploration activities, given the extensive small-scale workings located across our Stalike and Kabungu projects where local miners have exploited the near-surface material, RMC is uniquely positioned to accelerate development of its own mineral production operations without extensive capex. We will provide further updates on this opportunity very soon."

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

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About Resource Mining Corporation

Resource Mining Corporation (ASX:RMI) strategy is to establish a long term business model based on mineral development delivering consistent shareholder value whilst operating in a sustainable way within the community and environment in which we operate.

RMC is currently exploring for critical minerals namely Copper and Nickel in Tanzania and Lithium in Finland. In Tanzania, RMC has two projects exploring for Copper-Gold and four projects focused on Nickel occurrences in sulphides within known and prolific mafic and ultramafic intrusions. In Finland, RMC has two projects focused on the exploration for Lithium.

Tanzanian Projects	Finnish Projects
<p><u>Copper/Gold</u></p> <ul style="list-style-type: none">• Mpanda and Mbozi Projects Both projects are located within the Ubendian Orogenic Belt, a major source of Ni, Cu and Au resources within Tanzania. <p><u>Nickel</u></p> <ul style="list-style-type: none">• Kabanga North Nickel Project Situated along strike from the Kabanga Nickel Project, which has an estimated mineral resource of 58Mt @ 2.62% Ni, or nickel equivalent grade of 3.14% (including cobalt and copper)⁵.• Kapalagulu Project 32km mapped mafic/ultramafic sequence with historical reports noting nickel, PGE and copper anomalism.• Kabulwanyele Project The project is located in the Mpanda District of Tanzania covering approximately 20.5 square kilometres.• Southern Projects (Liparamba, Kitai, Mbinga) Previously explored by BHP/Albidon and Jacana Resources.	<p><u>Lithium</u></p> <ul style="list-style-type: none">• Hirvikallio Lithium Project Initial exploration works completed by GTK across the project's area identified approximately 25 km² with pegmatite dykes returning promising results including 5m @ 2.30% Li₂O and 2m @ 1.33% Li₂O⁶.• Kola Lithium Project Located in the most significant lithium- mining region of Finland, and directly south of Keliber's flagship Syvöjärvi and Rapasaari deposits.

The Board has strong ties to Tanzania, Chaired by Asimwe Kabunga, a Tanzanian-born Australian entrepreneur who was instrumental in establishing the Tanzania Community of Western Australia Inc. and served as its first President.

The information in this announcement that relates to previously reported Exploration Results in RMC's announcements dated 12 March 2024, 1 May 2024, 5 August 2024 and 2 September 2024, RMC confirms that it is not aware of any new information or data that

⁵ Refer to ASX announcement dated 9 May 2022 including the Competent Person Statement disclosed, and Glencore Resources and Reserves as at 31 December 2019. The Mineral Resource Estimate is broken down into the following classifications – 13.8mT @ 2.49% Ni Measured, 23.4mT @ 2.72% Ni% indicated & 21mT @ 2.6% Ni inferred. RMC does not have any interest in the Kabanga Nickel Project.

⁶ Refer to ASX Announcement dated 7 June 2022 "Nickel and Lithium Tenements under Exclusive Option" including the disclosed Competent Person Statement.

materially affects the information included in the original announcements. Where the Company references Mineral Resource Estimates previously announced, it confirms that it is not aware of any new information or data that materially affects the information included in those announcements and all material assumptions and technical parameters underpinning the resource estimates with those announcements continue to apply and have not materially changed.

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.

The Company does not undertake any obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions or conclusions contained in this announcement. To the maximum extent permitted by law, neither of the Company's Directors, employees, advisors or agents, nor any other person, accepts any liability for any loss arising from the use of the information contained in this announcement. You are cautioned not to place undue reliance on any forward-looking statement. The forward-looking statements in this announcement reflect views held only as at the date of this announcement.

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