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Magnetic Survey Underway to Identify High-Priority Drill Targets Across Gold-Silver Project Portfolio in Saudi Arabia

Highlights

- Magnetic survey commenced across both project areas to define rock types and structural controls hosting gold mineralisation.
- First detailed exploration phase to generate high-priority drilling targets at Shaib Marqan Gold Project and Wadi Salamah Gold-Silver Project.
- Collaboration with CNNC Geological Science and Technology Co., Ltd, part of the China National Nuclear Corporation (CNNC).
- Work builds on recent high-grade assay results of up to 40.35 g/t Au at Shaib Marqan and 10.66 g/t Au & 40.4 g/t Ag at Wadi Salamah¹.

Resource Minerals International Ltd (ASX:RMI) is pleased to advise that a ground magnetic survey has commenced at its **Shaib Marqan gold project and the Wadi Salamah gold-silver project** in **Saudi Arabia**. The program is designed to provide detailed structural and lithological data to refine drill-target definition for upcoming exploration campaigns.

This work is being conducted in collaboration with **CNNC Geological Science and Technology Co., Ltd** part of the **China National Nuclear Corporation² (CNNC)**, one of the world's leading state-owned geoscience and mining technology enterprises. CNNC brings extensive technical capability and global experience across gold, uranium, and polymetallic exploration programs.

The survey represents the first detailed exploration phase following RMI's recent confirmation of high-grade gold and silver mineralisation from rock-chip sampling across both projects¹. Collected survey data will be integrated with existing geological information to map subsurface structures and target mineralised zones for detailed mapping and future drilling.

RMI Executive Chairman Asimwe Kabunga said:

"Following our outstanding assay results, we're pleased to advance to the next stage of exploration in Saudi Arabia. Partnering with CNNC adds substantial technical depth and international credibility to our program."

¹ ASX announcement dated 13 October 2025

² <https://en.cnncc.com.cn/>

"This collaboration fits our strategy to leverage world-class expertise as we move rapidly toward defining drill targets and unlocking the full potential of our Saudi assets."

Prof. Dr. Zhixin Huang, General Manager, CNNC Geological Science and Technology Co., Ltd. Saudi Branch, said:

"We're delighted to work with RMI in advancing its exploration programs within the Arabian-Nubian Shield. The ground magnetic survey will deliver valuable structural insight into these promising gold and silver systems. CNNC brings extensive geology and exploration experience and resources, and we look forward to contributing to the continued success of this collaboration."

The magnetic survey covers both licence areas, totalling approximately 190 km², and forms part of a systematic work plan to refine high-priority targets for upcoming mapping and drilling. RMI expects the survey results and interpretations to guide field programs planned for early 2026.



Photo 1: Field team conducting ground magnetic survey using high-resolution magnetometer equipment (Wadi Salamah project).



Photo 2: Joint RMI-CNNC technical team reviewing survey layout and geological structures (Wadi Salamah project).



Figure 1: Project Location Map

END

This ASX announcement has been authorised for lodgement by the Board of Resource Minerals International Ltd.

For further information, contact	
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About Resource Minerals International Ltd

The strategic intent of Resource Minerals International Ltd (ASX:RMI) is to establish a long-term business based on mineral development delivering consistent shareholder value in a sustainable way within the community and environment in which we operate.

In Tanzania, RMI has two exploration projects targeting Copper-Gold and six projects focussed on Nickel occurrences in sulphides within known and prolific mafic and ultramafic intrusions. In Finland, RMI has two projects, focusing on the exploration of Lithium. In Saudi Arabia, RMI has two exploration projects focussed on exploration for gold and silver within the Arabian-Nubian Shield (ANS) which extends across much of Saudi Arabia and eastern Egypt and Eritrea and hosts significant mineral 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.

Tanzanian Projects	Finnish Projects
<u>Copper/Gold</u> • Mpanda and Mbozi Projects Both projects are located within the Ubendian Orogenic Belt, a major source of Ni, Cu and Au resources within Tanzania. <u>Nickel</u> • 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)³.	<u>Lithium</u> • Kola Lithium Project (Köyhäjoki and Pikkukallio exploration permits) Located in the most significant lithium- mining region of Finland, and directly south of Keliber's flagship Syväjärvi and Rapasaari deposits. • Hirvikallio Lithium Project (Laitinen permit application) Initial exploration works completed by GTK across the project's area identified approximately 25 km² with pegmatite dykes returning promising

³ 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. RMI does not have any interest in the Kabanga Nickel Project.

Tanzanian Projects	Finnish Projects
• 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.	results including 5m @ 2.30% Li ₂ O and 2m @ 1.33% Li ₂ O.
	Saudi Arabian Projects
	Gold • Shaib Marqan Project is in the southern section of the Ar Rayn Terrane and covers an area of 91.8km². • Wadi Salamah Project occurs within Murdama group rocks of the Zaydi formation and covers an area of 98.7km².

Exploration Results

Where the Company refers to Exploration Results in this announcement (referencing previous releases made to the ASX), the Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements.

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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