

ASX Announcement

18 MARCH 2024



GOLD AND COPPER EXPLORATION TO COMMENCE

HIGHLIGHTS

- **Edjudina Gold Project:**
 - **Aircore (AC) drilling program designed to test significant gold-in-soil anomaly discovered at the Edjudina Gold Project**
 - **Three high-priority targets to be drilled within a broad 7km trend**
 - **Program commencement delayed due to significant rainfall, drilling to begin as soon as conditions allow**
- **Victoria Bore Copper Project:**
 - **Follow-up soil sampling program to be undertaken to extend recently uncovered regional base metal anomalies**
 - **Two high-priority copper targets to be further investigated along with additional untested targets**
- **Energy asset:**
 - **Progress made towards securing an international energy project**

M3 Mining Limited (ASX: M3M) (**M3 Mining** or the **Company**) is pleased to update the market on planned field operations at both of its wholly owned WA projects; The Edjudina Gold Project, located approximately 150km northeast of Kalgoorlie and The Victoria Bore Project located 120km south of Onslow.

EXECUTIVE DIRECTOR SIMON ELEY SAID:

"We are pleased to share the details of our upcoming field programs at Edjudina and Victoria Bore. At the Edjudina Gold Project, M3 Mining will be undertaking an aircore drilling program to target high-priority gold anomalies discovered in a recent soil sampling campaign. At the Victoria Bore Copper Project, the Company will be completing a follow-up soil sampling campaign focussing on expanding the footprint of recently uncovered copper anomalies in areas of limited, if any, prior exploration. The recent interest in copper supply issues as well as the increasing gold price, underlines the efforts of the Company to realise the potential at both of M3 Mining's projects. The team will be undertaking these programs in the near future, subject to weather conditions."



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Directors

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Projects

Edjudina Gold Project (100% Owned)
Victoria Bore Copper Project (100% Owned)

Shares on Issue	58.4M
Share Price	\$0.059
Market Cap	\$3.4M
ASX Code	M3M

Edjudina Gold Project – Aircore Drilling Program

Three high-priority targets at Edjudina have been identified for approximately 3,500m of AC drilling (see Figure 1). The targets have been identified from a major soil sampling campaign across the 7km trend (See *M3M announcement 1/02/2024 “Extensive Gold Anomaly in Edjudina Soils”* for further details), with the trend demonstrated to possess high-grade gold, including 10m at 241.2 g/t Au from 27m (See *M3M announcement 10/07/2023 “Spectacular Gold Mineralisation Confirmed at M3M’s Edjudina Gold Project”* for further details). Target 1 has seen sporadic historic drilling, whilst the two remaining targets have not been previously drilled. Considerable recent rainfall in the region has delayed the expected starting date, however, plans are in place to commence drilling as soon as ground conditions allow (anticipating mid-April).

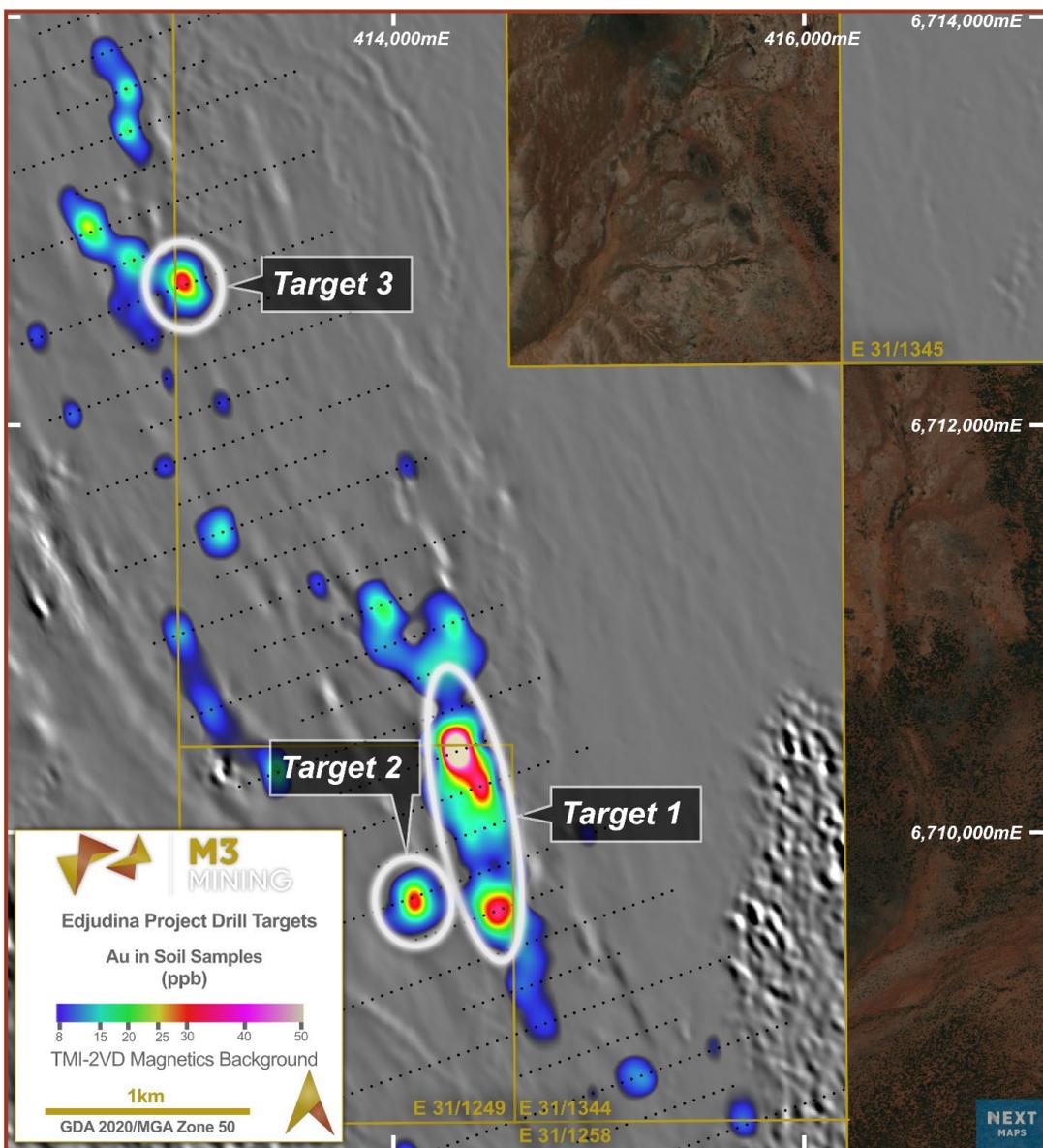


Figure 1 – Drill Targets at The Edjudina Gold Project

Victoria Bore Copper Project – Soil Sampling Program

A recently completed pXRF soil sampling program outlined significant copper soil anomalism across multiple prospects (See M3M announcement 29/01/2024 “Regional Base Metal Anomalism at Victoria Bore” for further details). Two high-priority targets will be further assessed by in-fill sampling to possibly extend the footprint of known anomalism. The follow-up targets contained multiple anomalous copper readings with some as high as 5.9x background. Additionally, at least three further untested targets coincident with magnetic anomalies will also be tested (see Figure 2). The program is expected to be completed in Q2, CY2024.

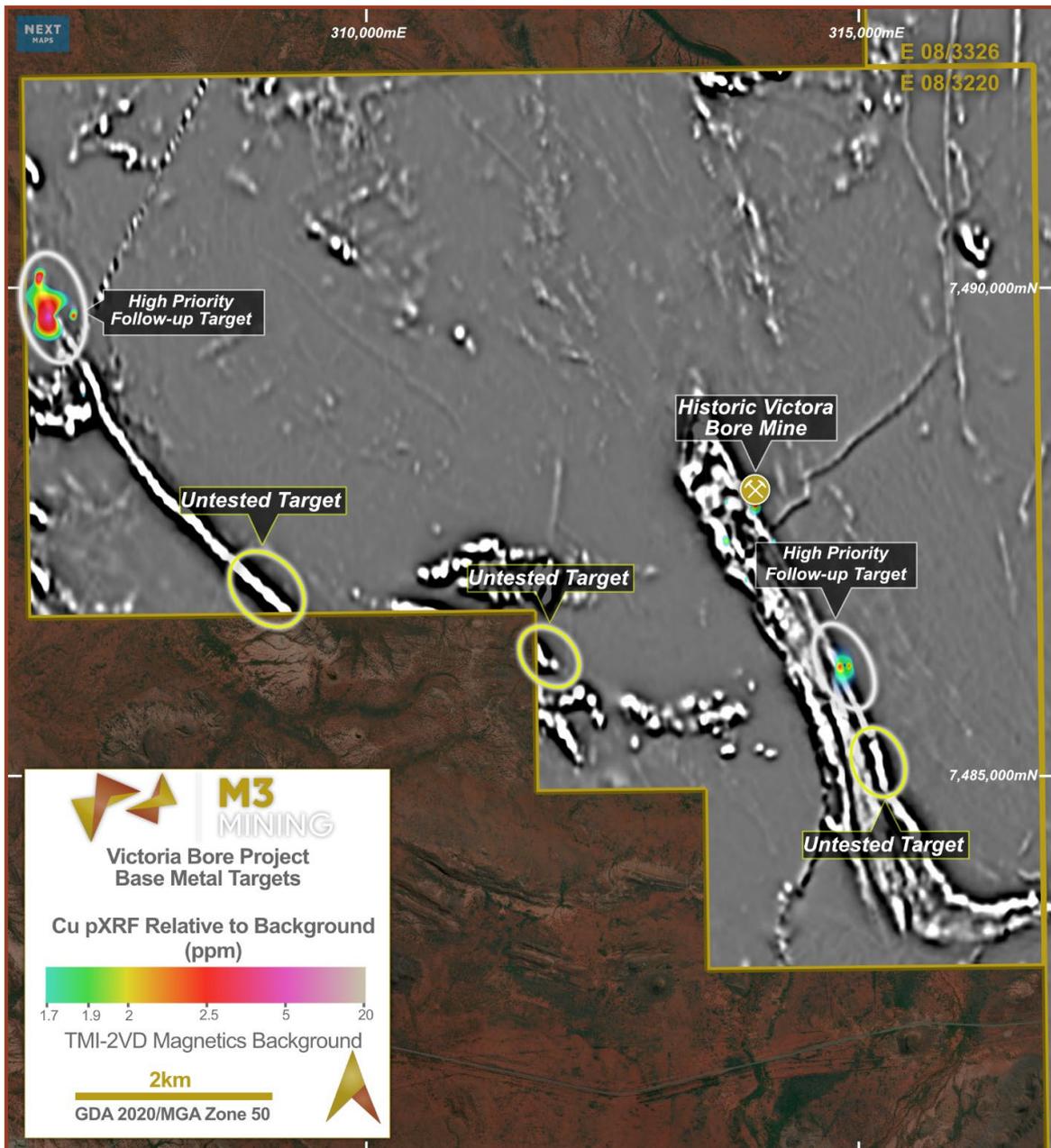


Figure 2 – Base Metal Targets at The Victoria Bore Copper Project



Energy asset

In addition to our current projects in Western Australia, M3 Mining is pleased to report that progress has been made towards securing an advanced overseas energy project. The Company is progressing discussions in relation to securing the asset and, subject to receiving approvals, the Company will make an announcement to the market.

-END-

This announcement has been authorised for issue by the Board of M3 Mining Limited in accordance with ASX Listing Rule 15.5.

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About M3 Mining

M3 Mining Limited (ASX:M3M) is a Perth-based mineral exploration company focused on creating value for shareholders through exploration and development of a high-quality base metal and gold exploration portfolio. M3 Mining's projects are strategically located in regions surrounded by majors and has experienced minimal modern, systematic exploration across both projects. The Company's strategy is to apply a systematic approach to the assessment and prioritisation of its projects, all of which have the potential to produce material discoveries.

