



M3
MINING

ASX: M3M

121 MINING
INVESTMENT
15-16 MAY 2024 **LONDON**

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Competent Person

The information in this announcement that relates to exploration results is based on and fairly represents information compiled by Jeremy Clark, a competent person who is a member of the AusIMM. Jeremy Clark is the sole director of Lily Valley International Pty. Ltd. Jeremy Clark has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves. Jeremy Clark consents to the inclusion in this announcement of the matters based on his work in the form and context in which it appears.

This announcement has been approved by the Board of M3 Mining.

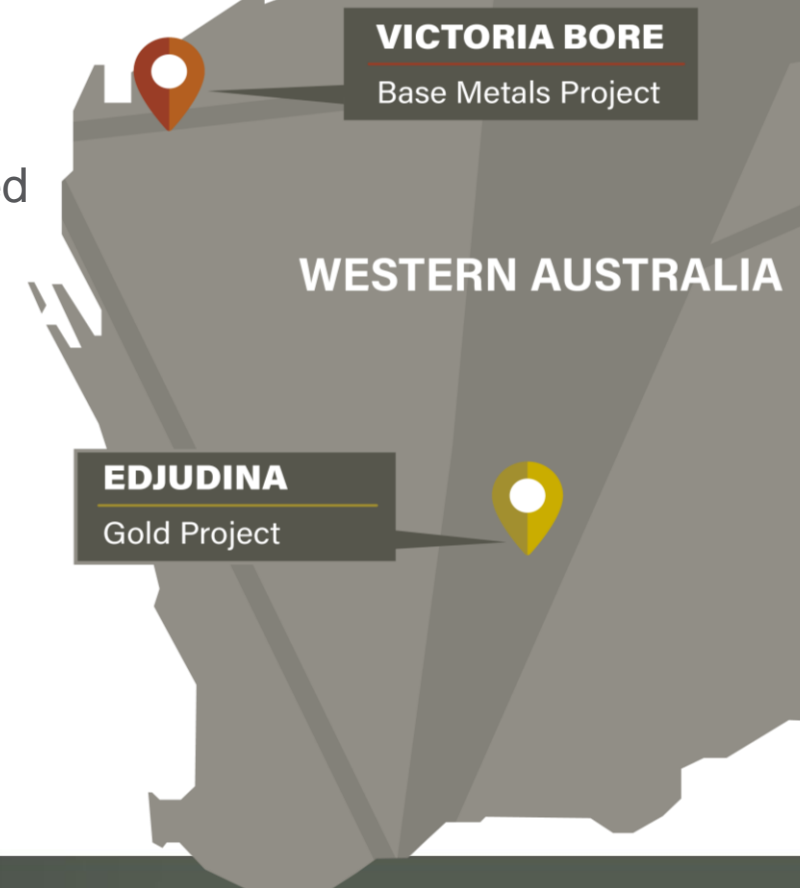


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Investment Highlights

Team, commodities and results

- Drilling highlights gold mineralisation at Edjudina 150km NE of Kalgoorlie, proximal to operating mines and with gold at all-time highs
- Results to date included **1m at 2,303.5g/t from 27m¹**
- Further air-core (AC) drilling program **along trend recently completed, awaiting results²**, additional drill targets remain untested
- Copper potential improving at Victoria Bore³
- Potential to secure advanced exploration/pre-development energy projects
- Team in place to advance potential and maximise value organically or by acquisition
- Attractively priced, leveraged to exploration success (\$1.2M EV & \$3.7M cash²)



¹ See M3M announcement 10/07/2023 "Spectacular gold mineralisation confirmed at Edjudina" for further details

² See M3M quarterly activities report and 5B dated 30 April 2024 and includes cash and shares following EGM on 23/04/2024

³ See M3M announcement 09/05/2024 "New Copper Occurrences Discovered at Victoria Bore" for further details

Corporate Structure

Tight capital structure and supportive shareholder base leveraged to exploration success

84.55M⁴

Shares on issue
ASX: M3M

\$4.9M

Market Cap
At \$0.059/sh

\$3.7M

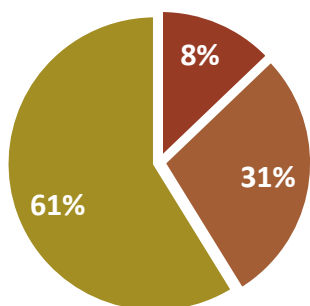
Cash & Receivables⁴

18.8M⁴

Unlisted Options

10.25M⁴

Performance Rights



- Board & Management
- Other Top 20 Shareholders
- Others



⁴ Includes cash injection of \$1.45m, performance rights granted and broker options issued following shareholder approval at general meeting on 23 April 2024

Team with a track record



Russell Davis
Non-Executive Chair
Geologist

- +40 years' experience in the mineral resources business
- Founding Director of Gold Road Resources Ltd (ASX:GOR) in 2005 and continued as an Executive then Non-executive Director until June 2016
- Russell is currently Chairman of Hammer Metals Ltd (ASX:HMX), a role held since January 2014



Simon Eley
Executive Director
Commercial / Lawyer

- +20 years' experience in the resources and energy sectors as a solicitor and company director
- Founding director of Egan Street Resources that was acquired by Silver Lake Resources (ASX:SLR) in 2019 for an implied value of \$72 million
- Simon is currently Chair of Westar Resources Ltd (ASX:WSR) and Director of PhosCo Ltd (ASX:PHO)



Eddie King
Non-Executive Director
Commercial / Engineer

- 15 years' experience in the mineral resources and energy business
- Director of CPS Capital Group, one of Australia's most active stockbroking and corporate advisory firms specialising in small to medium high growth companies
- Interim Chair of Queensland Pacific Metals Ltd (ASX: QPM); Chair of Rubix Resources Ltd (ASX: RB6) and Great Northern Minerals Ltd (ASX:GNM); and Director of Ragnar Metals Ltd (ASX: RAG), Bindi Metals Ltd (ASX: BIM), Eastern Resources Ltd (ASX: EFE) and Noble Helium Ltd (ASX: NHE)



Ben Donovan
Company Secretary
Corporate

- +21 years' experience in the provision corporate advisory and company secretary services
- Extensive experience in ASX listing rules compliance and corporate governance, and has served as a Senior Adviser to the ASX for nearly 3 years
- Currently CoSec to several ASX listed resource companies including Magnetic Resources (ASX:MAU) and Legacy Iron Ore (ASX:LCY)



Austin Gow
Project Geologist

- M3 Mining geologist since April 2022
- 5 years' experience in mineral exploration including early-stage exploration programs
- Varied background in multiple commodities across a wide range of ASX-listed explorers/developers

Ziggy Lubieniecki
Consultant Geologist

- Former Executive Director at Gold Road (ASX:GOR) credited for discovery of the +6.2Moz Gruyere gold deposit
- +30 years' experience and AMEC prospector of the year in 2015

Chris Newman
Consultant Geologist

- +30 years' experience in mining and exploration
- Extensive geology experience with several ASX listed companies including WMC Resources, BHP Billiton, Carbine Resources and Dacian

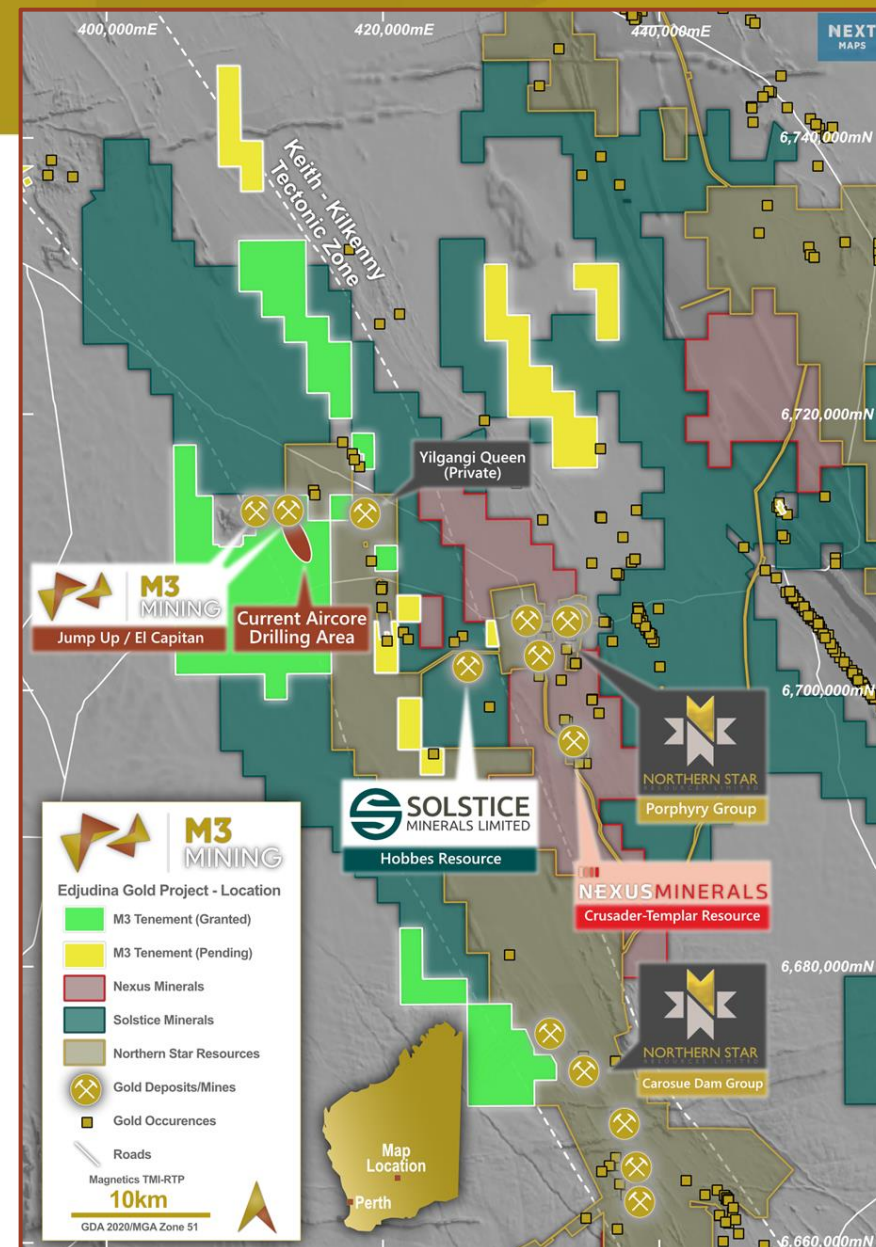
Edjudina Gold Project

Favourable location 140km northeast of Kalgoorlie with limited drilling across the tenement package

- Established mineralised corridor along Keith-Kilkenny Tectonic Zone hosting multiple significant gold discoveries along trend (eg, Carosue Dam, Twin Peaks, Monty Dam and Yilgangi)
- Tenements cover favourable geology and second order structures off the Yilgangi Fault
- Historical drilling sparse and largely ineffective
- NST acquisition of SLS Hobbes deposit for \$12.5m⁵

El Capitan area

- Splay structure 1.6 km south of confirmed gold mineralisation at Jump Up
- Additional soil anomalies uncovered in early 2024

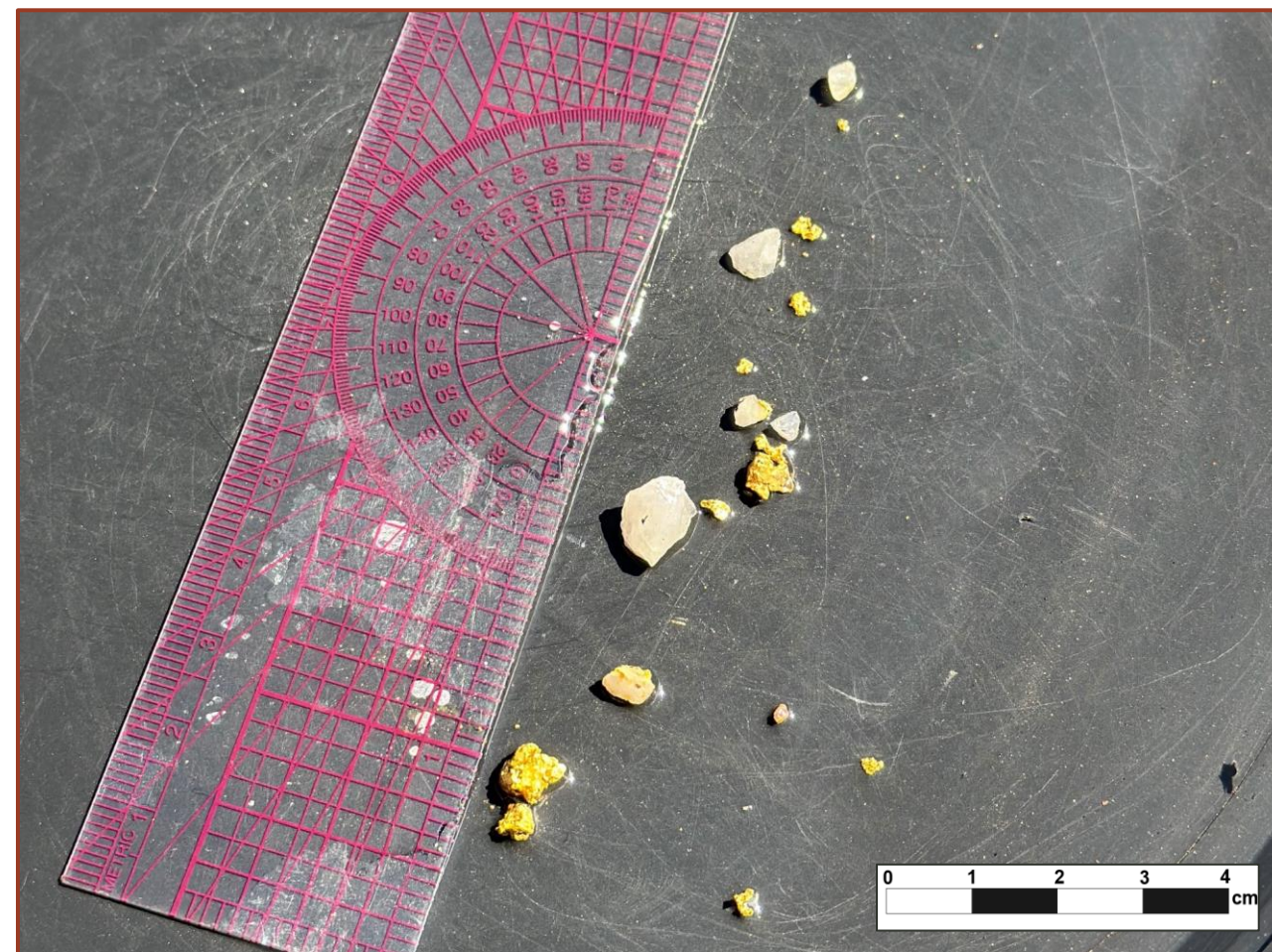


⁵ See SLS announcement 09/04/2024 "Sale of Hobbes Exploration Licence for \$12.5M"

Edjudina – El Capitan

Scout AC drill program completed in May 2023 delivered spectacular gold results

- 76 holes for a total of 3,456m testing 1.6km soil anomaly
- **10m at 241g/t Au from 27m** (EDJAC164) including⁶:
 - 1m at 2,303.5 g/t Au
 - 1m at 40.9 g/t Au
 - 1m at 15.3 g/t Au
 - 1m at 15.8 g/t Au
- DroneMag survey completed in July 2023 and subsequent soil sampling program results refined additional drill targets
- Follow-up drill programs completed in 2023⁷ and April 2024⁸



⁶ See M3M announcement 10/07/2023 “Spectacular gold mineralisation confirmed at Edjudina” for further details

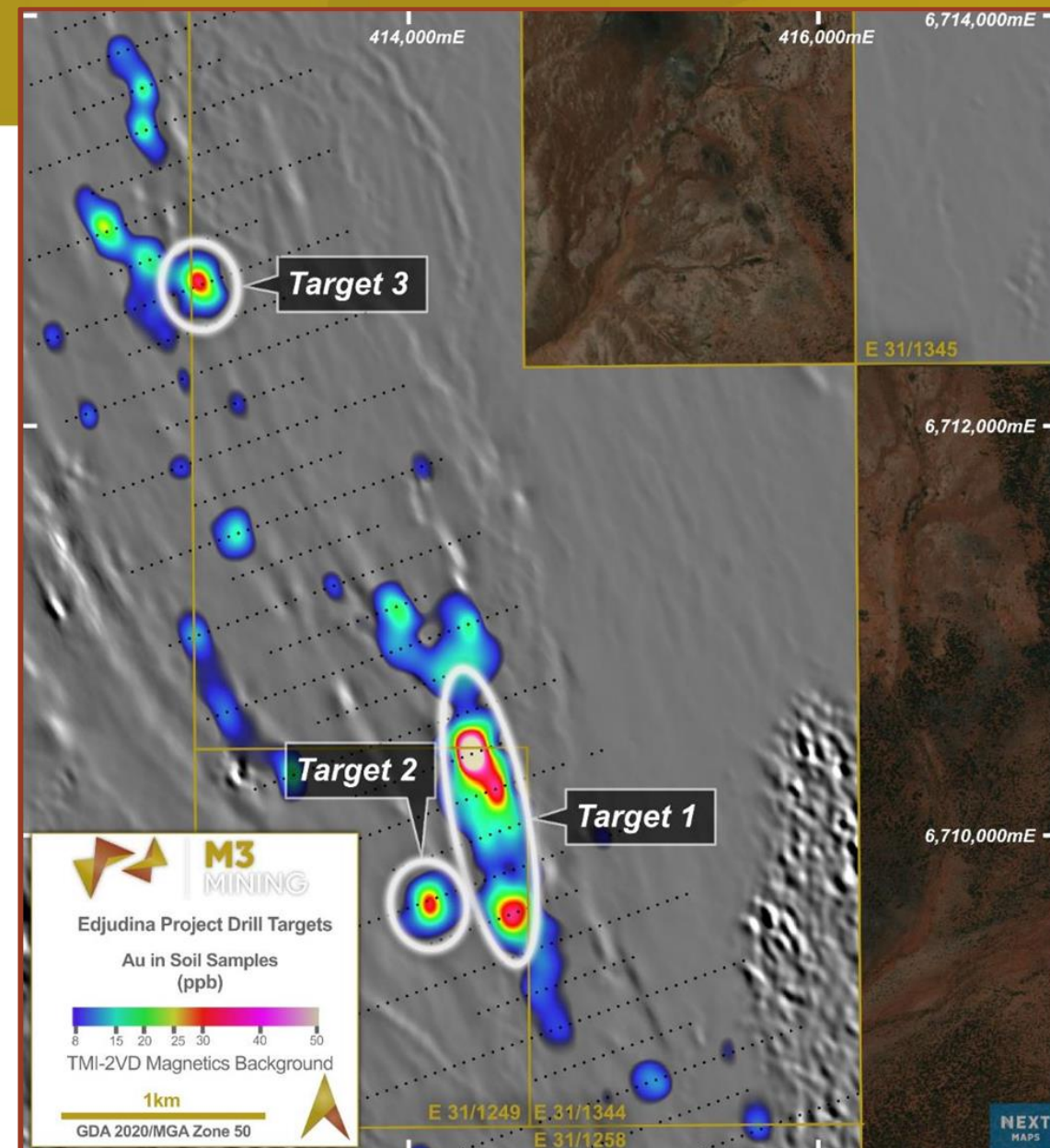
⁷ See M3M announcements dated 08/09/2023 “Mineralisation at El Capitan extended over 400m” and 04/01/2024 “RC drilling assays received at Edjudina Gold Project” for further details

⁸ See M3M announcement dated 17/04/2024 “Aircore drilling program commences at Edjudina Gold Project” for further details

Edjudina – AC drilling

Potential extensions to the south tested in recent AC follow-up drilling

- 111 AC holes drilled for 2,077m⁹
- Three high priority targets tested
- Possible continuation of the mineralisation encountered at El Capitan as it lies adjacent to the localised magnetic trend
- Gold mineralisation coincident with defined aeromagnetic trend
- Shear-zone related gold mineralisation associated with quartz veining
- Additional targets identified and will be tested subject to results of recent AC program
- **Results pending**

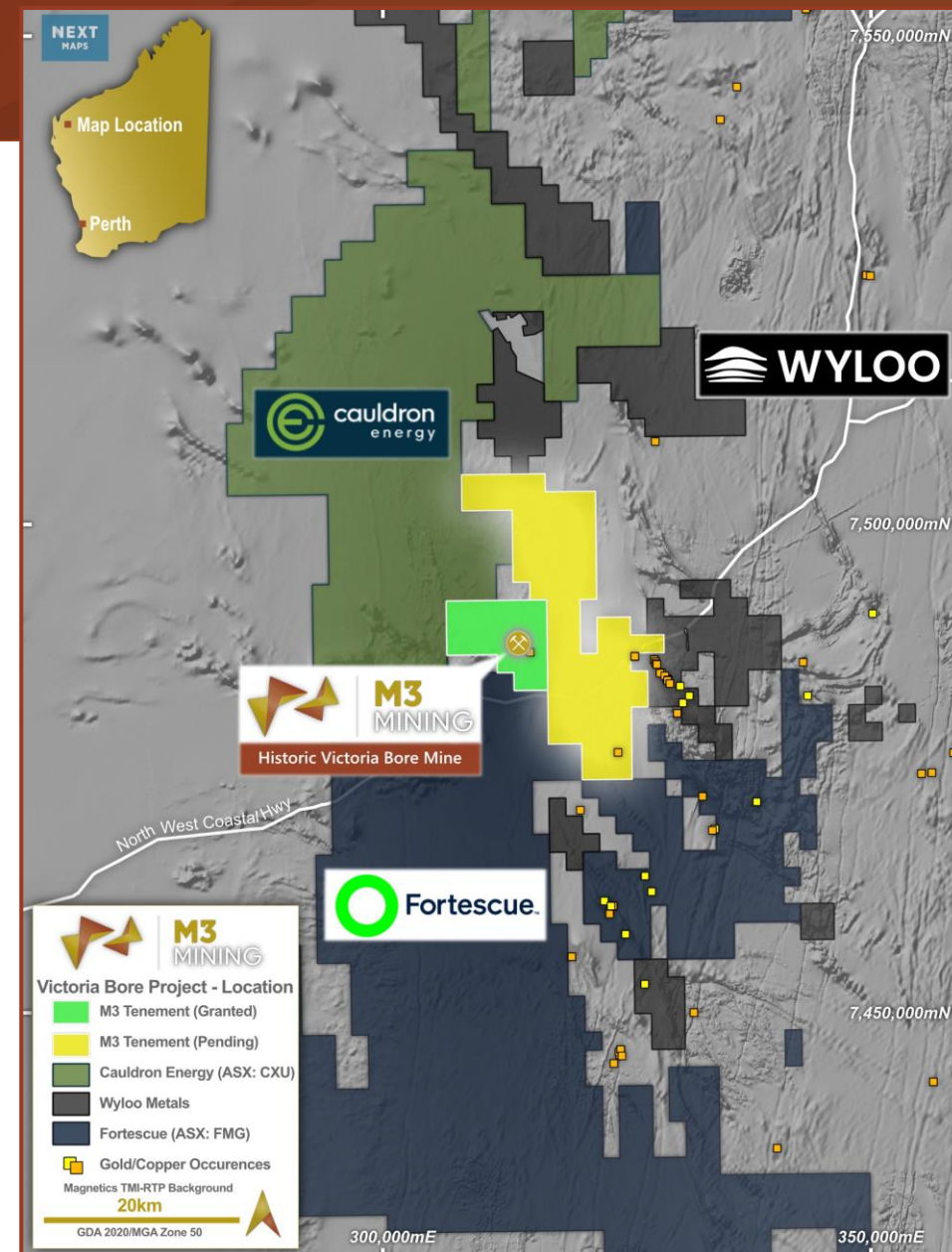


⁹ See M3M quarterly activities and 5B report dated 30 April 2024 for further details

Victoria Bore Copper Project

Recent field work uncovers multiple old workings with remnant copper oxide present at surface

- Located 120km SE of Onslow in the Pilbara, WA
 - Close to transport infrastructure / DBNGP
 - Adjacent to FMG, Wyloo Metals and Cauldron Energy
- 100% interest in the Victoria Bore Copper Project
 - 1 granted exploration licence and 6 pending applications
- Historic high-grade production of 183t @ 32.7% Cu for 60t Cu at the Victoria copper mine¹⁰
- Fourteen unrecorded workings with remnant copper oxide uncovered during recent field work; plans to further evaluate untested areas of trend along strike from historic mine¹¹



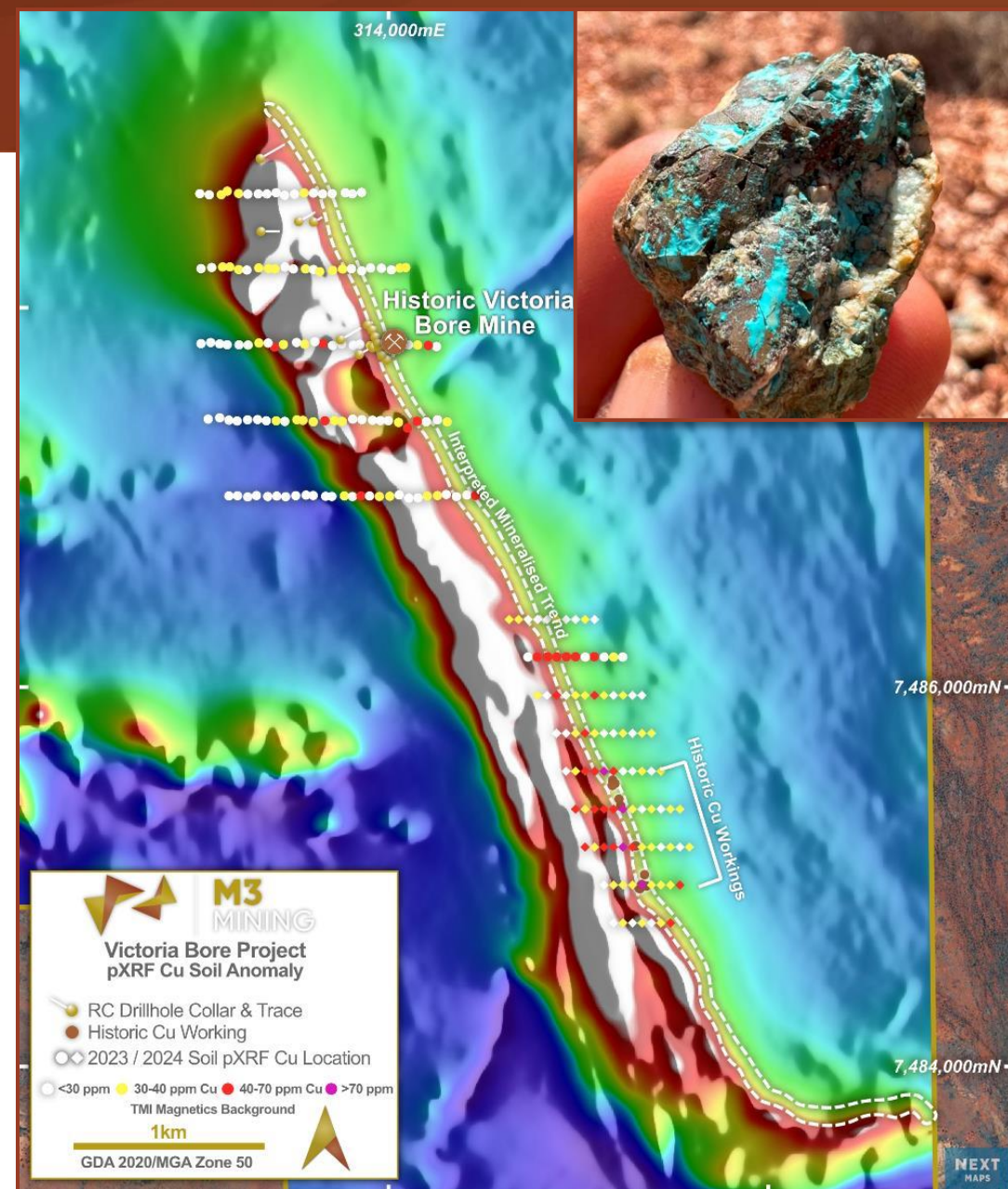
¹⁰ See M3M announcements 27/07/2021 "Prospectus" and 3/11/2021 "High Grade Copper at Victoria Bore and drilling commences" for further details

¹¹ See M3M announcement 09/05/2024 "New Copper Occurrences Discovered at Victoria Bore" for further details

Victoria Bore Copper Project

Recent field work discovered new copper occurrences along strike from historic mine

- 14 unrecorded workings discovered over strike length of 600m, all containing remnant copper oxides¹²
- Workings 3km south of the historic Victoria Bore Copper Mine
- Presence of copper confirmed by pXRF¹²
- Limited if any modern copper exploration, including drilling, completed over the area covered by the workings
- Copper occurrences interpreted to be similar to the historic Victoria Bore Copper Mine
- Further fieldwork planned to understand the nature and scale of the trend underlying the workings and untested areas ahead of an initial scout drill program



¹² See M3M announcement 09/05/2024 "New Copper Occurrences Discovered at Victoria Bore" for further details

M&A; targeting energy projects


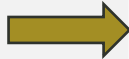




Looking to secure advanced exploration / pre-development projects

- Energy security in the Middle East and North Africa (MENA) region has two aspects:
 - Improving access to energy in poorer/developing countries
 - Diversifying supply options for neighbouring countries due to conflict
- Projects targeted¹³ have the following features:
 - Resources and potential reserves
 - Access to established infrastructure for transport
 - Early production (cashflow) opportunities
- Engagement with regulatory bodies and financing groups advancing

¹³ Discussions with the regulatory bodies and financiers remain incomplete and there is no certainty that the Company will secure any energy project

Upcoming Exploration

Results driven systematic exploration with dual commodity focus in proven jurisdictions

	Q1 CY2024	Q2 CY2024	Q3 CY2024
<i>Edjudina (El Capitan)</i>			
AC drilling completed			
Results from AC drilling			
RC drilling campaign (subject to results)			
<i>Victoria Bore</i>			
Greenfields geochemistry campaign			
Infill soil sampling program plus new targets			
Scout AC drilling (subject to results)			

M3 Mining Investment Highlights

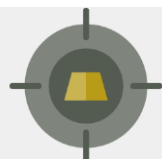
High grade results, significant exploration potential, right location and strong team



Highly regarded team known for discovery and transaction success



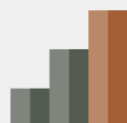
Awaiting exploration results at both Edjudina (gold) and Victoria Bore (copper) projects



Active news flow with results and further exploration activity in coming quarters



Acquisition opportunities in metals and energy in Australia and overseas advancing



Well-funded and attractively priced, leveraged to success



Thank you

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