



M3
MINING

ASX: M3M

121 MINING
INVESTMENT
14-15 NOVEMBER 2024 **LONDON**

November 2024

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Competent Person

The information in this announcement that relates to exploration results and past announcements 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 and prior announcements 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 M3M.



M3 Mining; overview



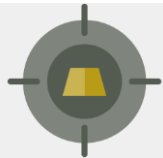
ASX listed company with management known for discovery and transaction success



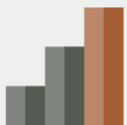
Premier jurisdictions with strong exploration targets in copper and gold



Potentially diversifying project portfolio with energy asset



Active news flow in coming quarters



Well-funded, leanly run and leveraged to success

Tight capital structure and supportive shareholder base leveraged to success

83.8M

Shares on issue¹
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A\$3.18M

Market Cap
At \$0.037/sh

A\$2.4M

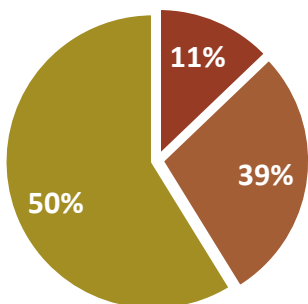
Cash & Receivables¹

11.0M

Unlisted Options¹

6.75M

Performance Rights¹



- Board & Management
- Other Top 20 Shareholders
- Others



¹ As at 30 September 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 / Corporate

- +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
- Commercial management of Woodside's Chinguetti oilfield FPSO and exploration activities based in Nouakchott, Mauritania in 2006
- Simon is currently Chair of Westar Resources Ltd (ASX:WSR)



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)



Dermot O'Keeffe
Non-Executive Director
Petroleum Engineer

- 39 years' experience in the energy industry
- Worked internationally for major oil & gas operators, including Texaco, BP, Sun Oil, Shell, Woodside, Premier Oil, and Ophir Energy
- Founded IPS (Australasia) providing engineering, management and operational solutions to exploration, appraisal, and development drilling and completion projects in Australia, Africa, and SE Asia in onshore, offshore, and deep-water offshore operations



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
Senior 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

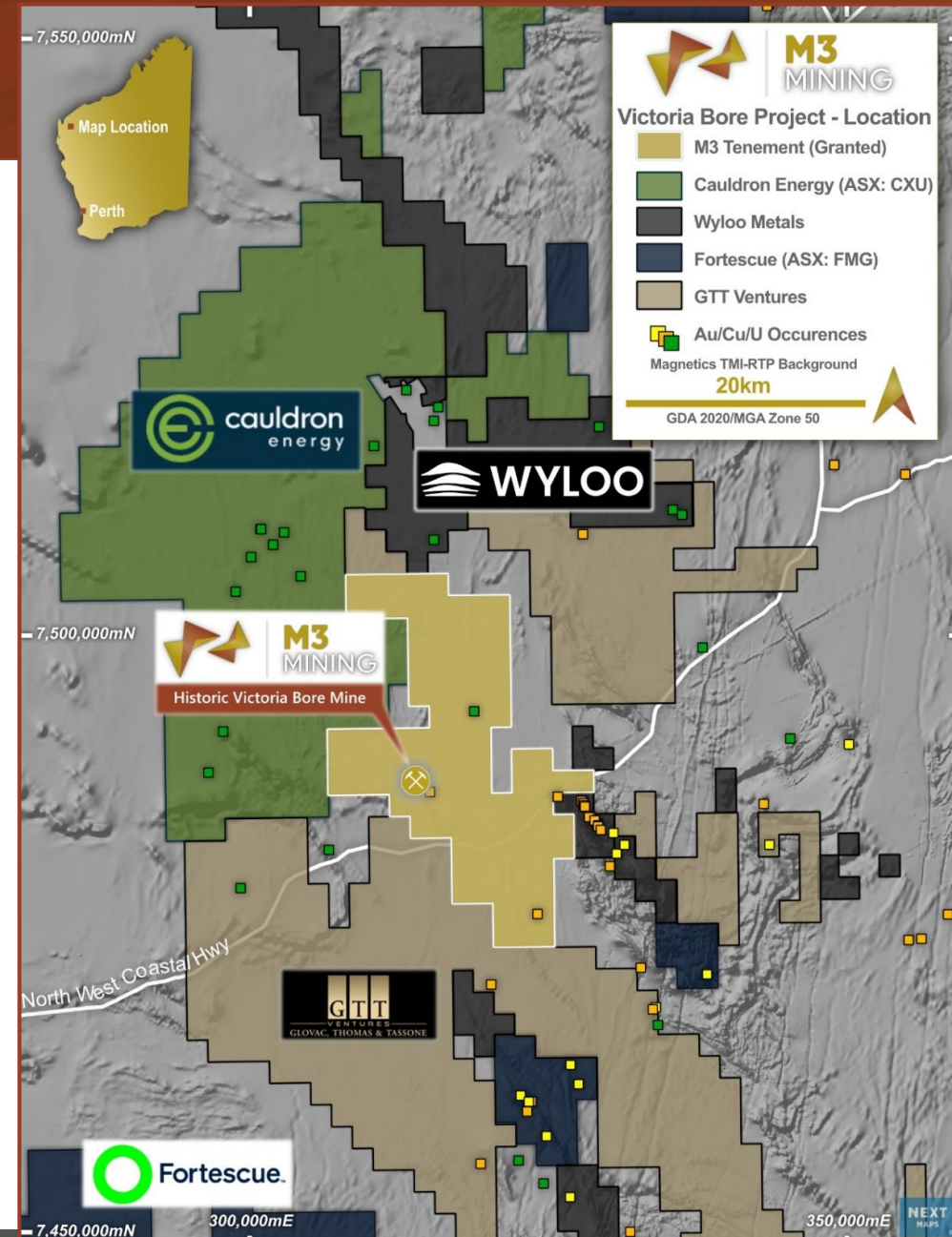
Victoria Bore Copper Project

Recent field work uncovers further historic workings with remnant copper oxide confirmed 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
 - 7 granted exploration licences
- Historic high-grade production of 183t @ 32.7% Cu for 60t Cu at the Victoria copper mine²
- Further unrecorded workings discovered; plans to further evaluate untested areas following significant increase in size of prospective area following reinterpretation³

² See M3M announcements 27/07/2021 "Prospectus" and 3/11/2021 "High Grade Copper at Victoria Bore and drilling commences" for further details

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



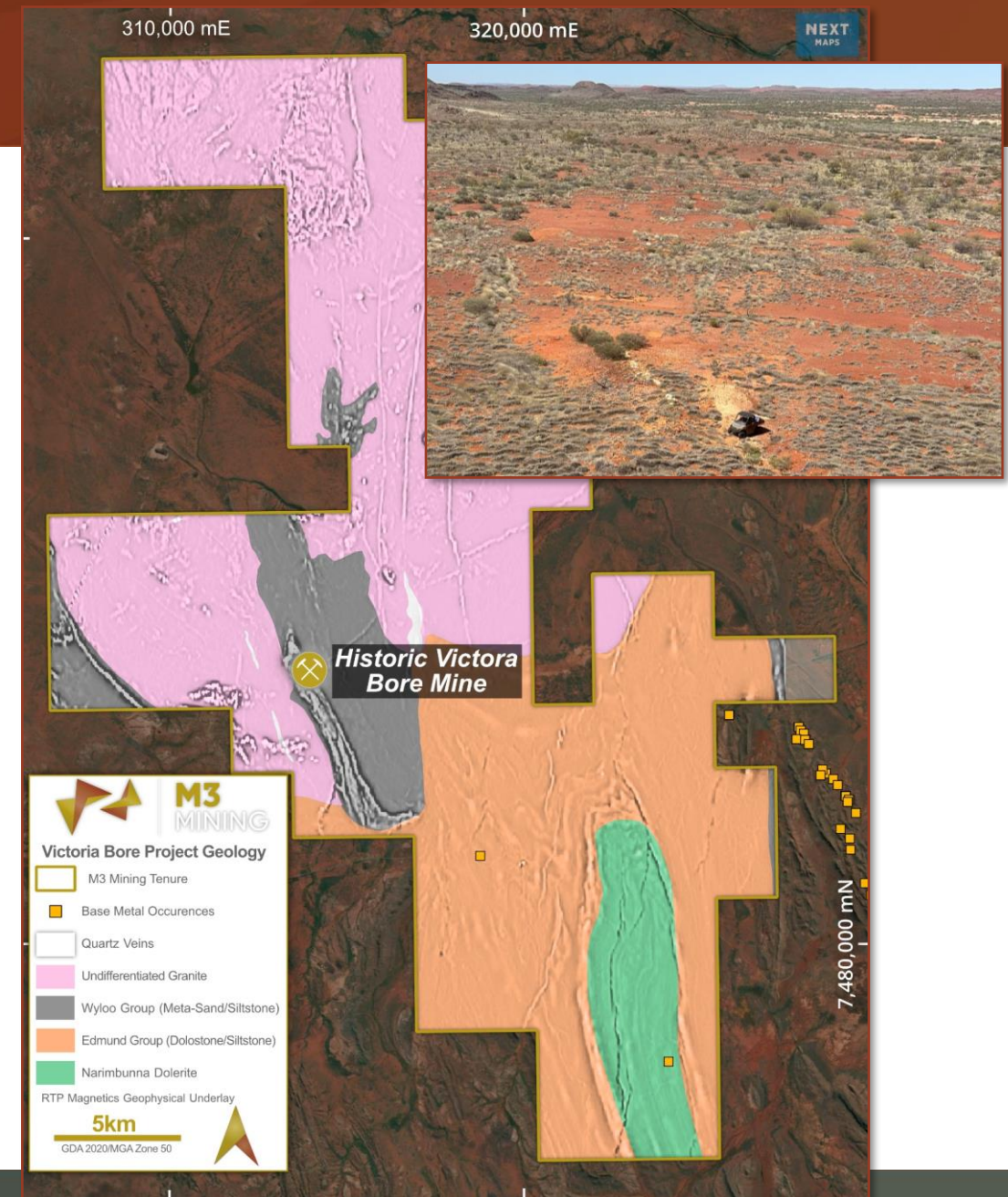
Victoria Bore Copper Project

New high-grade copper occurrences confirmed and additional workings uncovered

- 14 unrecorded workings discovered over strike length of 600m, some 3km south of the historic Victoria Bore Copper Mine
- Grades included 36.9%, 20.8% and 20.5% Cu⁴
- Recent field work has increased prospective area by more than 3 times⁵
- Large soil sampling program and a small passive seismic survey confirming shallow cover completed in September quarter 2024 with results expected during December quarter⁵
- Further workings on adjacent tenement following recent fieldwork uncovered with samples currently in for assay⁵

⁴ See M3M announcement 17/06/2024 "New Zone of High-Grade Copper Confirmed at Victoria Bore™" for further details

⁵ See M3M announcement 29/10/2024 "M3 Accelerates Exploration Activity" for further details



Edjudina Gold Project

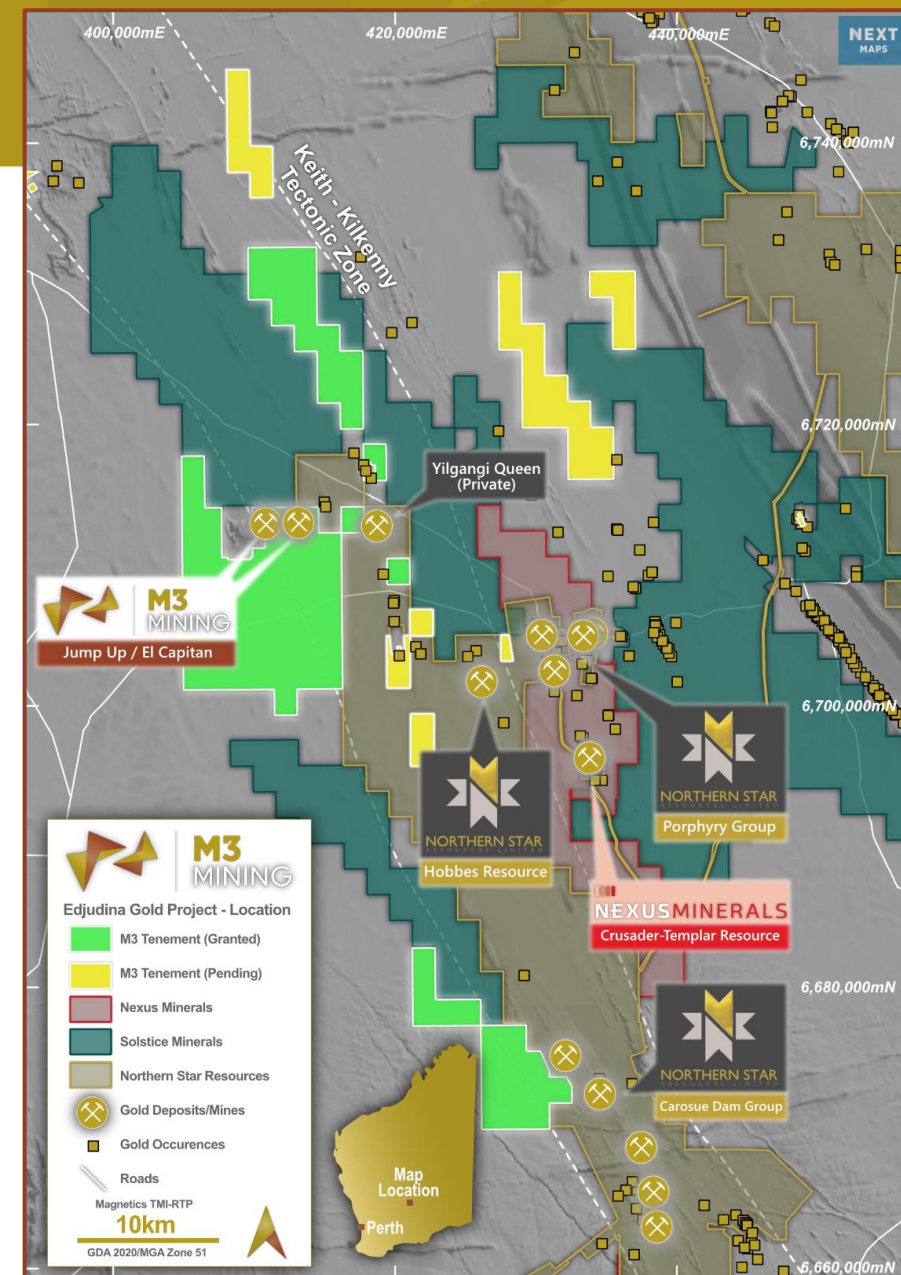
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Enviably address 140km northeast of Kalgoorlie with limited drilling across the tenement package

- Well known 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
- Surprisingly little historical drilling and largely ineffective
- Scout AC drill program completed in May 2023 delivered high-grade results 10m at 241g/t Au from 27m (EDJAC164) at El Capitan⁶
- Area attracts a premium; NST acquisition of SLS Hobbes deposit for \$12.5m⁷
- Additional soil anomalies uncovered in early 2024 requiring follow-up

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

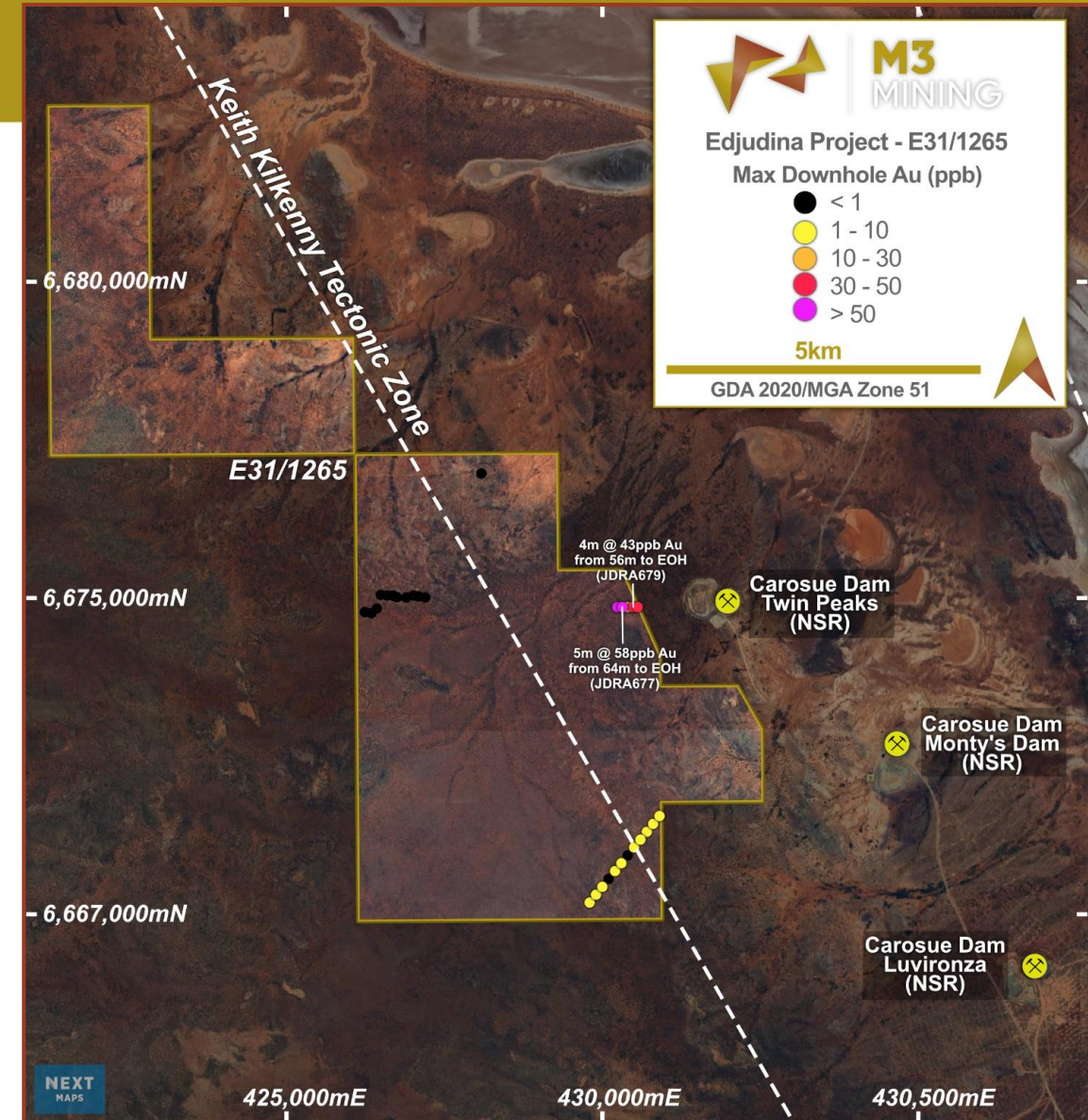
⁷ See SLS announcement 09/04/2024 "Sale of Hobbes Exploration Licence for \$12.5M"



Edjudina – Old Plough Dam

Newly granted tenement adjacent to Carosue Dam

- Multiple disjointed exploration programs over decades
- Located within favourable Keith-Kilkenny Tectonic Zone
- Limited drilling and limited follow-up work completed
- Reconnaissance mapping completed during quarter with results due in current quarter
- Adjacent area being actively explored by Northern Star⁸



⁸ See M3M announcement 29/10/2024 "M3 Accelerates Exploration Activity" for further details.




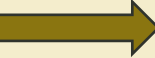

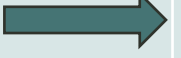


Diversifying portfolio; targeting energy projects

Progressing engagement 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 geopolitical issues
- Projects targeted⁹ have the following features:
 - Resources and potential reserves
 - Access to established infrastructure for transport
 - Early production (cashflow) opportunities
- Engagement with regulatory bodies continuing and discussions with offtake and financiers encouraging

⁹ Discussions with the regulatory bodies and financiers remain incomplete and there is no certainty that the Company will secure any energy project

Results driven systematic exploration with dual commodity focus in proven jurisdictions

	Q4 CY2024	Q1 CY2025	Q2 CY2025
<i>Victoria Bore</i>			
Soil sampling and rock chip results			
Geophysical survey (subject to results)			
RC drilling campaign (subject to results)			
<i>Edjudina</i>			
Rock chip results			
Identify drill targets (subject to results)			
<i>Energy project</i>			
Secure project			
Independent technical review (assuming secured)			
Confirming offtake & finance (assuming secured)			

Investment summary

Team, commodities, results and acquisitions

- Reinterpretation work expands base metals potential at Victoria Bore with more unreported workings discovered
- Recent high-grade copper results from newly discovered supergene; grades included **36.9%, 20.8% and 20.5% Cu**¹⁰
- Additional workings recently discovered on newly granted tenement; awaiting rock-chip results¹¹
- Gold exploration advancing at Old Plough Dam prospect at Edjudina, adjacent to NST's Carosue Dam¹¹
- Advancing negotiations to secure advanced exploration/pre-development energy projects in MENA region¹¹
- Team in place to maximise value organically or by acquisition
- Attractively priced, leveraged to success (\$0.7M EV & \$2.4M cash¹²)



¹⁰ See M3M announcement 17/06/2024 "New Zone of High-Grade Copper Confirmed at Victoria Bore" for further details

¹¹ See M3M announcement 29/10/2024 "M3 Accelerates Exploration Activity" for further details

¹² As at 30 September 2024



Thank you

Simon Eley

Executive Director | M3 Mining Ltd

T: +61 08 6243 6581

E: info@m3mining.com.au



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