



E79 GOLD MINES

Money in the Ground

AMEC WA Investor Briefing - 1 October 2024

DISCLAIMER

This presentation contains only an overview of E79 Gold Mines Limited ("E79" or the "Company") and its activities and operations. The contents of this presentation, including matters relating to the geology and exploration potential of the Company's projects, may rely on various assumptions and subjective interpretations which it is not possible to detail in this presentation and which have not been subject to any independent verification.

This presentation contains a number of forward-looking statements. Known and unknown risks and uncertainties, and factors outside of the Company's control, may cause the actual results, performance and achievements of the Company to differ materially from those expressed or implied in this presentation.

To the maximum extent permitted by law, E79 does not warrant the accuracy, currency or completeness of the information in this presentation, nor the future performance of the Company, and will not be responsible for any loss or damage arising from the use of the information.

The information contained in this presentation is not a substitute for detailed investigation or analysis of any particular issue. Current and potential investors should seek independent advice before making any investment decision in regard to the Company or its activities.

The information in this presentation that relates to E79 exploration results is based on information compiled by Mr Ned Summerhayes, a Competent Person who is a member of the Australian Institute of Geoscientists. Mr Summerhayes is a full-time employee, a shareholder and an option holder of the Company. Mr Summerhayes has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Summerhayes consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Previously Reported Information: The information in this announcement that references previously reported exploration results is extracted from the Company's ASX market announcements released on the date noted in the body of the text where that reference appears. The previous market announcements are available to view on the Company's website or on the ASX website (www.asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

CORPORATE



Non-Executive Chair

Chris Cairns

Non-Executive Director

Deborah Lord

Non-Executive Director

Peter Ironside

Chief Executive Officer

Ned Summerhayes

Company Secretary

Amanda Sparks

Board and Management Holding

~12%

\$0.028

Share Price

102,162,634

Shares on Issue

\$2.86M

Market Capitalisation

\$0.76M

Enterprise Value

\$2.10M

Cash on Hand
(30 Jun 2024)

37%

Top 20 Shareholders

OVERVIEW



GOOD MANAGEMENT

Track record of discovery and successful development

- 2008 Explorer of the Year (Integra Mining)
- 2010 Miner of the Year (Integra Mining)
- 2020 Craig Oliver Award Winner (Stavely Minerals)
- 2023 AUSIMM Presidents Award (Deborah Lord)



GOOD STRATEGY

'Money in the ground', applied technology in exploration leading to discovery



GOOD GROUND

Three sizeable projects in prolific 'world-class' locations, prospective for gold and copper



SHAREHOLDER VALUE

A history of delivering for Shareholders

STRATEGY

- Underexplored parts of endowed provinces
- Large land holdings
- Methodical modern exploration
- Spend the money in the ground
 - Drilling, Drilling, Drilling
- Current shift in strategy
 - More advanced project
 - Near term economic gain
- Continually look for new projects/acquisitions that fit with E79 strategy



PROJECTS

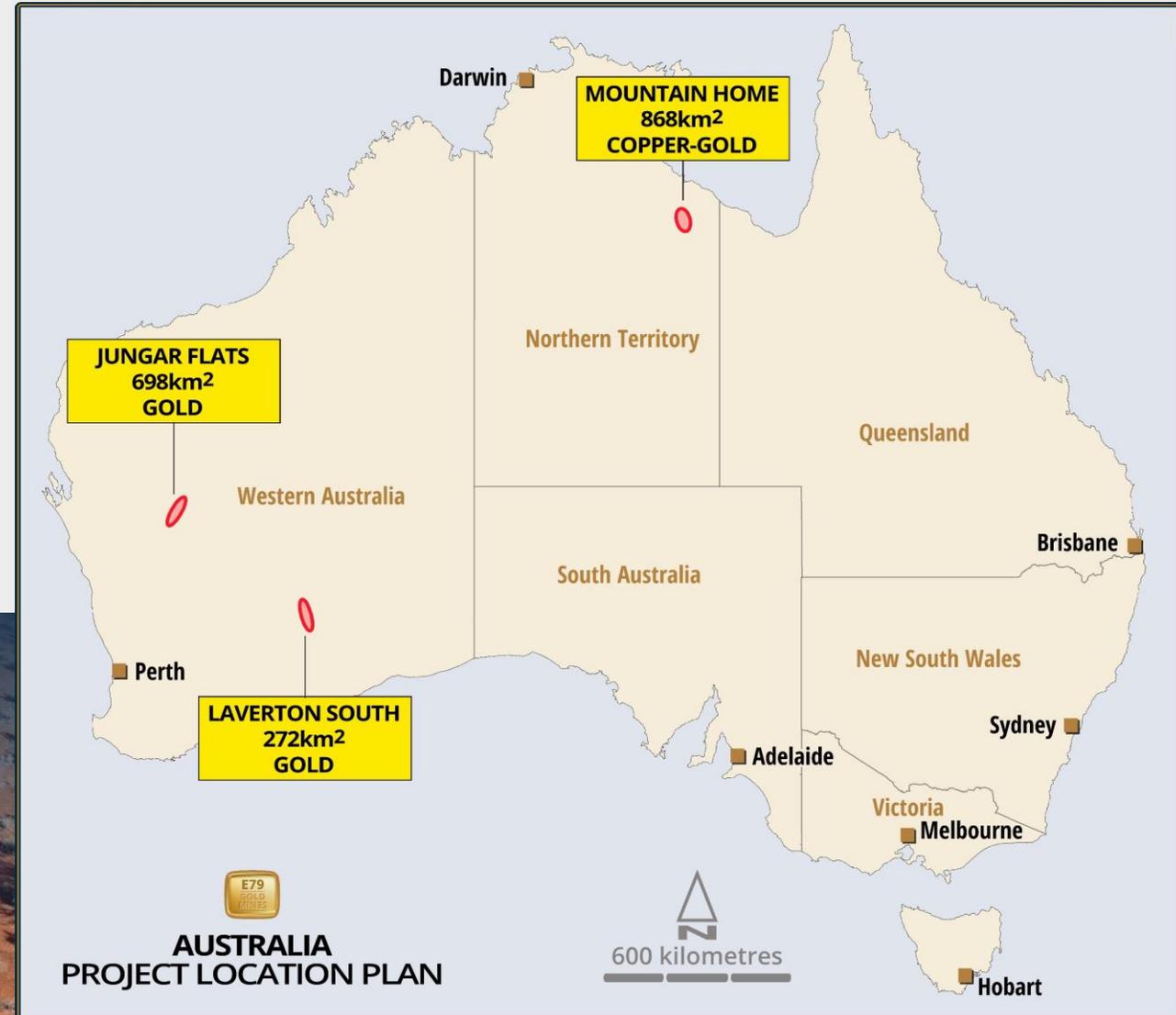
THREE EXPLORATION PROJECTS IN AUSTRALIA



868km² of tenure within the endowed McArthur Basin, prospective for copper and gold

272km² of tenure in the Laverton Tectonic Zone - one of the world's most prolific gold belts ~30Moz

698km² of tenure in the Murchison Goldfields – ~30Moz of gold endowment



PROJECTS

MOUNTAIN HOME PROJECT



Early stage copper and gold exploration with 868km² of tenure within the endowed McArthur Basin (NT)

High grade rock-chip samples (15) with copper values including¹; **45.5%**, **39.8%**, **38.4%** and **30.0%** Cu.
Gold values including **11.75 g/t**, **1.72 g/t**, **1.33 g/t** Au

Mineralised outcrop mapped over 1000m, with coincident copper and gold in soil samples

1. Refer to E79 ASX Announcement 26 July 2024

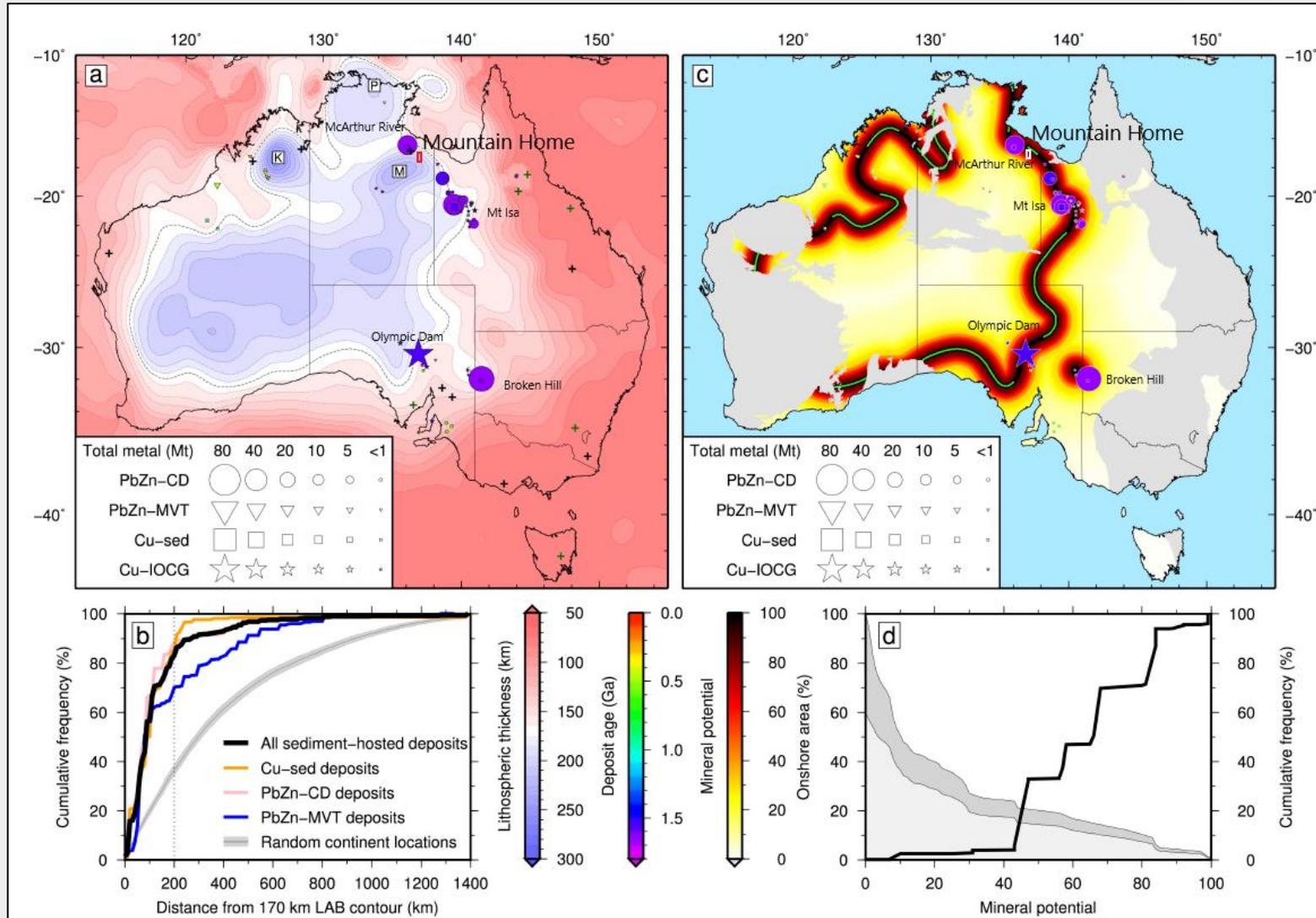
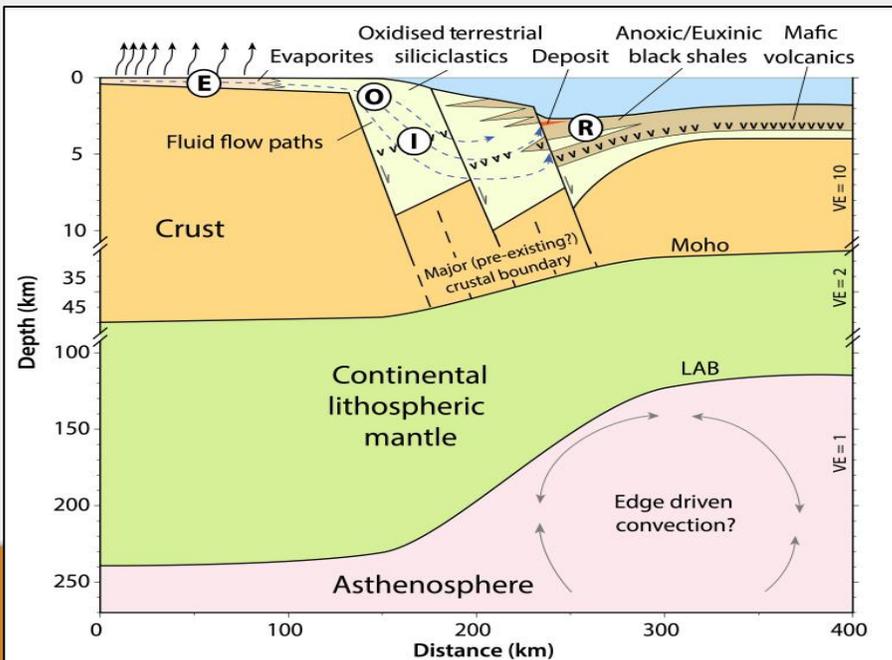


MOUNTAIN HOME PROJECT



Research by Geoscience Australia has linked Australia's large sedimentary base metal deposits and IOCG base metals deposits via LAB

The LAB is an Australia wide feature where research indicates that step changes in the depth of lithosphere may be controlling mechanism to form large base metals deposits



Czarnota et al., 2020. Minerals on the edge: sediment-hosted base metal endowment above steps in lithospheric thickness. Exploring for the Future: Extended Abstracts.

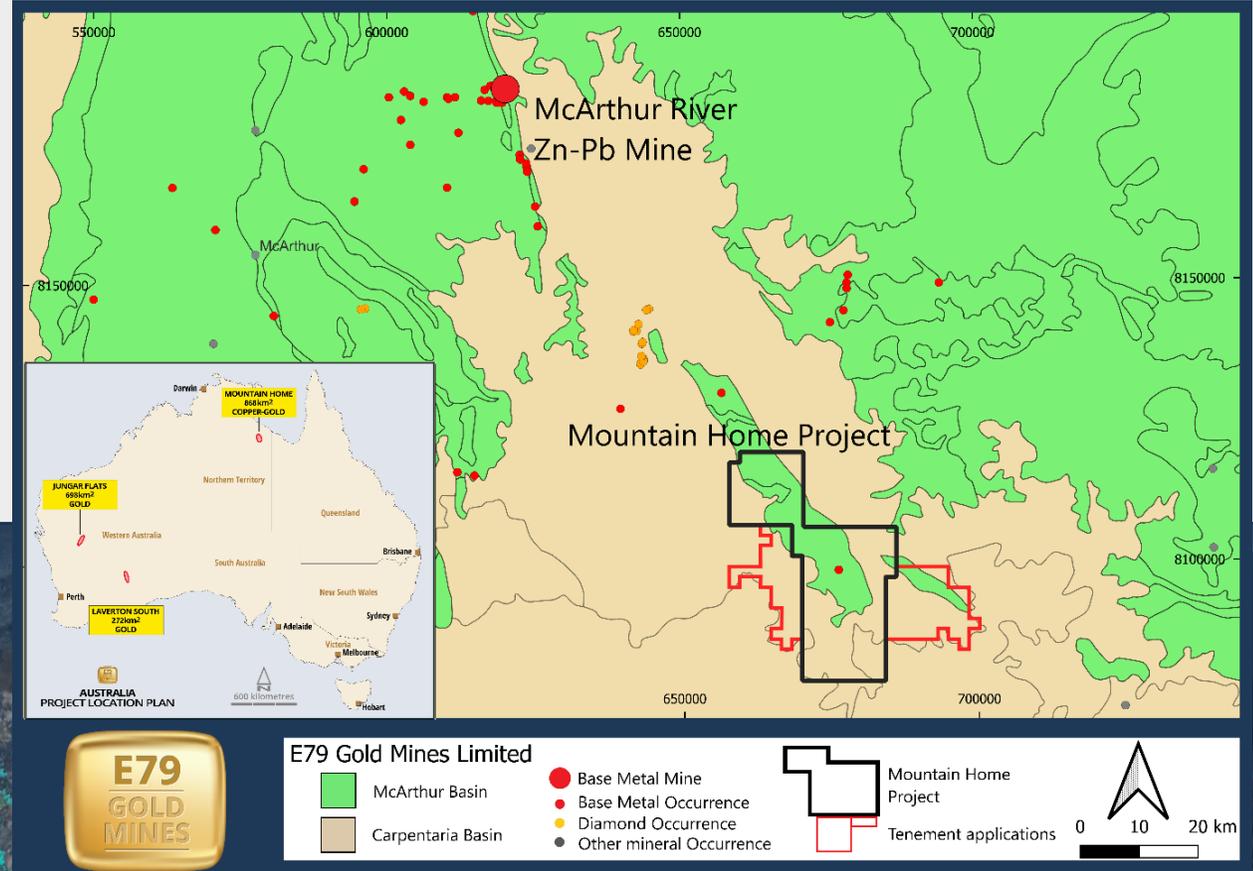
PROJECTS

MOUNTAIN HOME PROJECT



Larger scale soil program imminent, which will include samples to test DetectORE™ suitability

Over upcoming wet season environmental approvals and heritage to be finalised ahead of ground geophysics and drilling in 2025



PROJECTS

LAVERTON SOUTH PROJECT



Relative to the north-central portions of the belt, the southern portion is under-explored

Deposit	Historical Production			Resources						Endowment Ounces
				Meas & Ind			Inf			
	Tonnes (kt)	Grade	Ounces	Tonnes (kt)	Grade	Ounces	Tonnes (kt)	Grade	Ounces	
Granny Smith ¹	-	-	5,100,000	3,581	3.77	434,000	2,067	3.44	229,000	5,763,000
Wallaby ²	-	-	4,500,000	29,990	6.20	5,977,000	8,985	4.41	1,273,000	11,750,000
Sunrise Dam ³	-	-	6,700,000	41,090	2.02	2,670,000	12,550	2.38	960,000	10,330,000
Red October ⁴	1,700	6.1	342,000	324	4.6	48,000	99	15.3	49,000	439,000
Deep South ⁵	2,077	3.1	209,236	1,897	2.7	162,000	1,031	2.3	78,000	449,236
Anglo Saxon ⁶	673	2.4	49,694	449	6.9	99,000	347	5.2	58,000	206,694
Rebecca ⁷	-	-	-	13,600	1.5	640,000	6,800	0.9	200,000	840,000
Duchess ⁸	-	-	-	4,150	0.9	125,000	2,700	0.8	75,000	195,000
Lake Roe ⁹	-	-	-	15,863	1.53	778,000	16,066	1.8	906,000	1,684,000
Rowes Find ¹⁰	-	-	-	-	-	-	148	3.5	17,000	17,000
										31,673,930

1. Production – Icenil Gold Limited Prospectus, 2021, Independent Geologist Report, page 130. Resources – Gold Fields 2020 Mineral Resource & Reserve Supplement to the Integrated Annual Report (IAR).
2. Production – Gold Fields Annexure to the 2020 Mineral Resources and Reserves Supplement. Resources – Gold Fields 2020 Mineral Resource & Reserve Supplement to the IAR.
3. Production – Icenil Gold Limited, Independent Geologist Report, 14 Mile Well Gold Project, page 14. Resources – AngloGold Ashanti 2019 Mineral Resource & Reserve Statement.
4. Production – Mafsa Resources Limited ASX Announcement, 28 March 2018. Resources – Mafsa Resources Limited 2020 Annual Report.
5. Production – Saracen Annual Reports 2017, 2018, 2019. Resources – Saracen Annual Report 2020.
6. Production – Hawthorn Resources Limited 2020 Annual Report. Resources – Hawthorn Resources Limited Mineral Resource Update, 31 January 2020.
7. Resources – Apollo Consolidated Limited 2020 Annual Report.
8. Resources – Apollo Consolidated Limited 2020 Annual Report.
9. Resources – Breaker Resources Limited 2020 Annual Report.
10. Resources – Black Cat Syndicate Limited 2020 Annual Report.



PROJECTS

LAVERTON SOUTH PROJECT



- Pinjin 100% owned
- Lake Yindana 100% Owned



Rebecca Gold Project

+1.2 Moz resource
(Ramelius Resources 12/4/22)



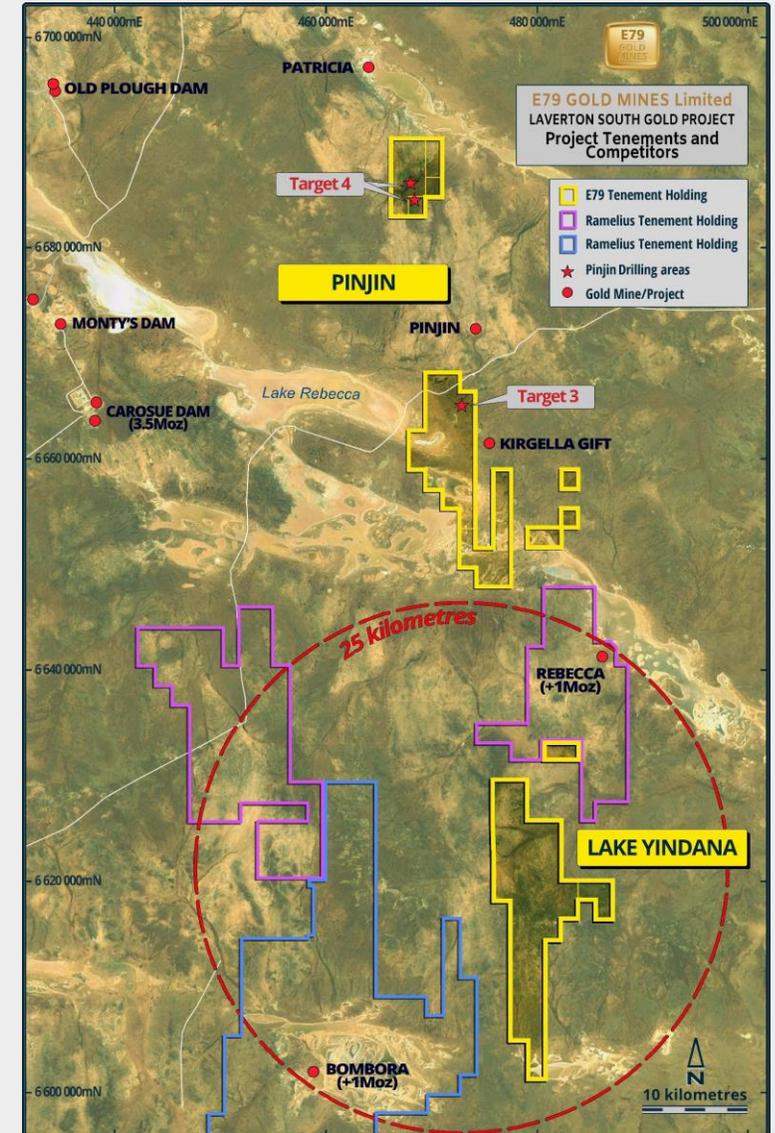
Lake Roe Gold Project

+1.7 Moz resource
(Ramelius Resources 20/3/23)



Carosue Dam

+4 Moz endowment
(Northern Star 3/5/22)



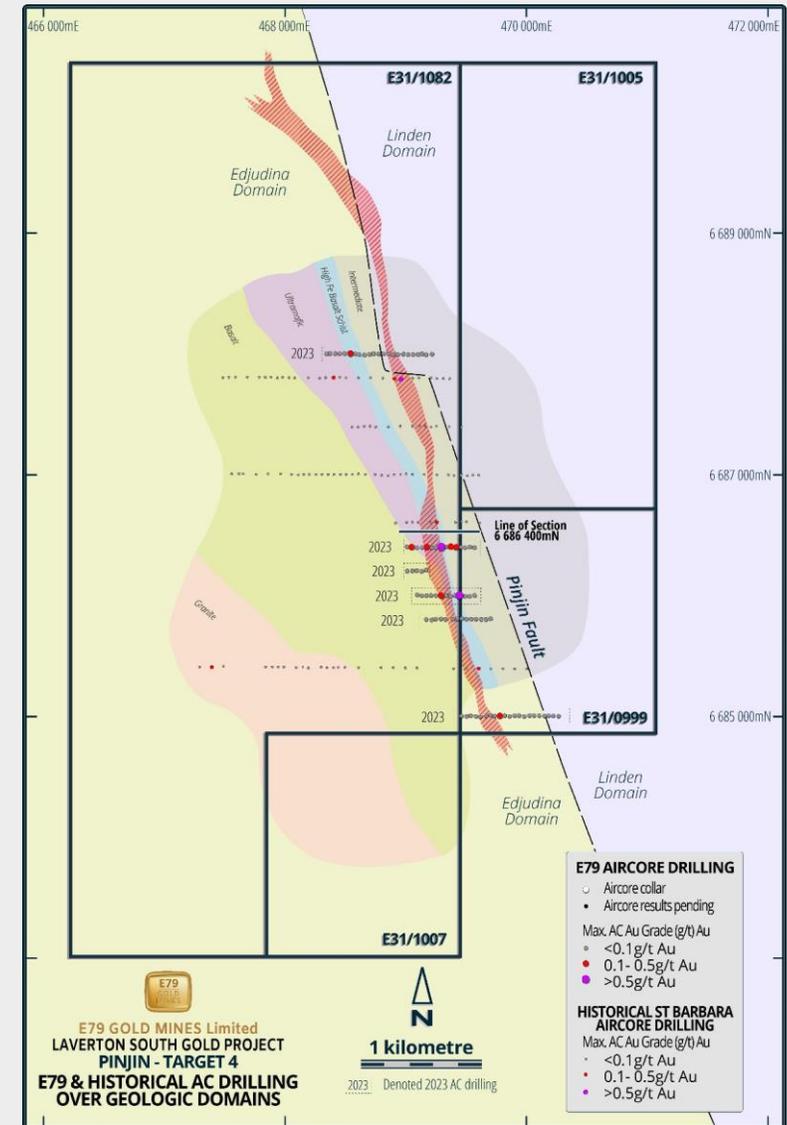
PINJIN: Work to date



- 350km² of gravity surveys
- 1,000 soil samples
- ~60,000m of drilling
- 2 main prospects, Target 3 and Target 4
 - Prospective geology – large scale structures, gold on lithological contacts
 - De-magnetised stratigraphy – gold bearing hot fluids
- Significant results
 - Target 3 - Multiple +1g/t drill intersections over 2km strike and down to ~200m depth²
 - Target 4 - Significant Results from the AC programs include³:
12m @ 1.12g/t Au from 68m (23LRAC163), including: 4m @ 1.79g/t Au from 72m
- Ongoing work will focus on developing and testing new targets and deeper drilling at Target 4

²Refer to E79 ASX Announcement 27 July 2023

³Refer to E79 ASX Announcement 7 September 2023

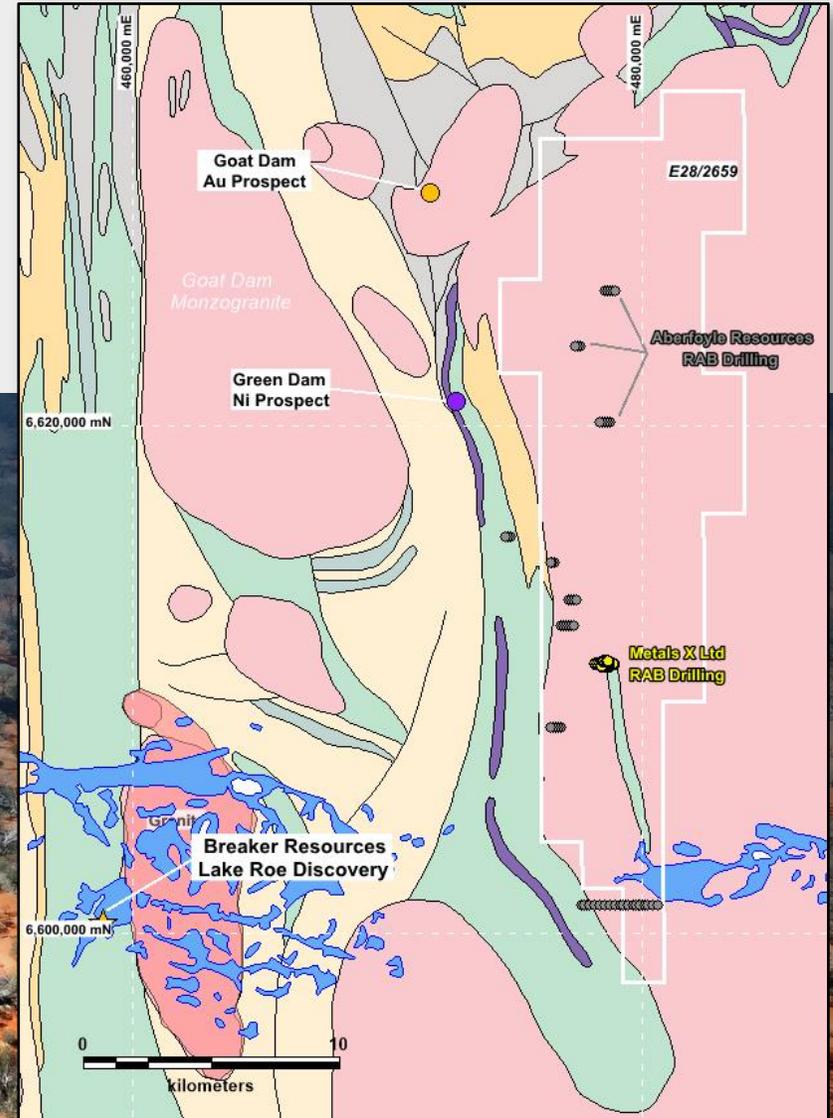
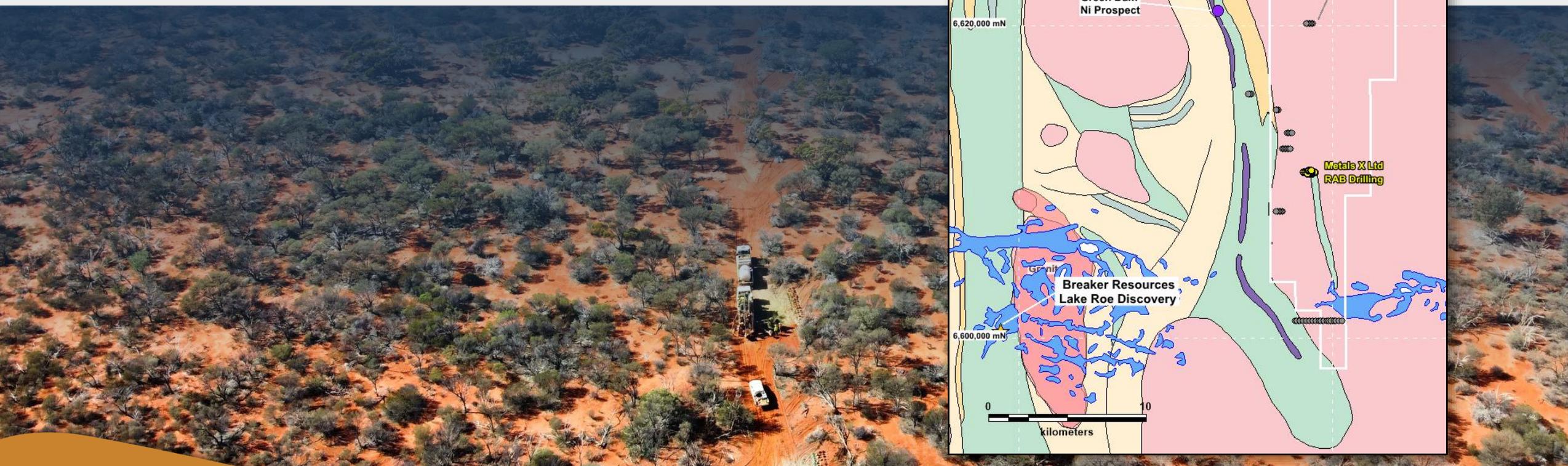


PROJECTS

LAVERTON SOUTH PROJECT – LAKE YINDANA



- First-mover opportunity
- GSWA maps show the tenement is underlain by less prospective granite (not correct)
- Discouraged historic exploration – only 65 RAB drill holes, huge areas not explored

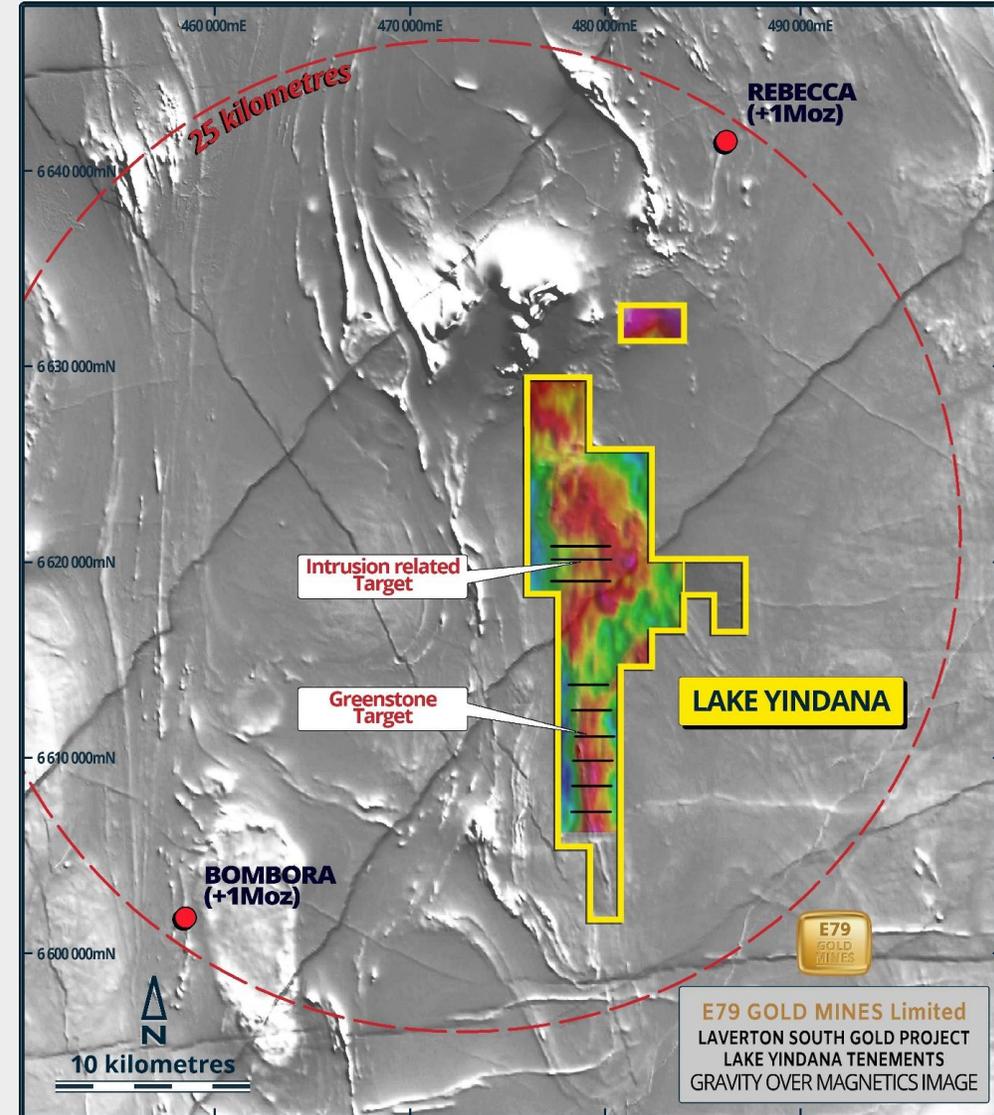


PROJECTS

LAVERTON SOUTH PROJECT – LAKE YINDANA



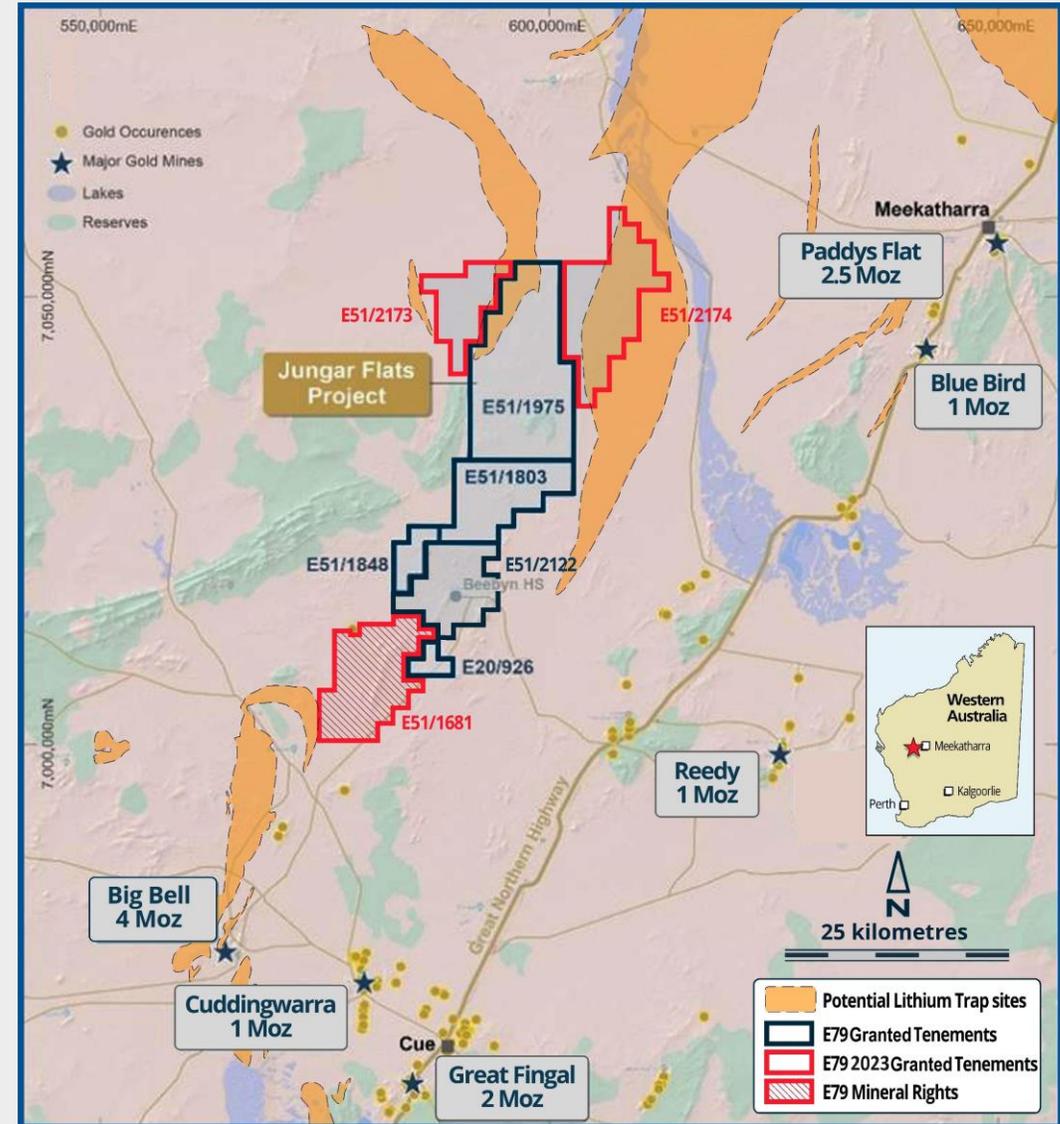
- Corroborating magnetics and gravity show that the tenement is underlain by ~25km of gold and nickel prospective greenstones that are effectively un-explored
- Regional 10,000m aircore program tested ~10km of the 25km of greenstone
 - Prospective greenstone geology intersected
 - No anomalies detected
- Future work to focus on remaining untested greenstone and domal targets in the far north of the tenement package



MURCHISON PROJECT - JUNGAR FLATS



- 698km² of tenure containing early stage exploration targets
- Murchison Goldfields +30 million ounces gold endowment
- ~60km of strike along the Big Bell Shear and associated structures
- New acquisitions to the south which increased our tenure over the deep-tapping Big Bell Shear associated with the large deposits in the region
- Region is well-endowed with gold and magnetite iron-ore
- Prospective for base metals, lithium, platinum group elements



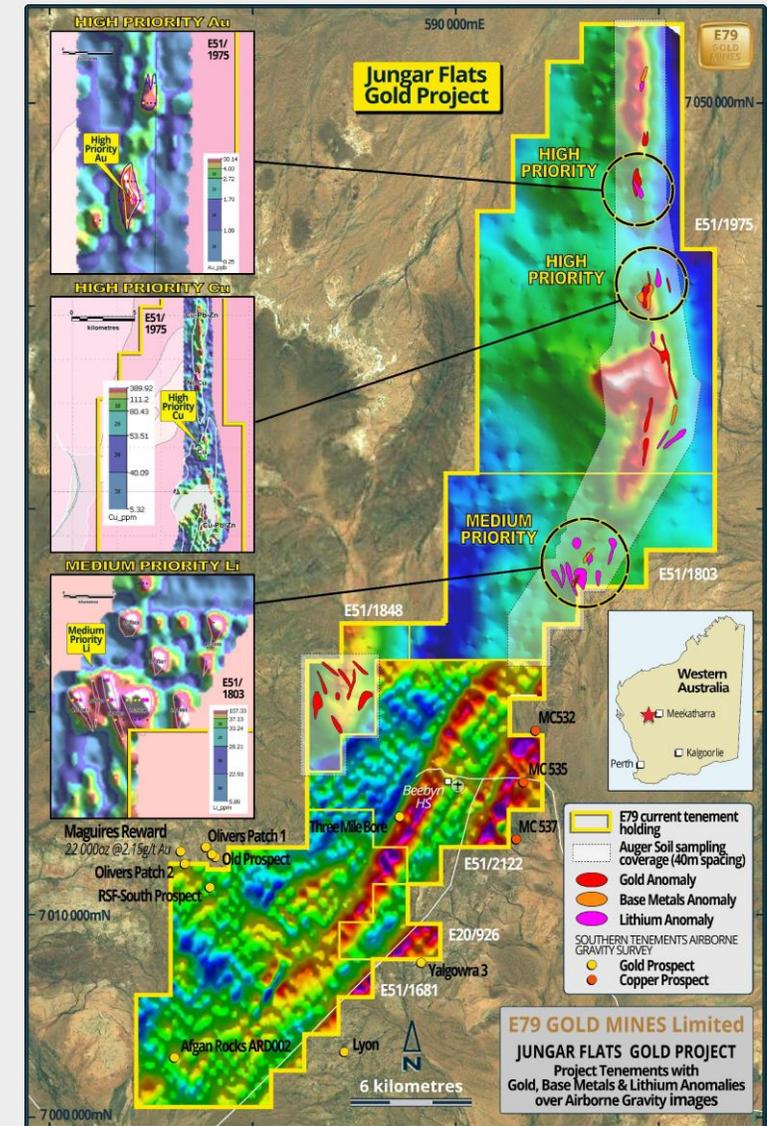
JUNGAR FLATS PROJECT



- Large-scale gravity survey completed over northern area in 2022 and southern area in 2023
- New targets identified and first-pass soil auger completed
 - 45km of greenstone tested by ~4,000 sample auger program
 - Independently reviewed results show multiple targets for follow-up⁵
 - Gold, copper and lithium
- All targets sit within prospective greenstone rocks of which the southern 15km was previously unrecognised
- Historic base metals exploration on outcropping gossans associated with eastern greenstone
- Proximal to known gold resources at Maguires Gold Project, 22,000 ounces Au at 2.15 g/t⁶
- Next stage of exploration strategy will be auger sampling over prospective units

5 Refer to E79 ASX Announcement 17 May 2023

6 Refer to OZZ Resources ASX Announcement 19 April 2024



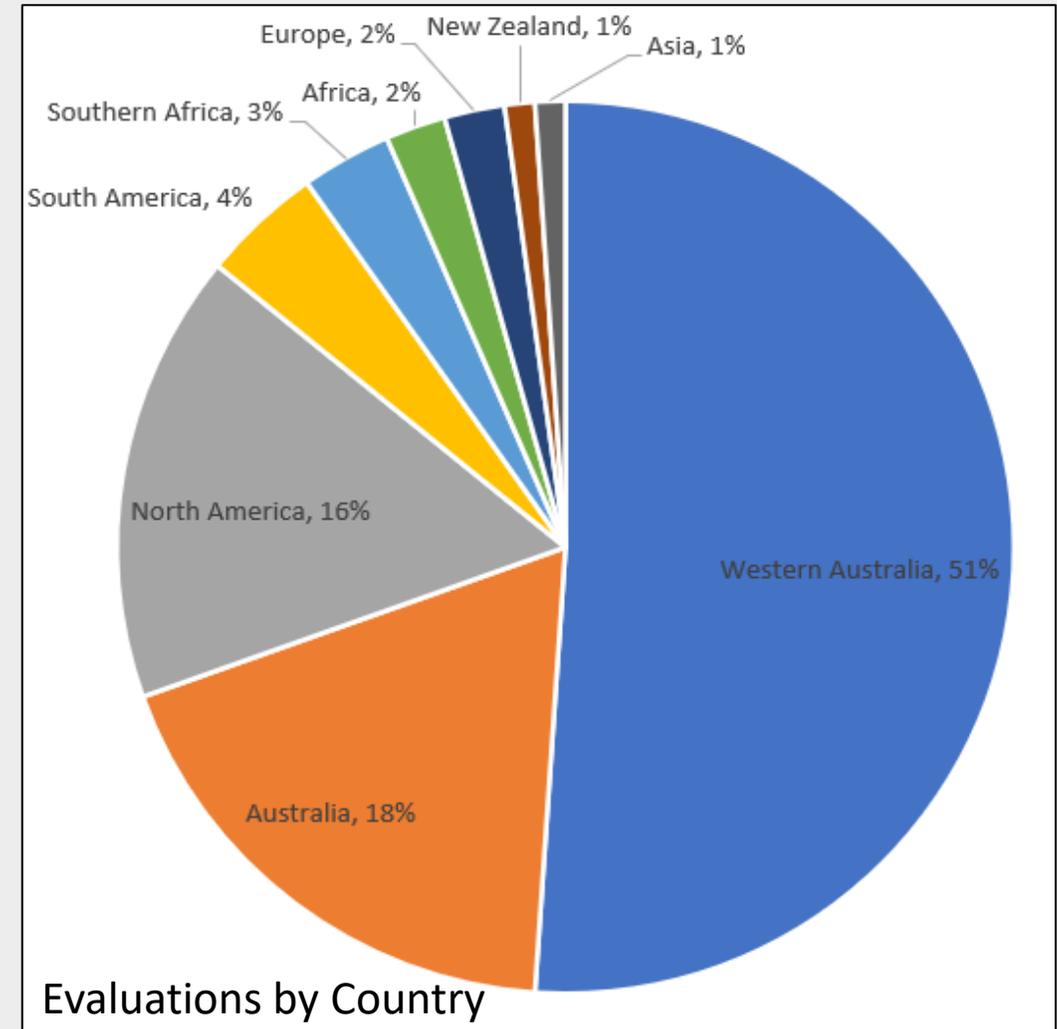
- Given the distinct lack of previous exploration, effectively E79 has a 'first-mover' opportunity in the exploration portfolio

'...the largest deposits in any particular search space are usually found early because they generally have the most obvious signatures.'

And '...the key to exploration success is being the first, or very early, into a new search space'.

Dr Jon Hronsky

- E79 realises that in current market, having an advanced project or scalable discovery is key to increasing shareholder wealth
- Worldwide and multiple commodity search ongoing, with ~100 projects evaluated, with a strong preference for Australia (69%) and gold (48%) and base metals (22%)
- Leverage off the experience of the board
- Advanced discussions held with a number of companies which share the following traits;
 - Mineral resources
 - Historic production
 - Proximity to milling infrastructure
- The search is ongoing



SUMMARY



GOOD MANAGEMENT

Track record of discovery and successful development

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- 2010 Miner of the Year (Integra Mining)
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- 2023 AUSIMM Presidents Award (Deborah Lord)



GOOD STRATEGY

'Money in the ground', applied technology in exploration leading to discovery



GOOD GROUND

Two sizeable projects in prolific 'world-class' greenstone belts



SHAREHOLDER VALUE

A history of delivering for Shareholders



E79
GOLD
MINES

E79 GOLD MINES

Committed to a sustainable future

Thank you

Money in the ground