

An aerial photograph of a mining landscape. A winding dirt road leads from the bottom left towards a large, circular, sandy pit in the center. The surrounding terrain is covered with sparse, low-lying vegetation and scattered trees. The lighting suggests a late afternoon or early morning setting, with long shadows and warm tones.

E79
GOLD
MINES

E79 GOLD MINES

Money in the Ground

RIU Resurgence 23 November 2023

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.

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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.

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

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



SHAREHOLDER VALUE

A history of delivering for Shareholders

STRATEGY

- Underexplored parts of endowed greenstone belts
- Large land holdings
- Originating new targets never seen by previous explorers – E79 looks for new opportunities of scale, not re-drilling old prospects that never made it in 3 previous booms!
- Methodical modern exploration
- Spend the money in the ground
 - Drilling, Drilling, Drilling
- Continually look for new projects/acquisitions that fit with E79 strategy



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

\$0.074
Share Price

81,334,083
Shares on Issue

\$6.0M
Market
Capitalisation

\$3.3M
Cash on Hand
(30 Sep 2023)

\$2.7M
Enterprise
Value

~12.8%
Board and
Management
Holding

\$1.2M
JMEI Credits
Available

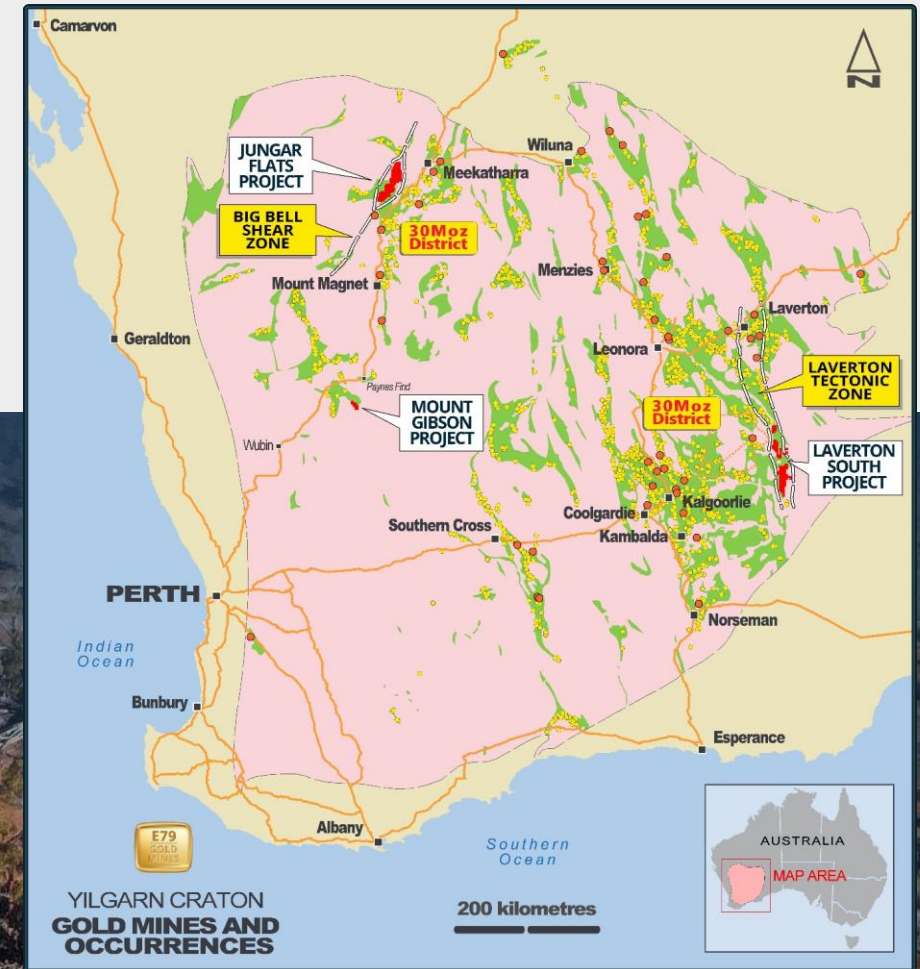
38%
Top 20
Shareholders

PROJECTS

TWO FLAGSHIP PROJECTS IN THE EASTERN GOLDFIELDS OF WESTERN AUSTRALIA

271 km² 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 endowment



PROJECTS

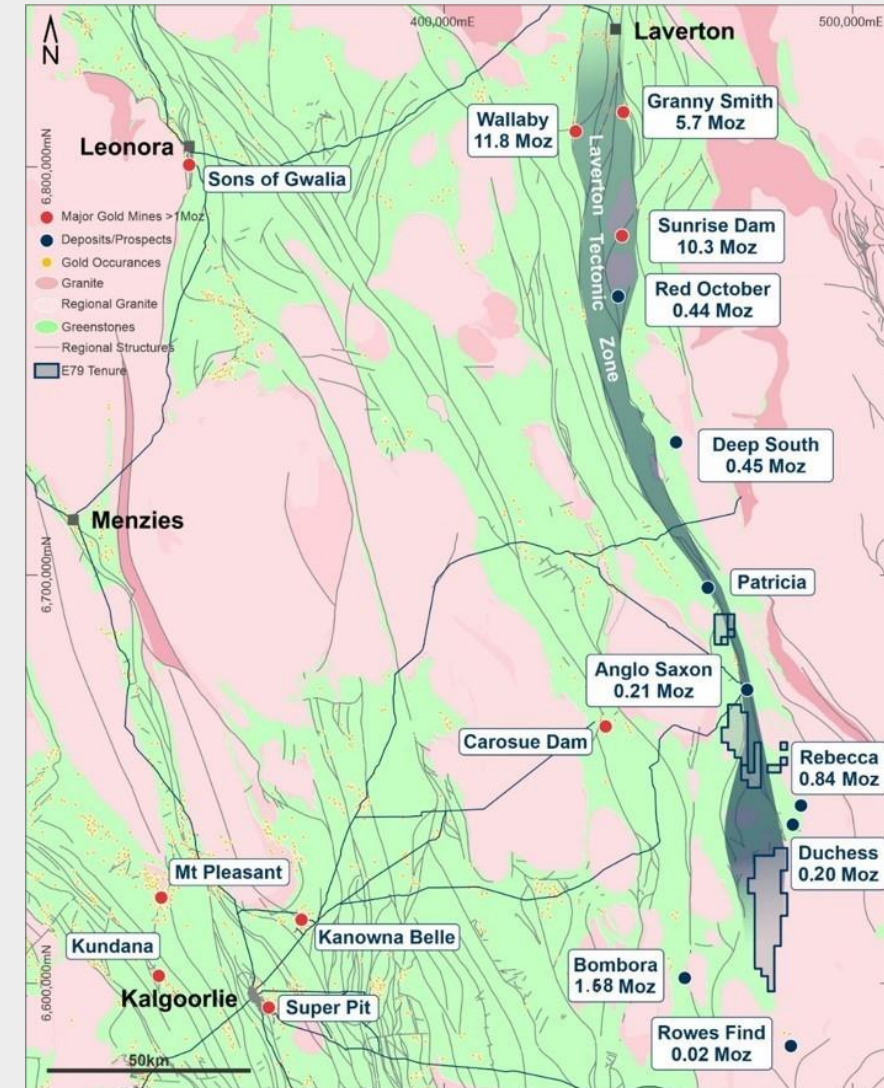
LAVERTON SOUTH PROJECT



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

Deposit	Historical Production			Resources						Endowment
				Meas & Ind			Inf			
	Tonnes (kt)	Grade	Ounces	Tonnes (kt)	Grade	Ounces	Tonnes (kt)	Grade	Ounces	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 – Icen 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 – Icen Gold Limited, Independent Geologist Report, 14 Mile Well Gold Project, page 14, Resources – AngloGold Ashanti 2019 Mineral Resource & Reserve Statement.
4. Production – Matsa Resources Limited ASX Announcement, 28 March 2018, Resources – Matsa 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

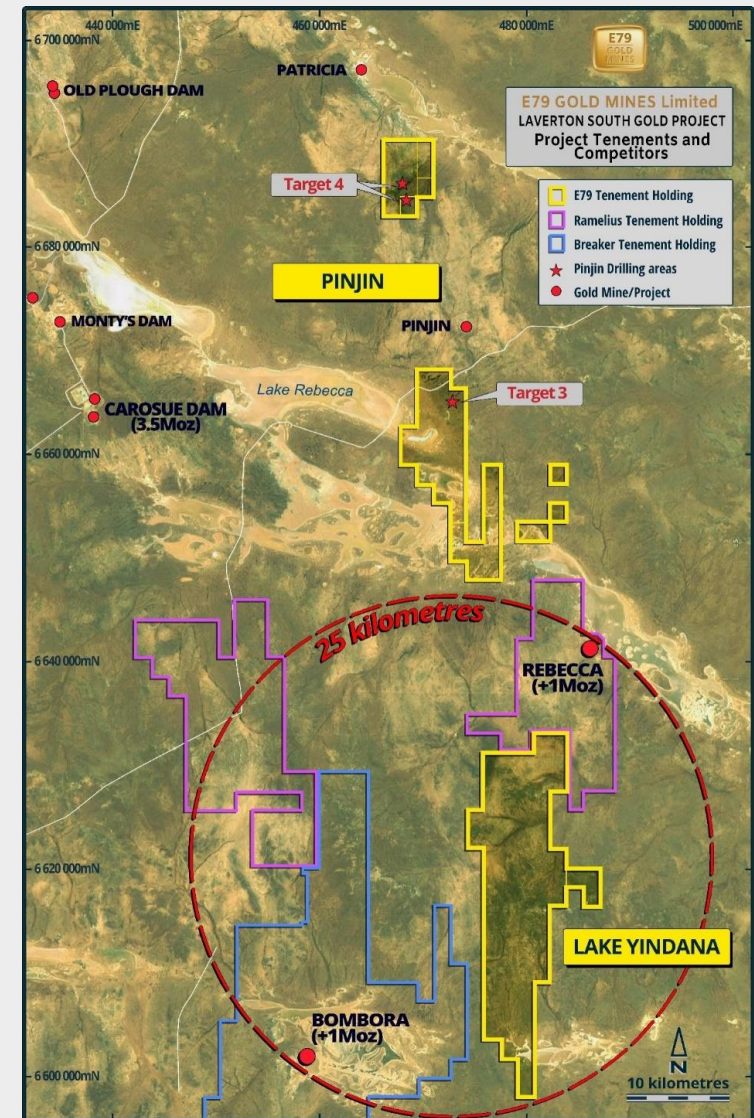
(Ramelius Resources 20/3/23)



Carosue Dam

+4 Moz endowment

(Northern Star 3/5/22)



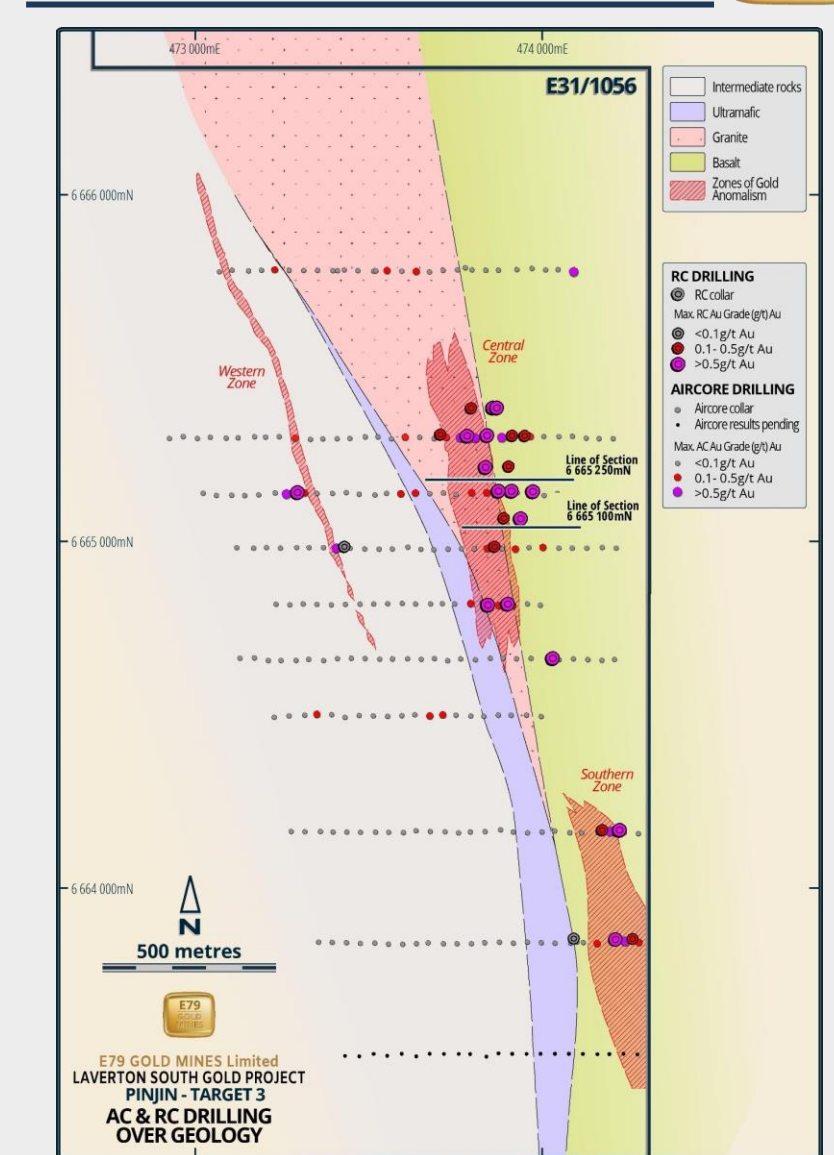
PROJECTS

PINJIN: Work to date

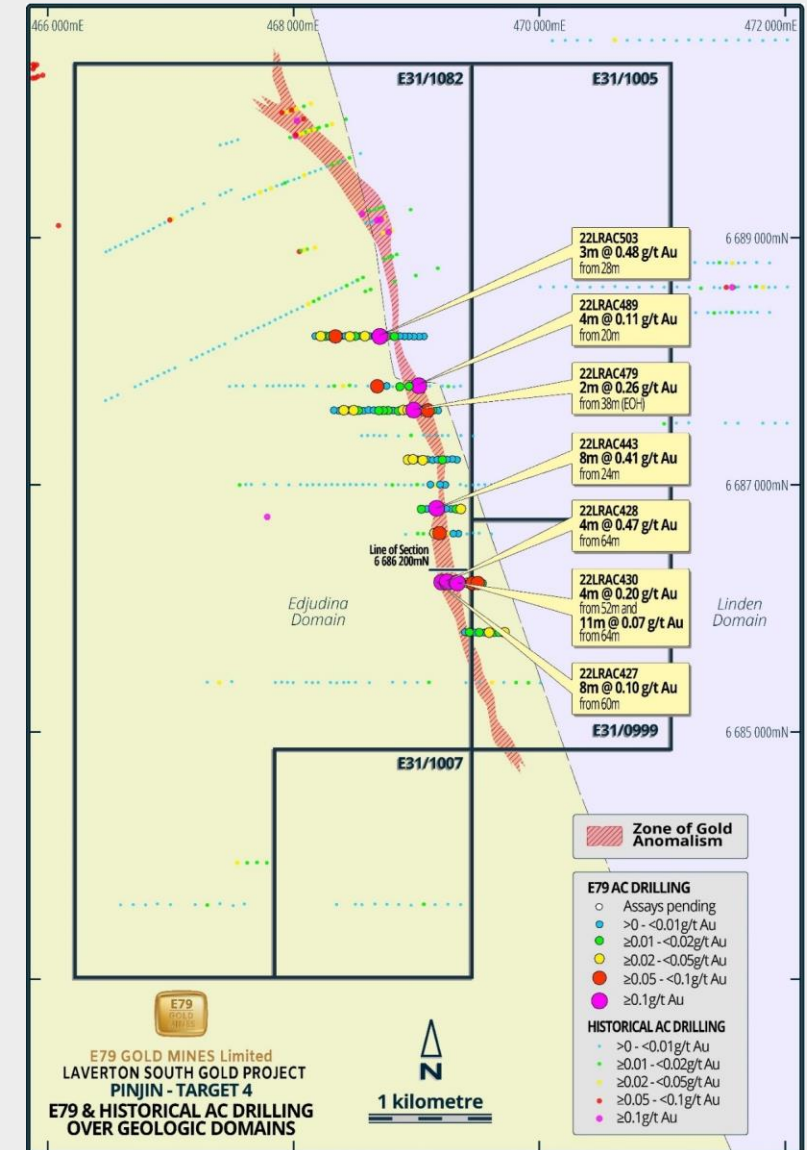


- 350km² of gravity surveys
- 1,000 soil samples
- >50,000m of drilling
- 2 main prospects, Target 3 and Target 4
 - Prospective geology – large scale structures, gold on lithological contacts
 - De-magnetised stratigraphy – gold bearing hot fluids
 - Evidence of large-scale fluid flow
 - Gold pathfinder elements suggest a mineralised fluid
- Significant results at Target 3
 - Multiple +1g/t drill intersections over 2km strike and down to 200m depth
 - Most recent RC drilling hit highest grades to date¹
 - Open in all directions

¹Refer to E79 ASX Announcement 27 July 2023

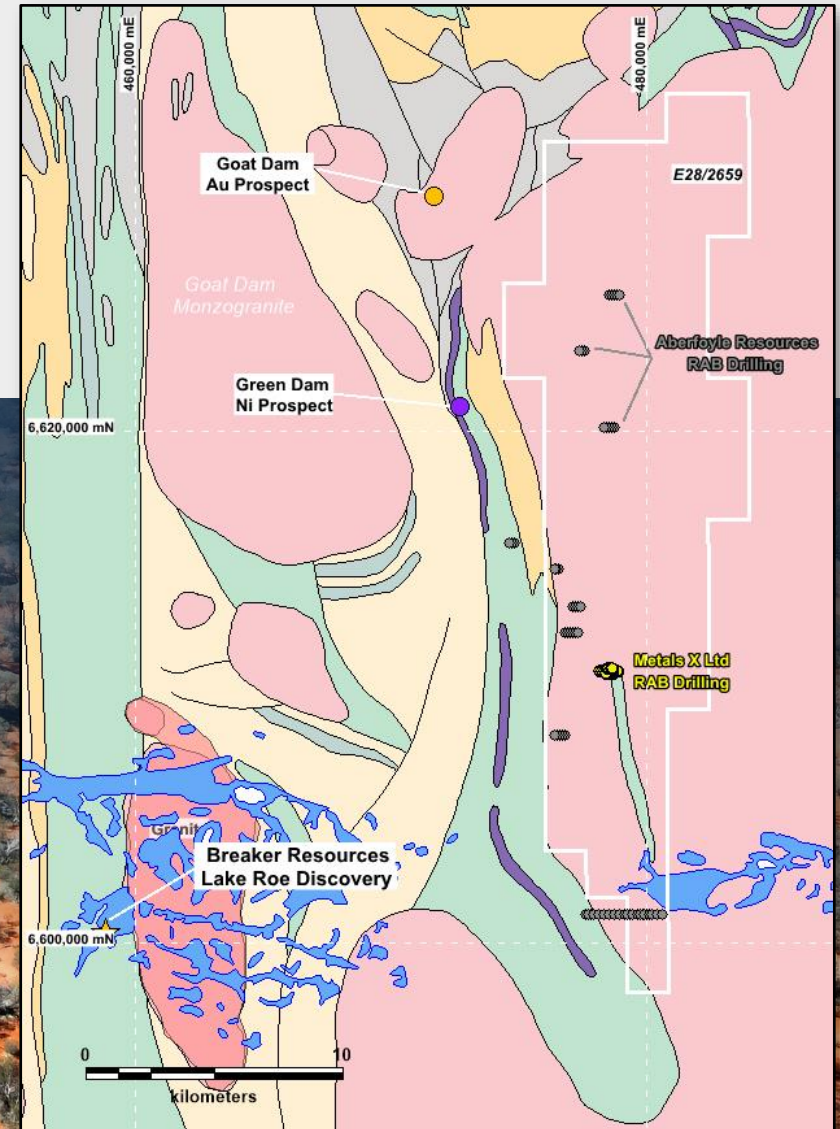
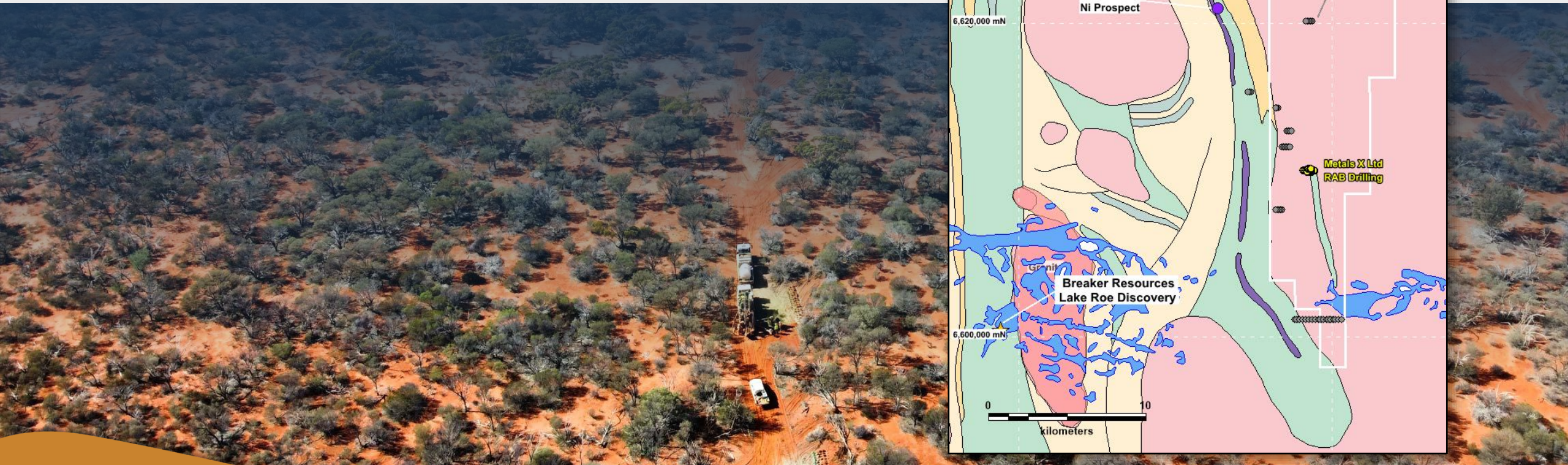


- Within a 30km long regional gold trend, the Pinjin Fault
- The Pinjin Fault forms a geological domain boundary and extends south through the historic Pinjin Goldfield and north to the historic high-grade Patricia open pits
- Significant Results from the recent AC program include:
 - **12m @ 1.12g/t Au** from 68m (23LRAC163), including: 4m @ 1.79g/t Au from 72m
 - 11m @ 0.17g/t Au from 64m (23LRAC160)
 - 8m @ 0.32g/t Au from 80m (23LRAC141)
- Next phase of exploration is to test at depth



LAVERTON SOUTH PROJECT – LAKE YINDANA

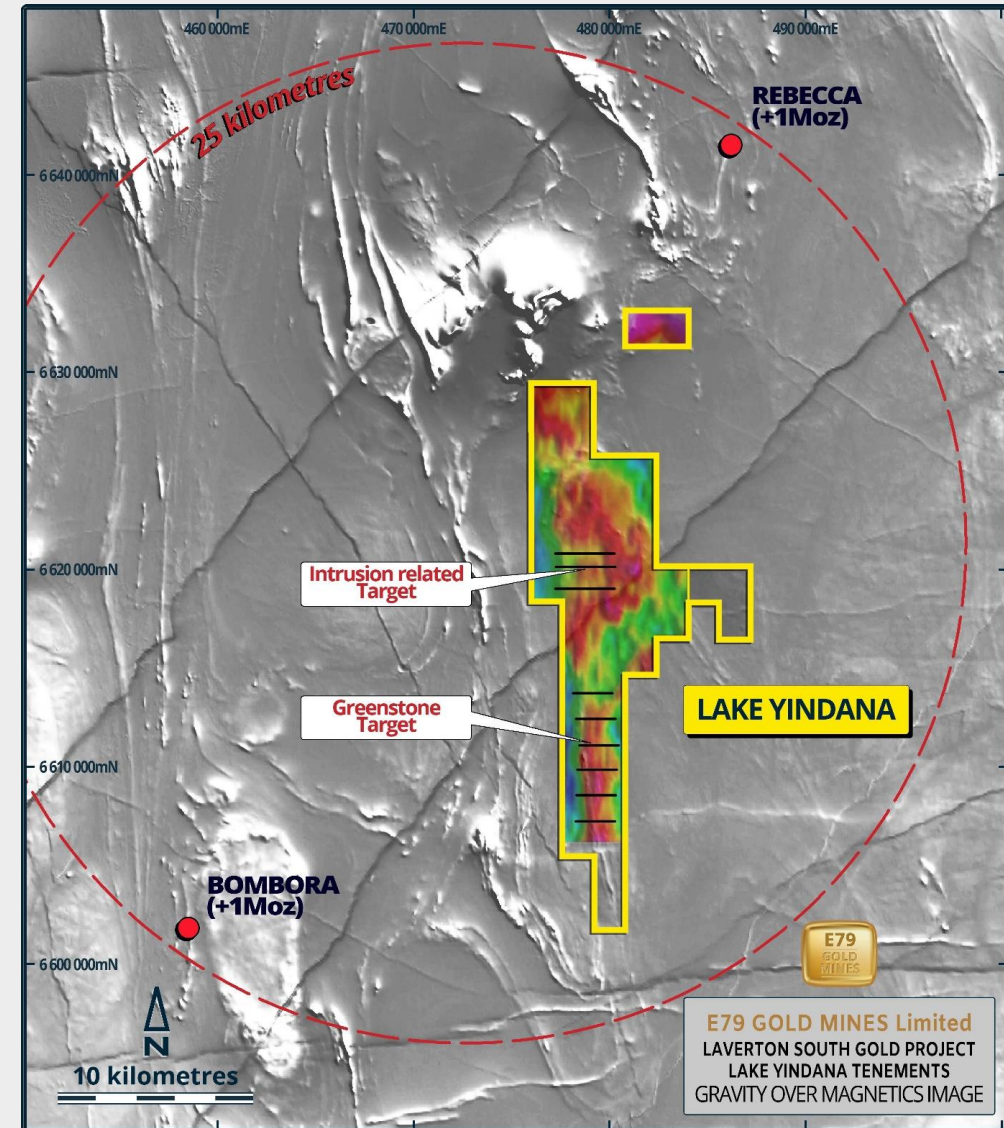
- First-mover opportunity
- GSWA maps show the tenement is underlain by less prospective granite (not correct)
- Discouraged historic exploration – only 65 RAB drill holes, huge areas not explored



PROJECTS

LAVERTON SOUTH PROJECT – LAKE YINDANA

- Magnetics and recently acquired gravity clearly show that the tenement is underlain by ~25km of gold and nickel prospective greenstones that are effectively un-explored
- Current 10,000m aircore program underway
 - Intrusion target drilling complete
 - Greenstone target underway, expected completion this month
- Greenstones identified in drilling
- Multi-element analysis will test for gold, base metals, nickel, rare earths, lithium
- Results due back in early 2024



LAVERTON SOUTH PROJECT – LAKE YINDANA



- Magnetics and gravity clearly show that the tenement is underlain by ~25km of greenstones – essentially un-explored
- Given the distinct lack of previous exploration, effectively E79 has a 'first-mover' opportunity in the southern portion of the Laverton Tectonic Zone with proven world-class gold endowment

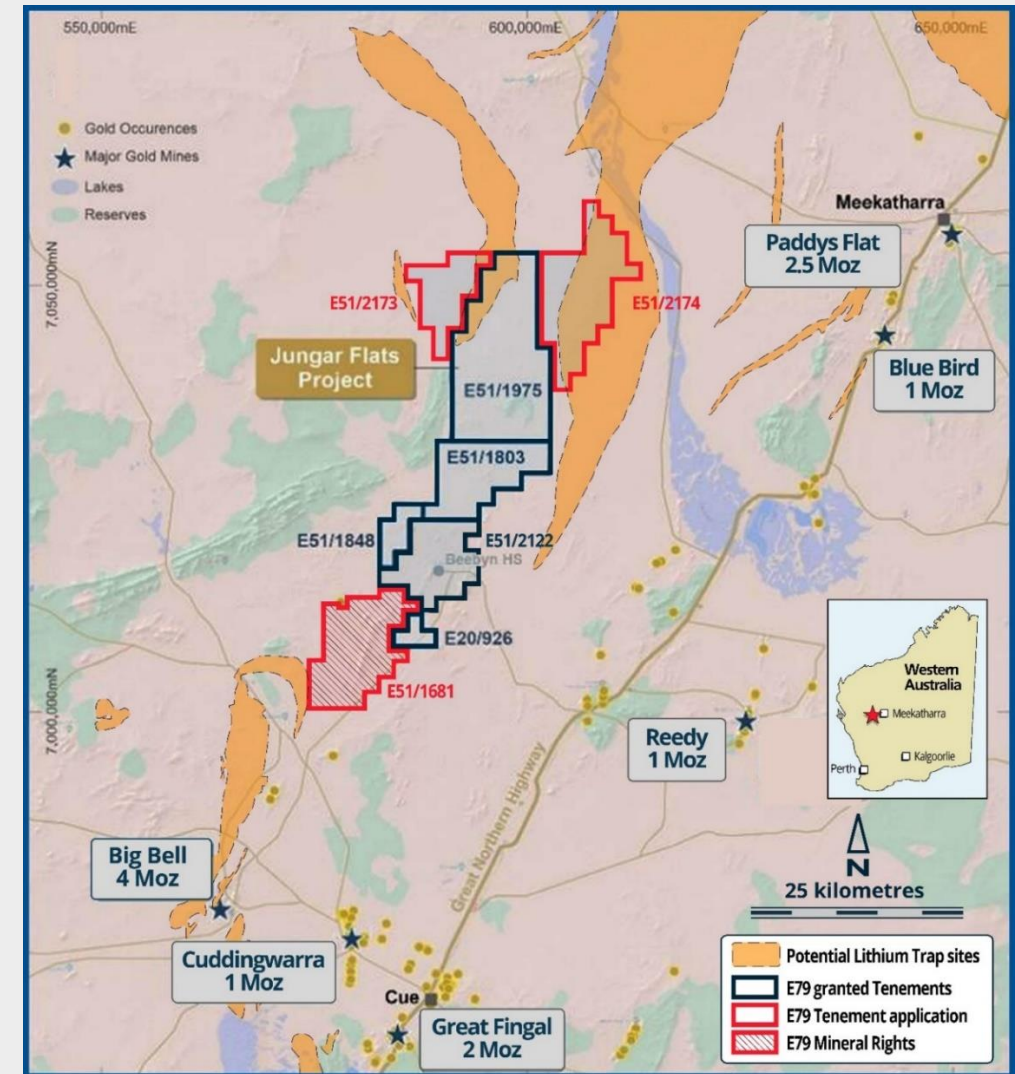
'...the largest deposits in any particular search space are usually found early because they generally have the most obvious signatures.'

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

Dr Jon Hronsky

MURCHISON PROJECT - JUNGAR FLATS

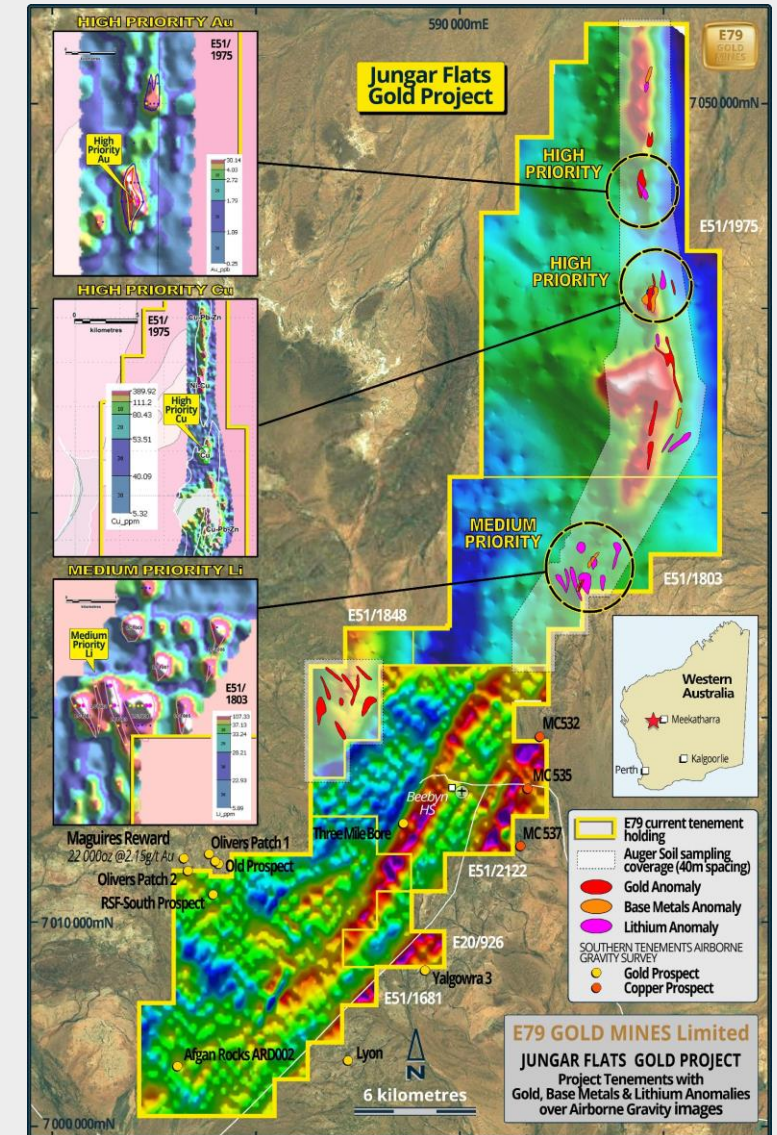
- 698km² of tenure containing early stage exploration targets
- Murchison Goldfields +30 million ounces gold endowment
- ~60km of strike along the Big Bell Shear and associated structures
- New acquisitions to the south which increased our tenure over the deep-tapping Big Bell Shear associated with the 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



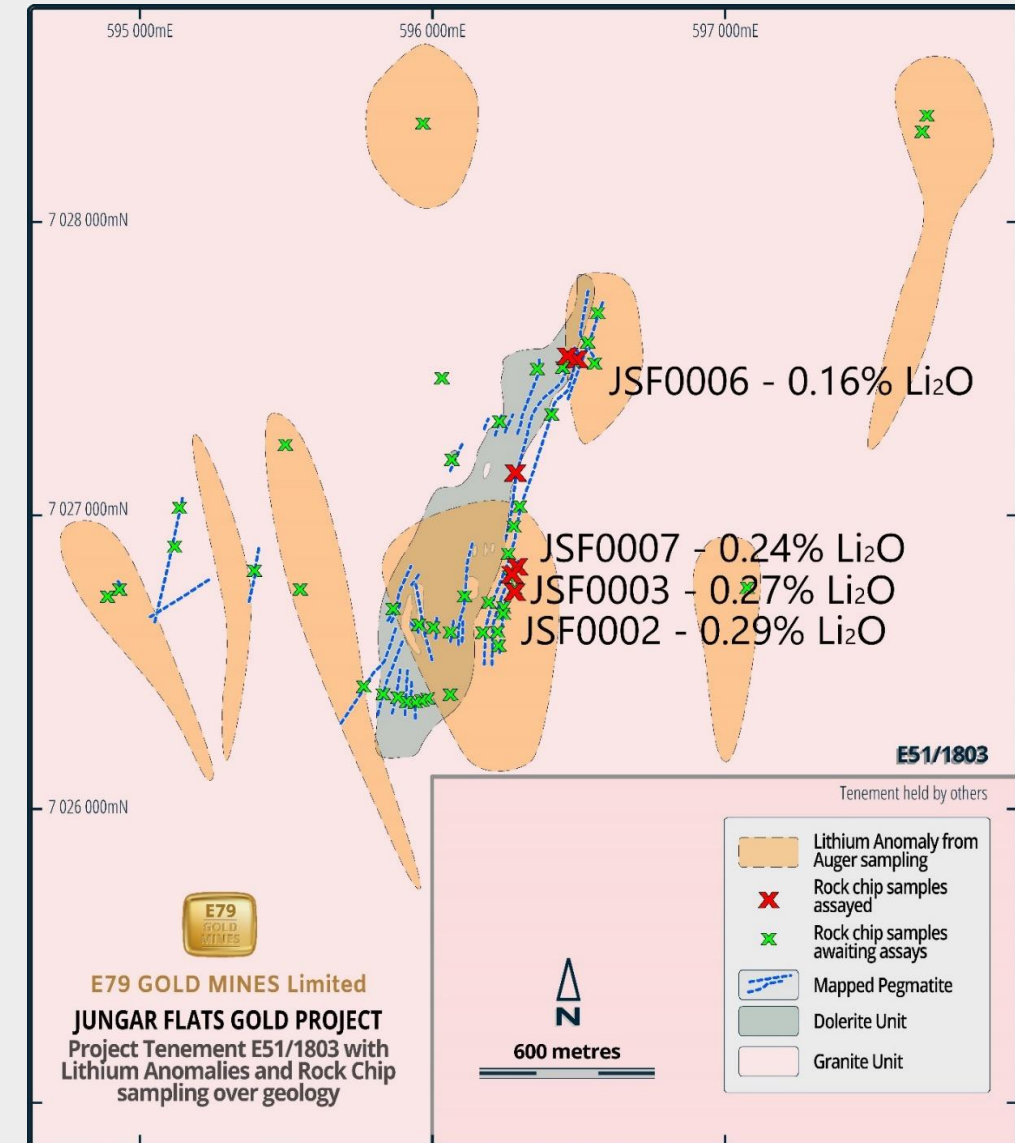
- Large-scale gravity survey completed over northern area in 2022
- New targets identified and first-pass soil auger completed
 - 35km of greenstone tested by ~3,000 sample auger program
 - Independently reviewed results show multiple targets for priority follow-up including:
 - High-priority gold target, 800m long with strong multi-element support – target not previously known to previous explorers
 - High priority copper target – also a new target
 - Medium priority lithium target – cluster of anomalies
- All targets sit within prospective greenstone rocks



JUNGAR FLATS AUGER



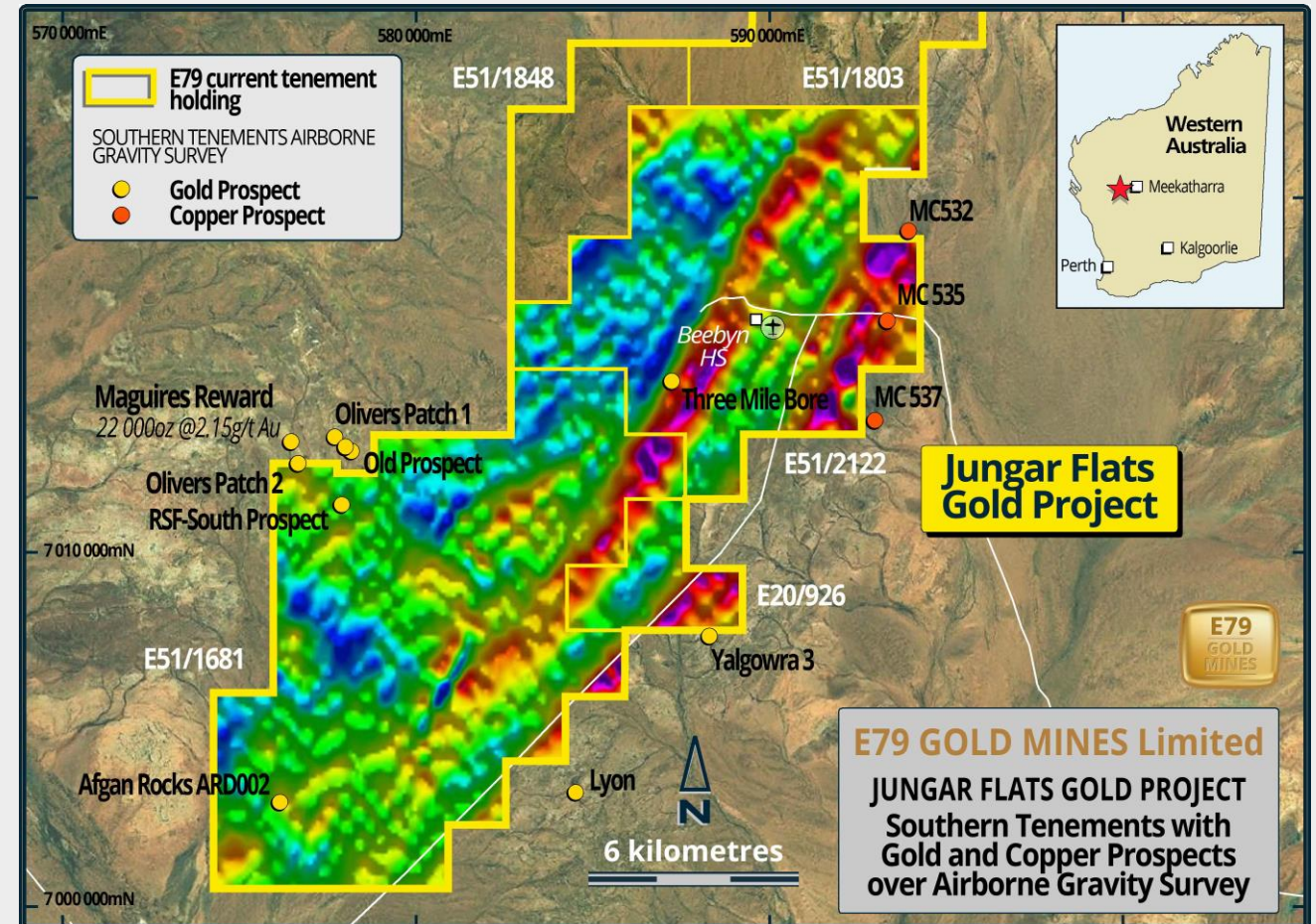
- Follow up work identified the cause of the lithium anomaly from the auger program
- Swarm of pegmatites mapped and sampled
 - Results up to 0.29% Li₂O from rock chip samples in southern area tested
 - Coherent anomaly mapped over 600m, constrained by outcrop
 - Northern area tested shows low Rb/K ratio's indicating a fractionated source
 - More work to do to delineate further potential pegmatites
- Next phase of work will be to undertake appropriate heritage surveys ahead of initial drill testing of the gold, copper and lithium anomalies



JUNGAR FLATS PROJECT



- Gravity survey completed in June 2023 over recently acquired ground in the south
- Parallel greenstone units identified, including 25km of interpreted dolerite running through the tenement, and an eastern greenstone
- Southern 15km of this dolerite was previously unrecognized
- Historic gold workings on main dolerite
- 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/t
- Next stage of exploration strategy will be auger sampling over prospective units



Maguires Gold Project Resource refer to OZZ ASX Announcement 19 November 2021

SUMMARY



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SHAREHOLDER VALUE

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E79
GOLD
MINES

E79 GOLD MINES

Committed to a sustainable future

Thank you

Money in the ground.