



E79 GOLD MINES

Money in the Ground

13 September 2022

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.
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- 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.

- **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 (Stavelly Minerals)
- **Good ground** – two sizeable projects in prolific ‘world-class’ greenstone belts
- **Good strategy** – ‘money in the ground’, applied technology in exploration leading to discovery
- **Shareholder value** – a history of delivering for shareholders



Non-Executive Chair

Chris Cairns

Non-Executive Director

Deborah Lord

Non-Executive Director

Peter Ironside

Chief Executive Officer

Ned Summerhayes

Company Secretary

Amanda Sparks

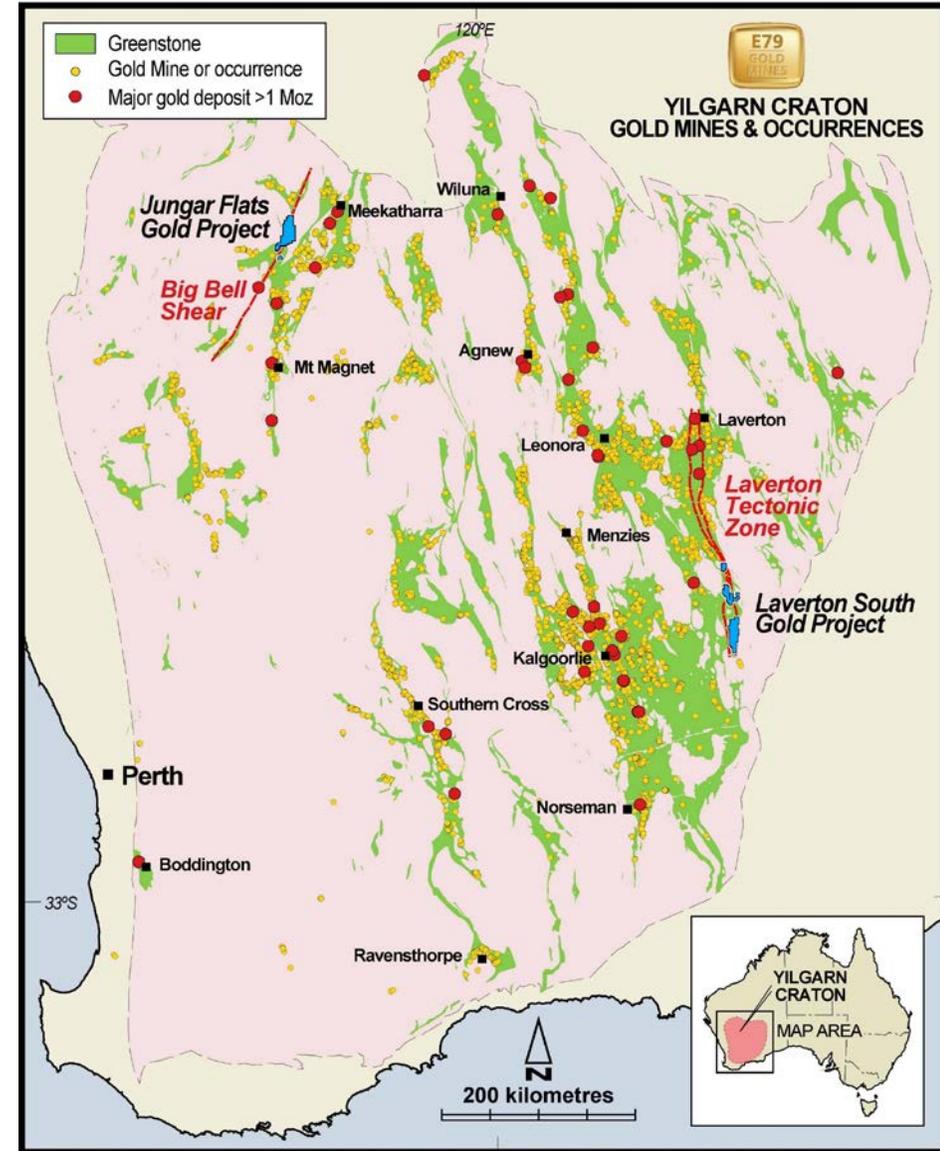
Share Price	\$0.11
Shares on issue	65,074,824
Market Capitalisation	\$7.16M
Cash on Hand	\$6.89M
Enterprise Value	\$0.27M
Board and Management Holding	~16.02%
Shares on escrow	14.63%
Top 20 Shareholders	44.88%

PROJECTS



Two projects in the Eastern Goldfields of Western Australia

-  355 km² of tenure in the Laverton Tectonic Zone - one of the world's most prolific gold belts ~30Moz
-  418km² of tenure in the Murchison Goldfields— ~30Moz of endowment



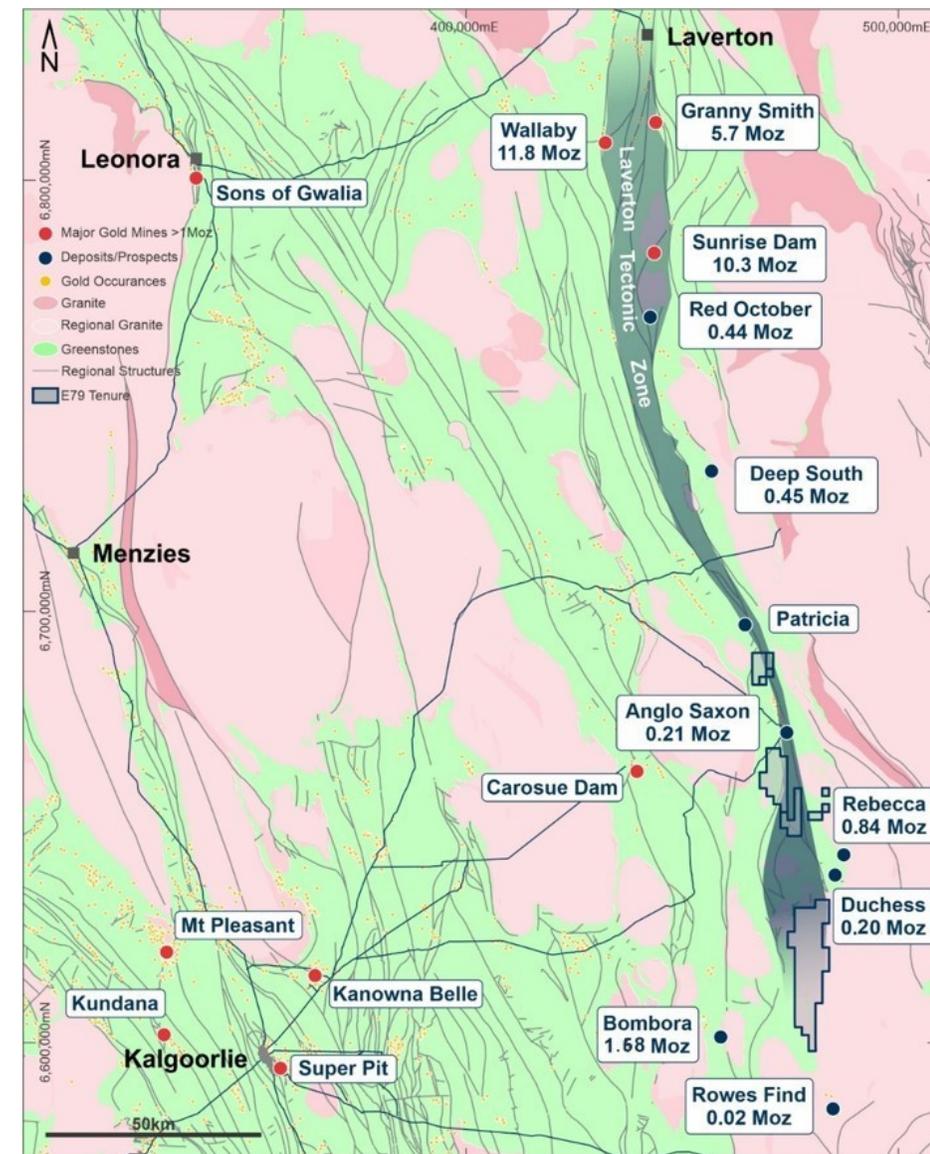
PROJECTS



Laverton South Project

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

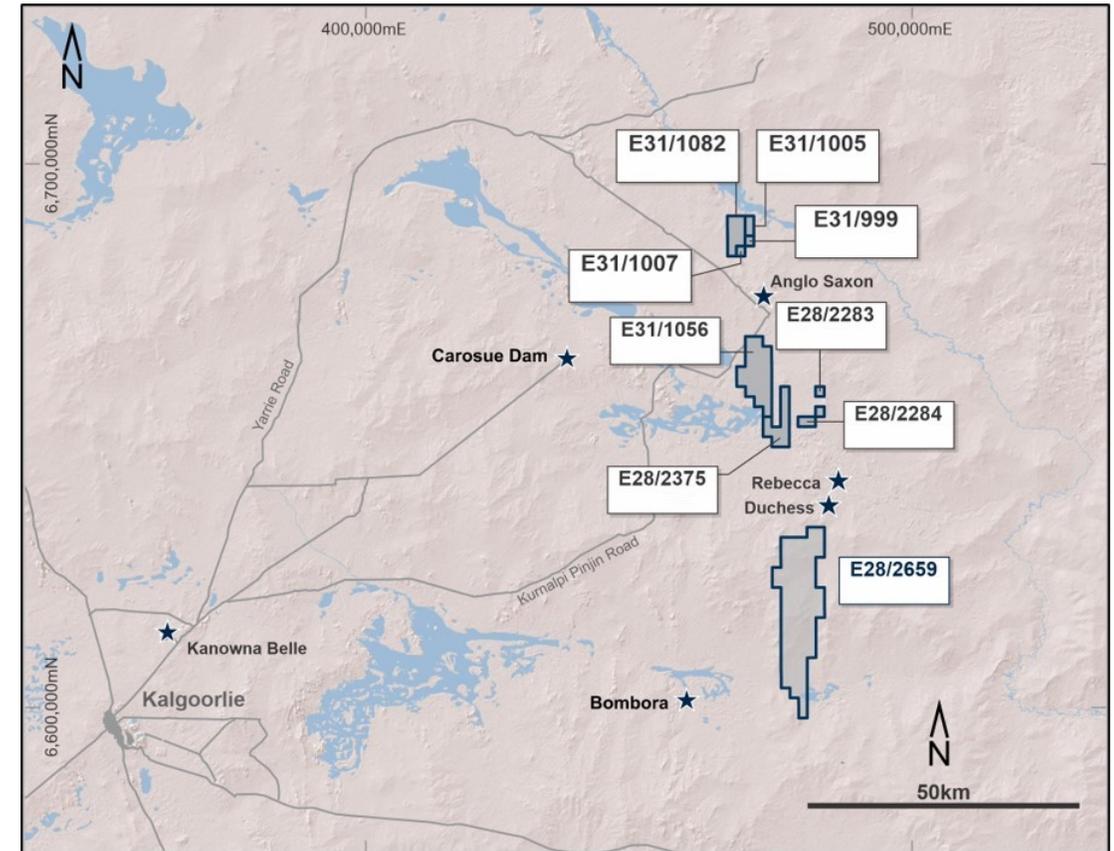
Deposit	Historical Production			Resources						Endowment
				Meas & Ind			Inf			
	Tonnes (kt)	Grade	Ounces	Tonnes (kt)	Grade	Ounces	Tonnes (kt)	Grade	Ounces	Ounces
Granny Smith ¹	-	-	5,100,000	3,581	3.77	434,000	2,067	3.44	229,000	5,763,000
Wallaby ²	-	-	4,500,000	29,990	6.20	5,977,000	8,985	4.41	1,273,000	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
Rows 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 Annecore 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.

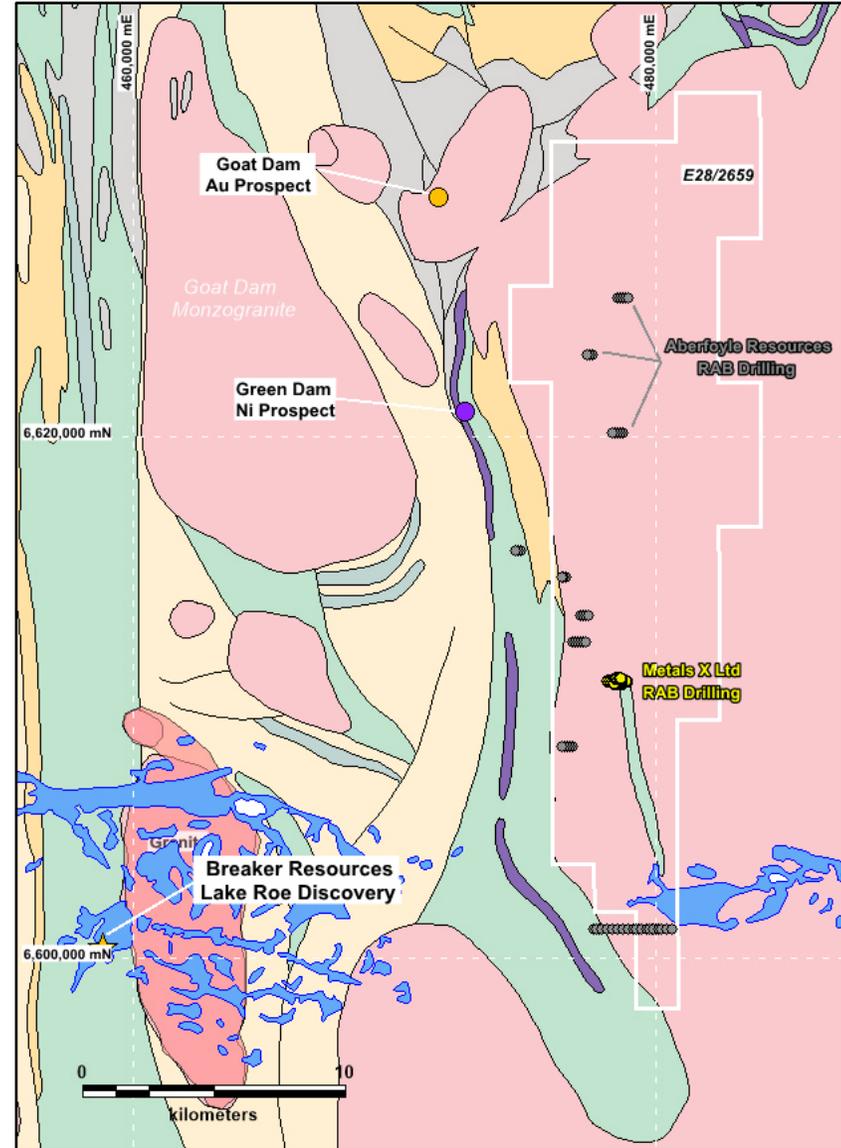
Laverton South Project

-  100% owned Lake Yindana E28/2659
-  100% Owned Pinjin Project
-  Recent + 1.5Moz discovery at Bombora (Breaker Resources 20/12/21)
-  Recent +1Moz discovery at Rebecca / Duchess (Ramelius Resources 12/4/22)



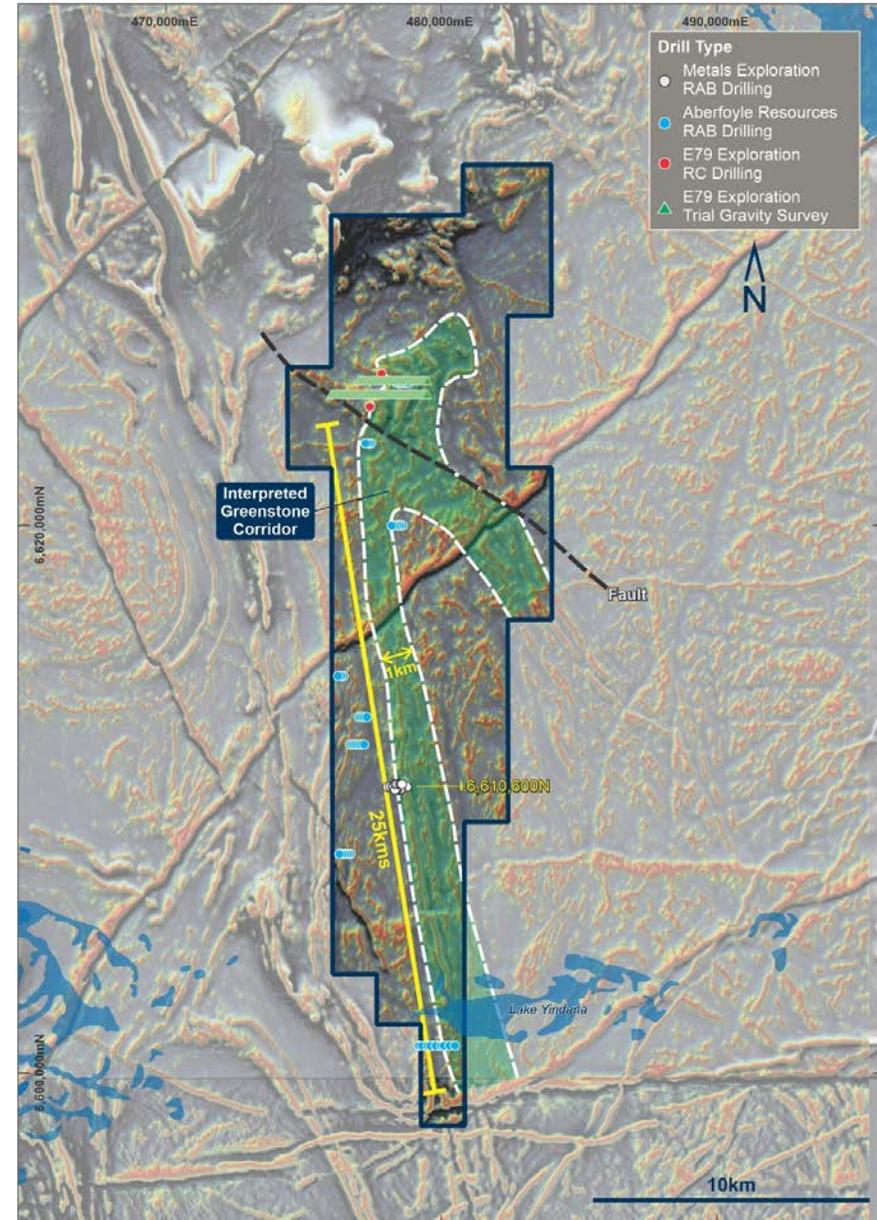
Laverton South Project – Lake Yindana

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



Laverton South Project – Lake Yindana

- Magnetics and recently acquired gravity clearly show that the tenement is underlain by ~25km of greenstones
- This is supported by the limited historic RAB drilling finding various greenstone lithologies:
 - Dolerite
 - Gabbro
 - Gneiss (Rebecca host)
 - Ultramafic (Ni prospective)
 - Rhyolite porphyry
 - Granite



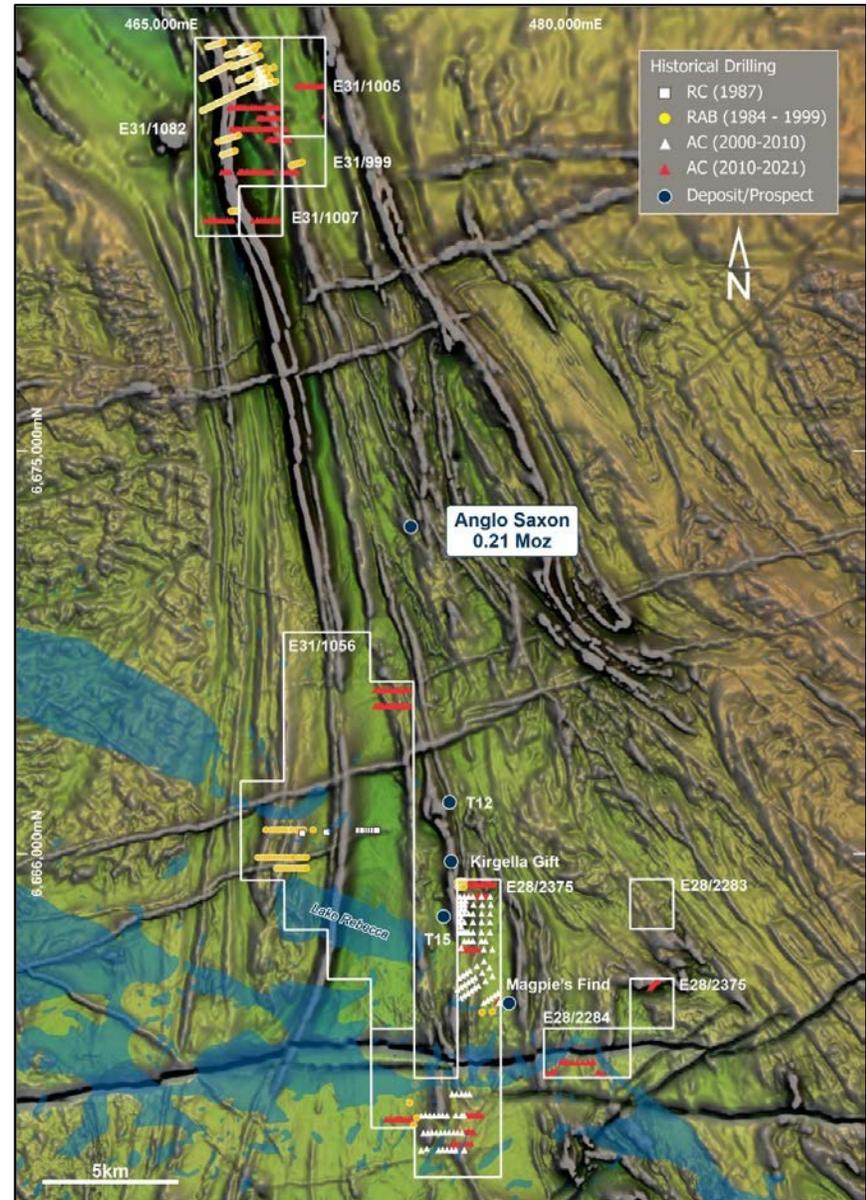
Laverton South Project – Lake Yindana

- Magnetics and gravity clearly show that the tenement is underlain by ~25km of greenstones
- Given the distinct lack of previous exploration, effectively E79 has a ‘first-mover’ opportunity:

‘...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

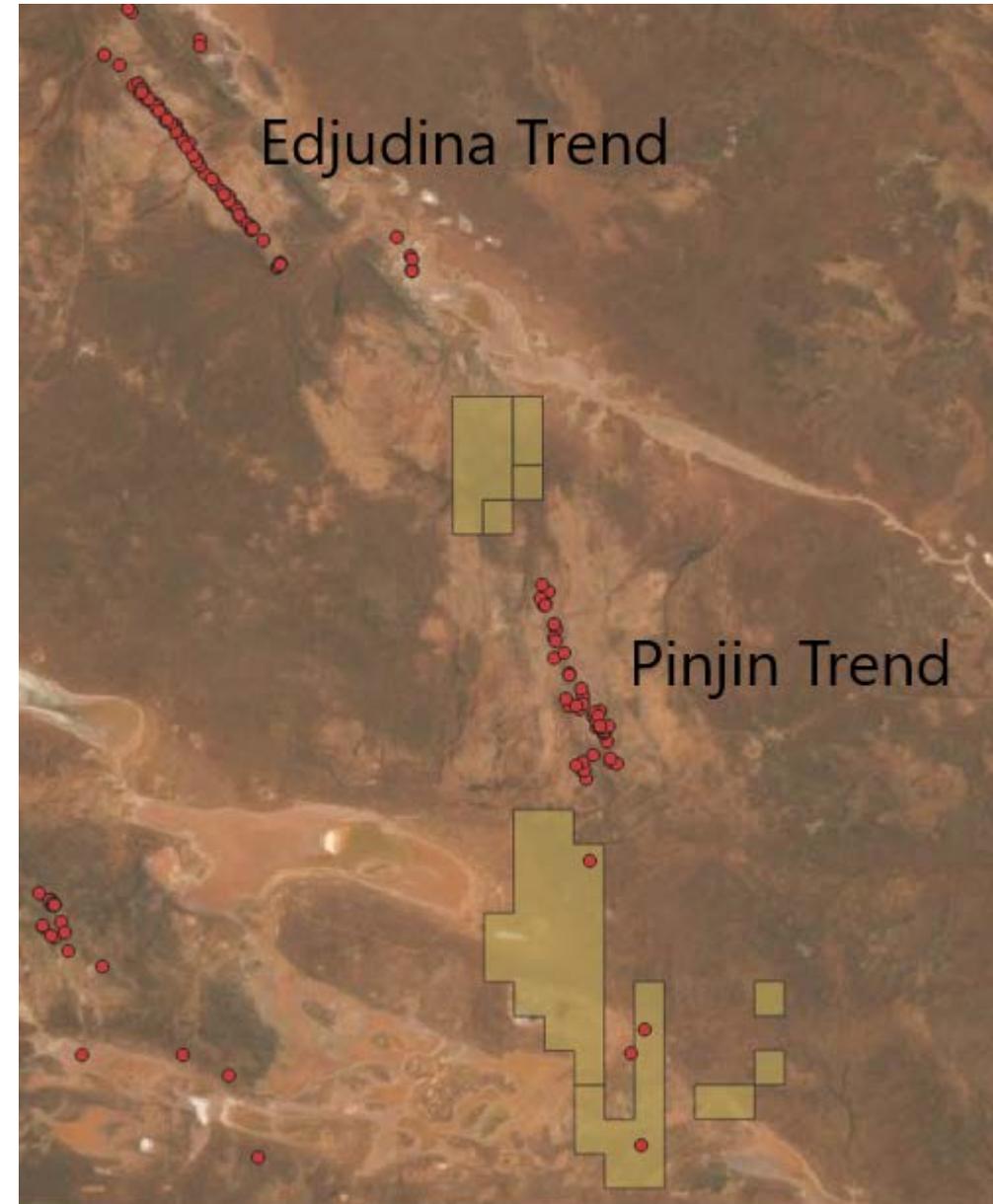
Laverton South Project - Pinjin

-  E79 100%
-  A series of tenements along strike north and south of the Anglo Saxon (Trouser Legs) Gold Mine, Pinjin Goldfield
-  In conjunction with the Lake Yindana tenement, the tenure controls the north and south strike extensions of the Rebecca / Duchess discoveries



Laverton South Project - Pinjin

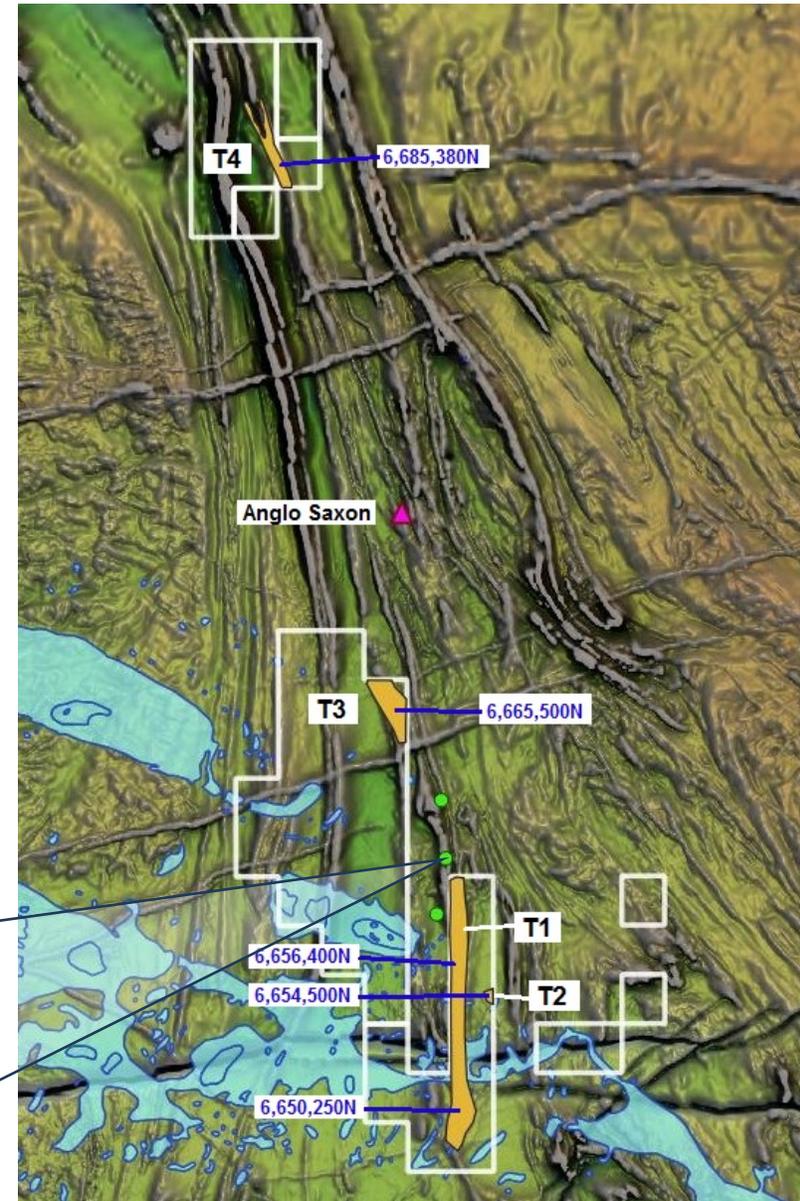
- Large scale gold trends running through the tenement package
- Edjudina trend:** 15km of historic gold workings, runs towards E79 tenement package
- Pinjin Trend:** 11km long, including the Anglo Saxon mine
 - Mineral Resources: 796,000 t at 6.1 g/t Au for 157,000 ounces (Hawthorn Resources ASX 30/10/2020)



Laverton South Project - Pinjin

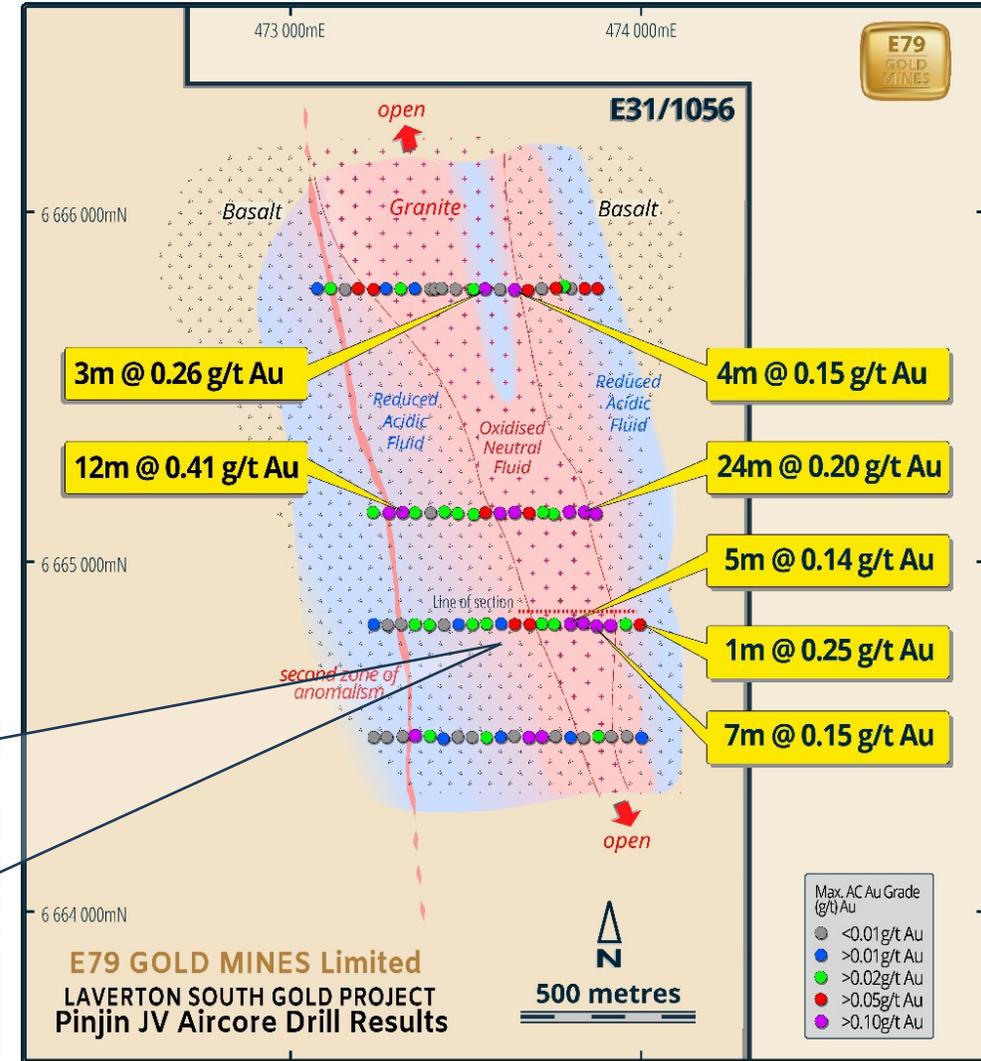
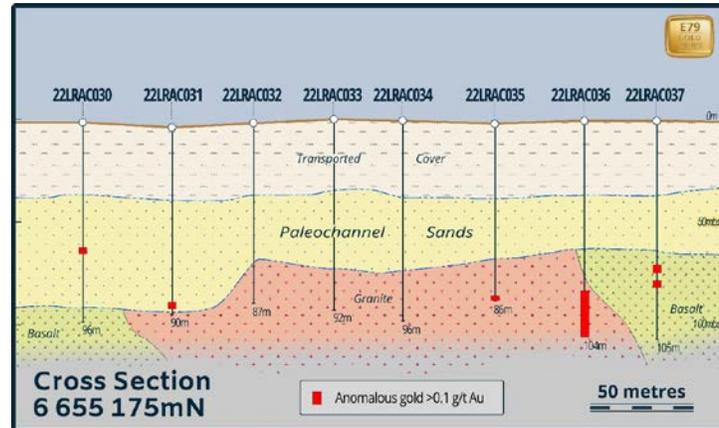
- Targeting completed by previous explorer, St Barbara – walk-up drill targets including
 - T1
 - T2
 - T3 – Drilled by E79
 - T4 – Drilled by E79

Kirgella's Gift RC drilling results include:
33m @ 3.10g/t Au from 51m
(Renaissance Minerals Limited, ASX announcement, 11 April 2011)



Target 3- Pinjin

-  Drilled in 2021/22 extended the anomalism 900m to the south, total >1500m
-  Gold anomalism in bedrock
-  Evidence of fluid mixing, similar to large deposits in the region
-  Infill drilling underway with 7,500m AC drilled and awaiting assays



Refer E79 Prospectus 17/8/2021

Laverton South Gold Project

Ramelius Resources

 +1 Moz resource

(Ramelius Resources 12/4/22)

Breaker Resources

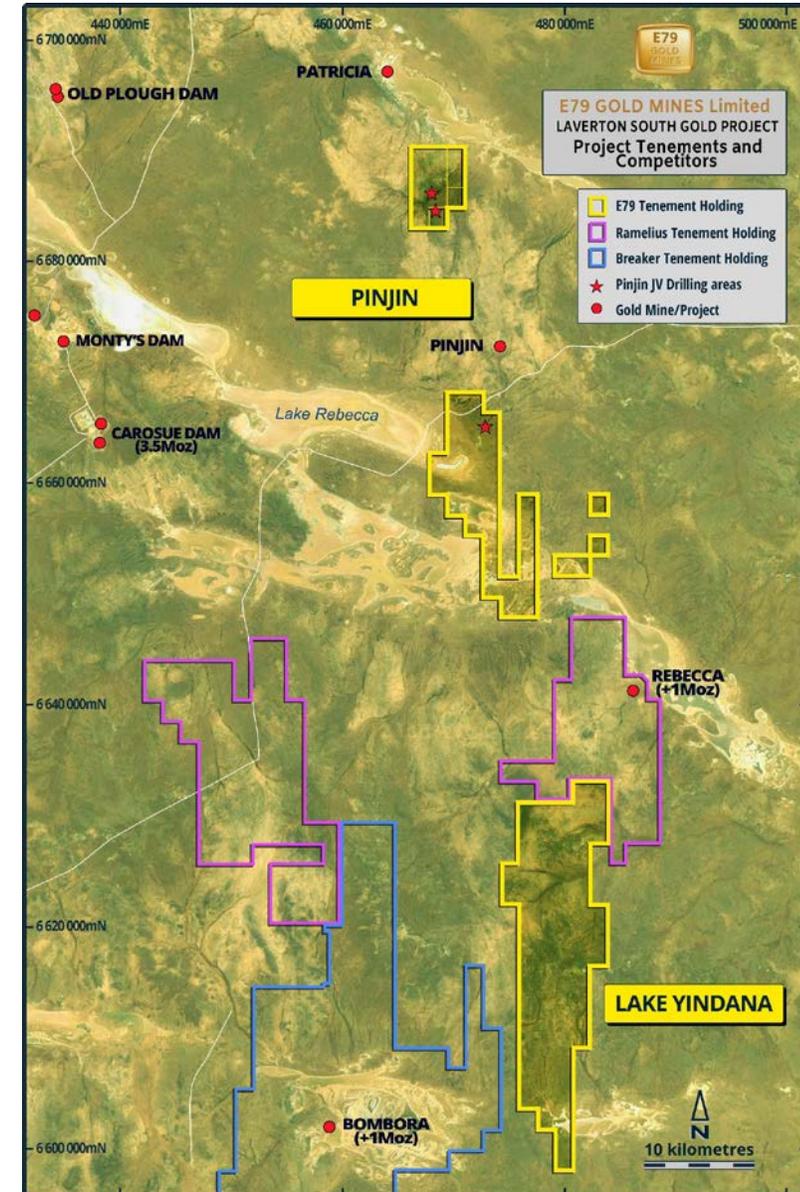
 +1.5 Moz resource

(Breaker Resources 20/12/21)

Carasue Dam

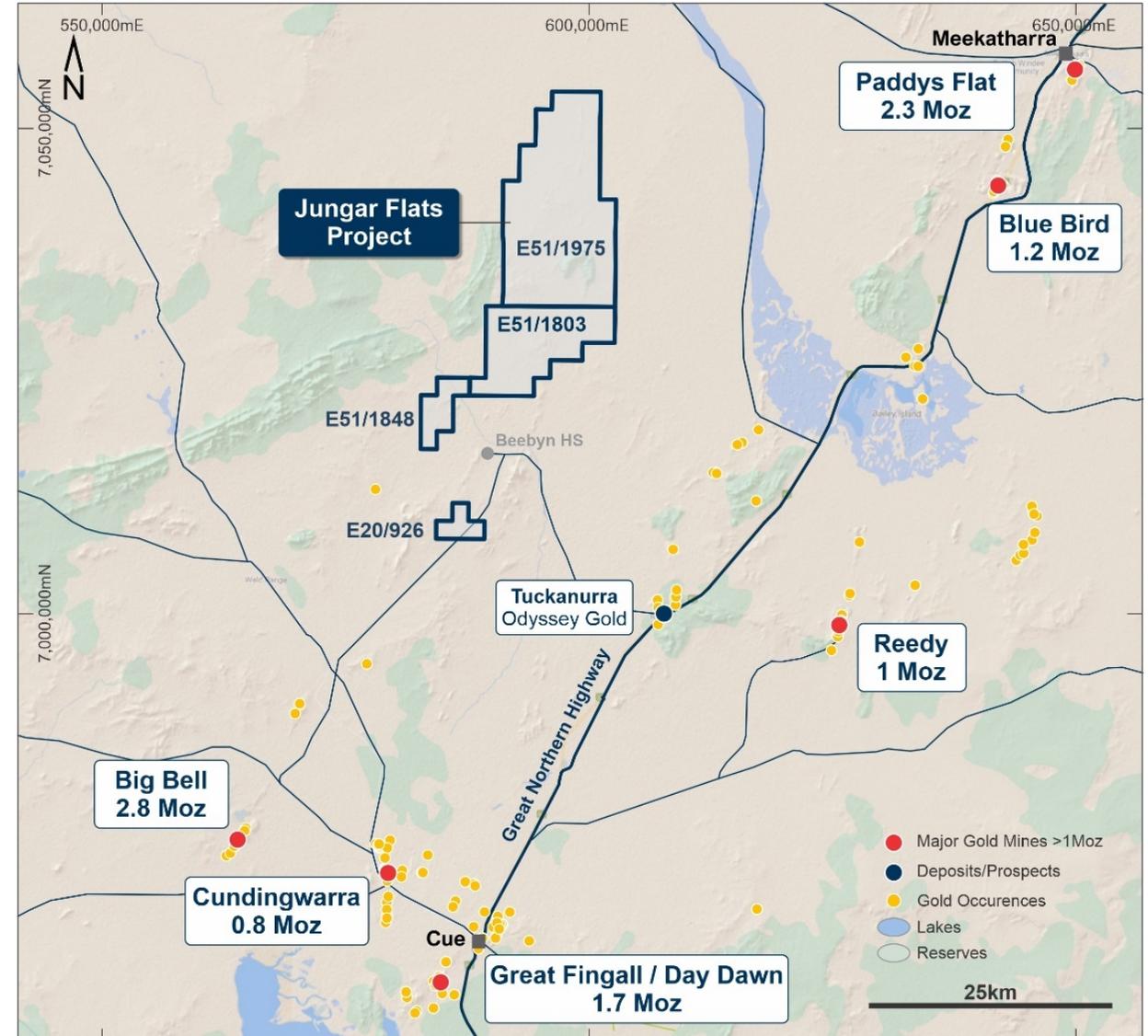
 +4 Moz endowment

(Northern Star 3/5/22)



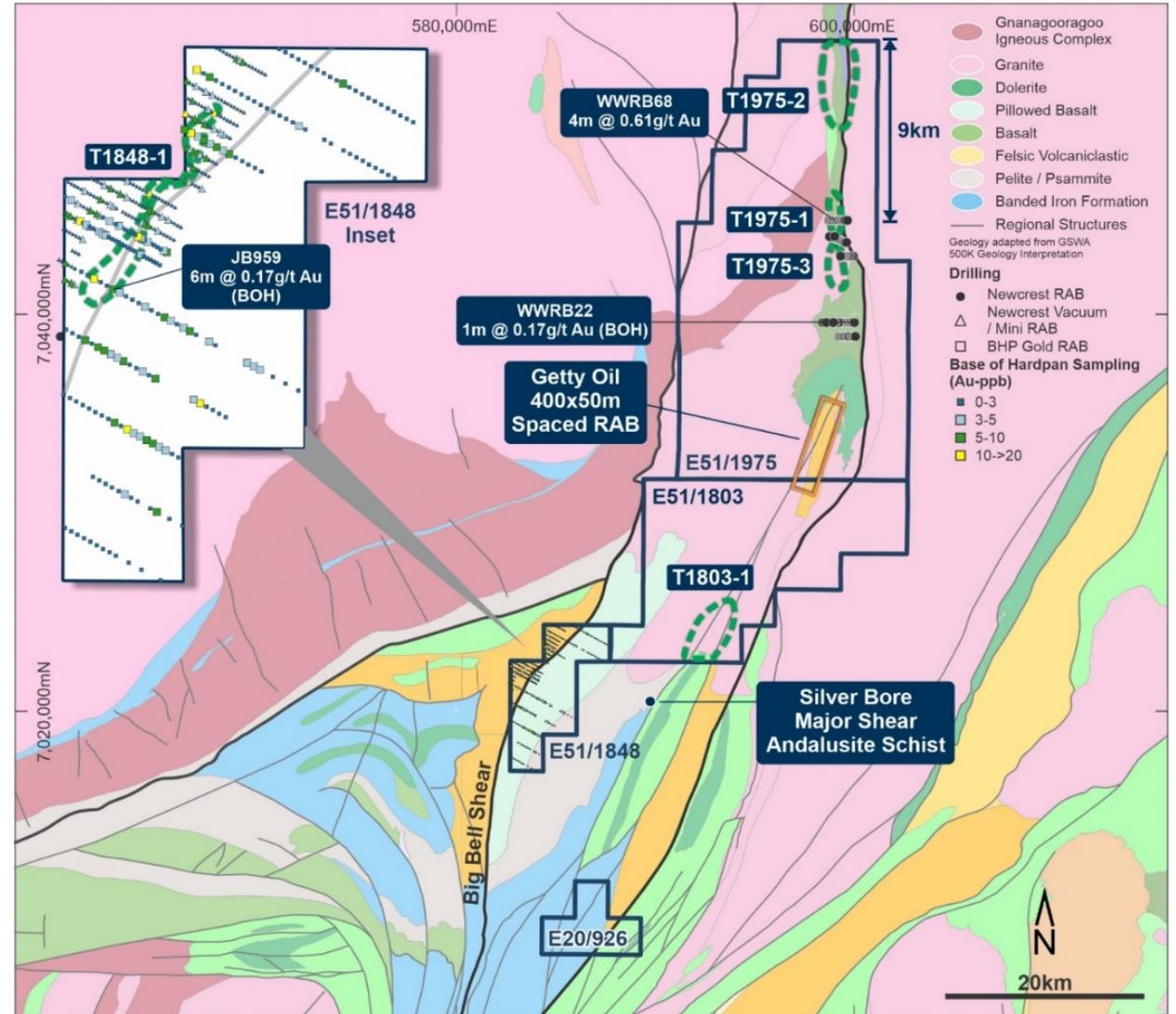
Murchison Project - Jungar Flats

-  418km² of tenure
-  Murchison Goldfields >30 million ounces
-  ~50km of strike along the Big Bell Shear and associated structures



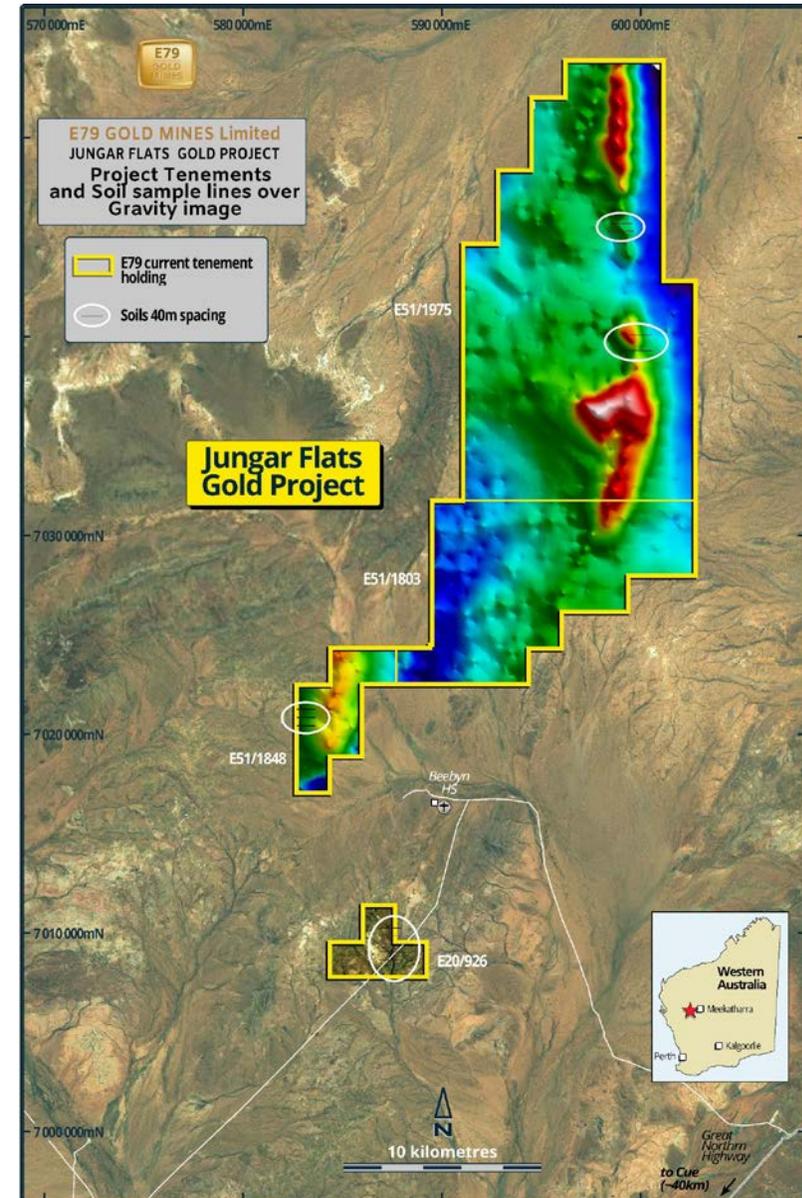
Jungar Flats Project

- Walk-up drill targets include:
 - 6km-long gold anomaly (BHP) – best 6m @ 0.17g/t Au, lack of follow-up (WAMEX Ref A32829)
 - T1975-1,2 & 3 (Newcrest) – best 4m @ 0.61g/t Au (WAMEX Ref A46347)
- Extensive hardpan cover – most surface geochemistry exploration methods (e.g. soil / auger sampling) not effective



Jungar Flats Project

- Large scale gravity survey completed early 2022
- New targets identified
 - Location of the shear and greenstone belt more tightly defined in the north
 - Dolerite intrusion in central part of tenement is more extensive at depth than first thought
- Ultrafine™ analytical method trialed, gold anomalism found at three of four target areas



The Recipe

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Committed to a sustainable future

Thank you

“Money in the ground.”