

# E79 GOLD MINES

Money in the Ground

-  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.

- **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)
- **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

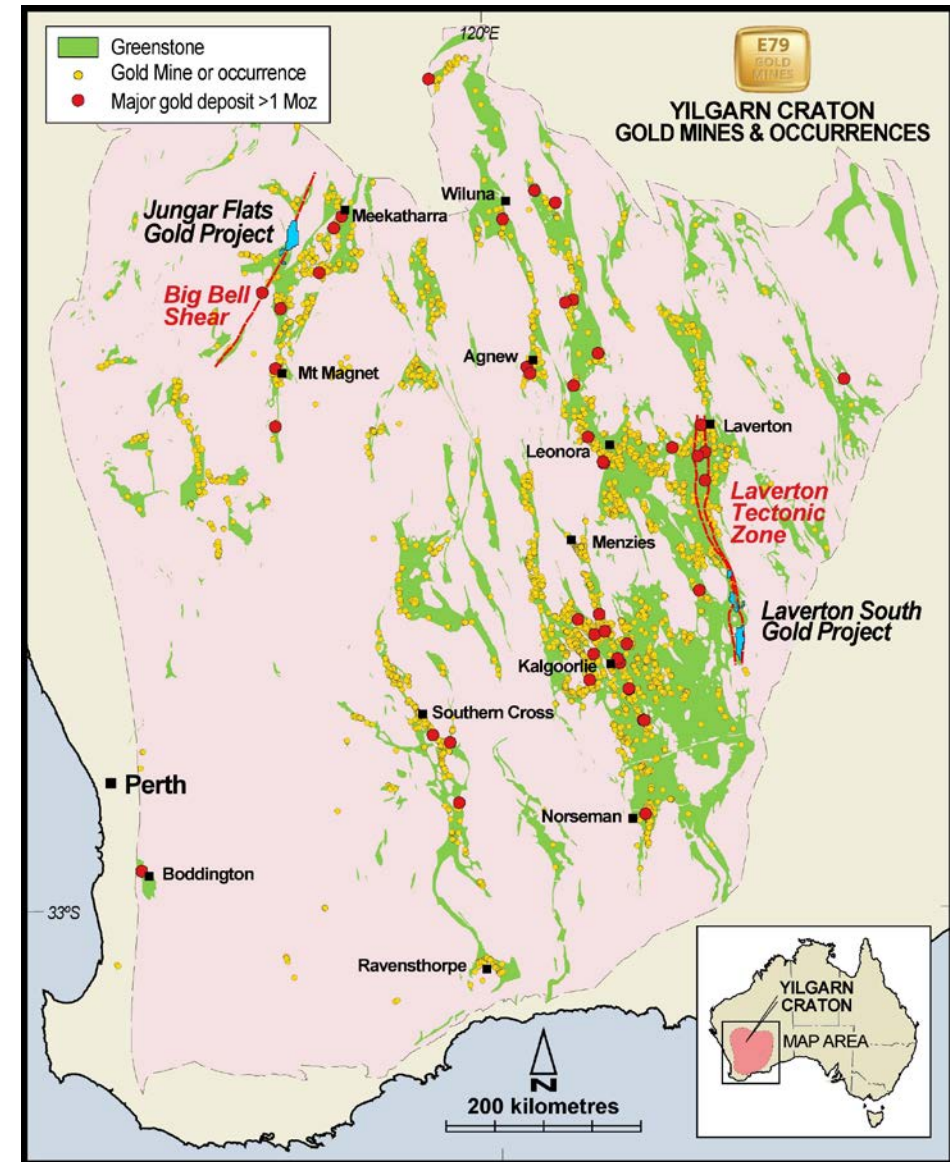
|                              |            |
|------------------------------|------------|
| Share Price                  | \$0.245    |
| Shares on issue              | 65,074,824 |
| Market Capitalisation        | \$16M      |
| Cash on Hand                 | \$8.7M     |
| Enterprise Value             | \$7.3M     |
| Board and Management Holding | ~15.6%     |
| Shares on escrow             | 21.9%      |
| Top 20 Shareholders          | 43.3%      |

# PROJECTS

E79  
GOLD  
MINES

## Two projects in the Eastern Goldfields of Western Australia

- 346 km<sup>2</sup> of tenure in the Laverton Tectonic Zone - one of the world's most prolific gold belts ~30Moz
- 337km<sup>2</sup> of tenure in the Murchison Goldfields— ~30Moz of endowment

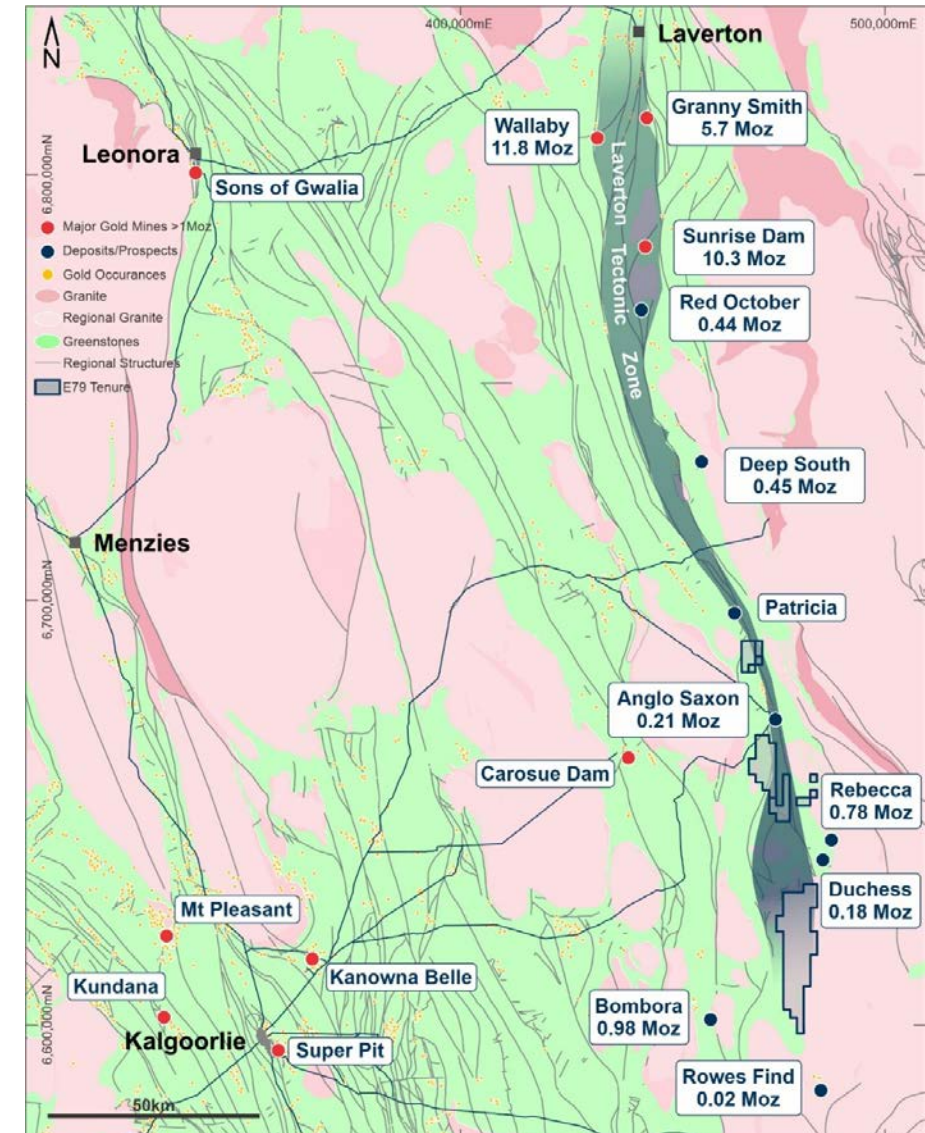


## Laverton South Project



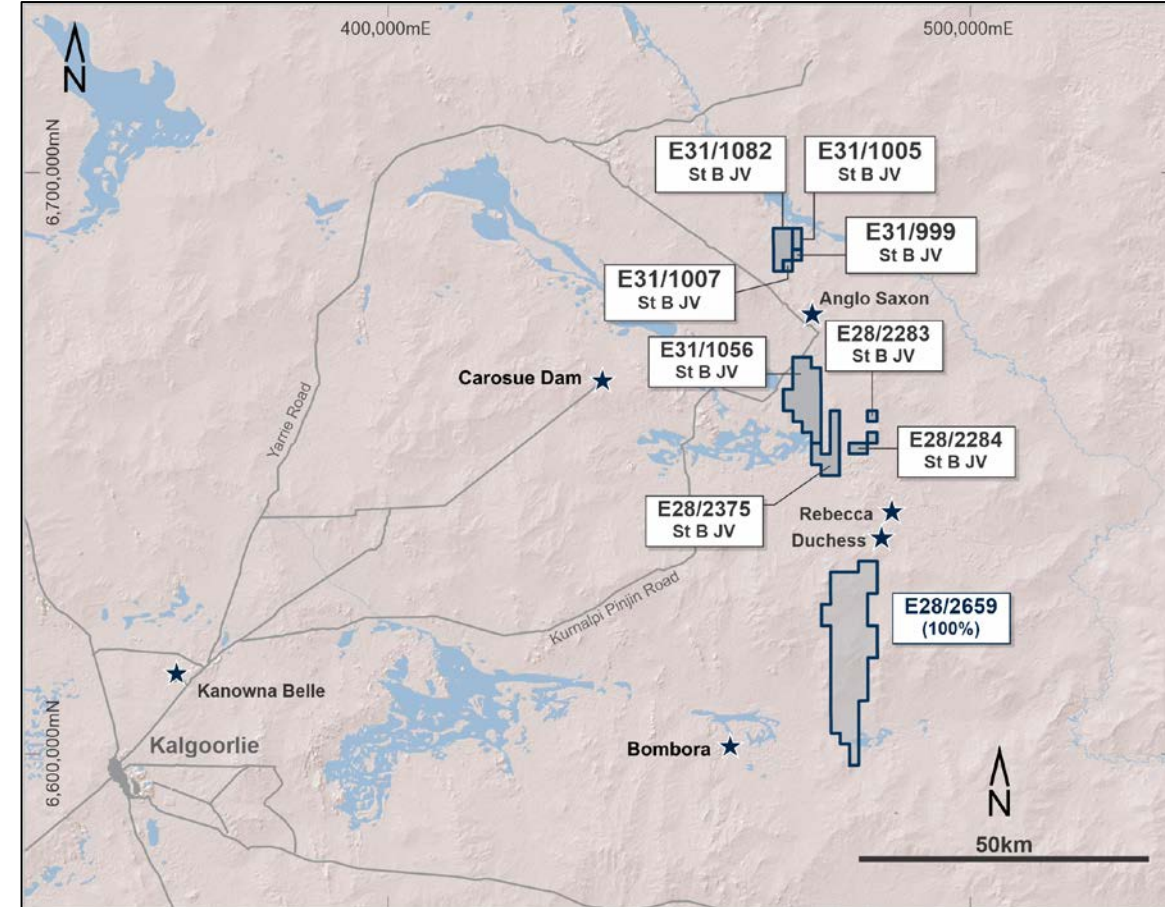
Relative to the north-central portions of the belt, the southern portion is under-explored

| Deposit      | Historical Production |       |           | Resources   |       |           |             |       |           | Endowment  |
|--------------|-----------------------|-------|-----------|-------------|-------|-----------|-------------|-------|-----------|------------|
|              |                       |       |           | Meas & Ind  |       |           | Inf         |       |           |            |
|              | Tonnes (kt)           | Grade | Ounces    | Tonnes (kt) | Grade | Ounces    | Tonnes (kt) | Grade | Ounces    | Ounces     |
| Granny Smith | -                     | -     | 5,100,000 | 3,581       | 3.77  | 434,000   | 2,067       | 3.44  | 229,000   | 5,763,000  |
| Wallaby      | -                     | -     | 4,500,000 | 29,990      | 6.20  | 5,977,000 | 8,985       | 4.41  | 1,273,000 | 11,750,000 |
| Sunrise Dam  | -                     | -     | 6,700,000 | 41,090      | 2.02  | 2,670,000 | 12,550      | 2.38  | 960,000   | 10,330,000 |
| Red October  | 1,700                 | 6.1   | 342,000   | 324         | 4.6   | 48,000    | 99          | 15.3  | 49,000    | 439,000    |
| Deep South   | 2,077                 | 3.1   | 209,236   | 1,897       | 2.7   | 162,000   | 1,031       | 2.3   | 78,000    | 449,236    |
| Anglo Saxon  | 673                   | 2.4   | 49,694    | 449         | 6.9   | 99,000    | 347         | 5.2   | 58,000    | 206,694    |
| Rebecca      | -                     | -     | -         | 13,600      | 1.5   | 640,000   | 6,800       | 0.9   | 200,000   | 840,000    |
| Duchess      | -                     | -     | -         | 4,150       | 0.9   | 125,000   | 2,700       | 0.8   | 75,000    | 195,000    |
| Bombora      | -                     | -     | -         | 18,356      | 1.4   | 803,000   | 4,853       | 1.1   | 178,000   | 981,000    |
| Rowes Find   | -                     | -     | -         | -           | -     | -         | 148         | 3.5   | 17,000    | 17,000     |
|              |                       |       |           |             |       |           |             |       |           | 30,971,000 |



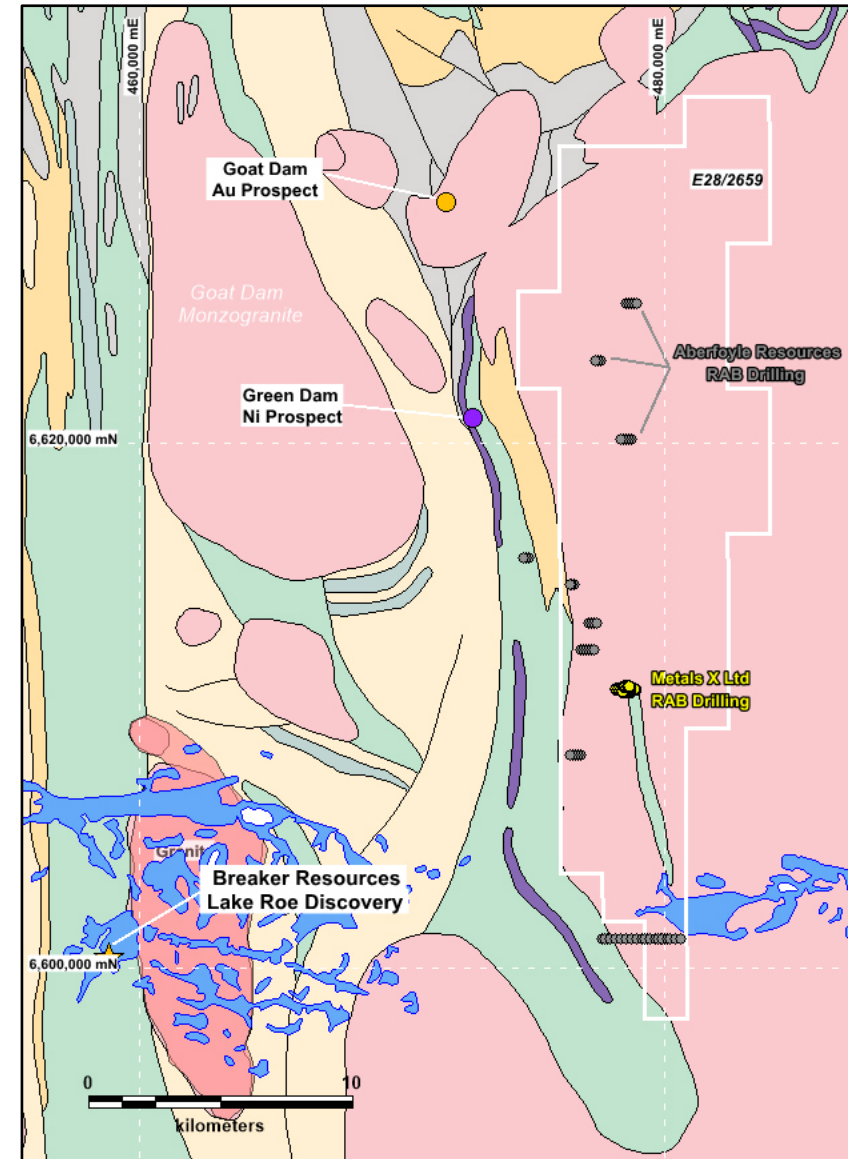
## Laverton South Project

- 100% owned Lake Yindana E28/2659
- JV with St Barbara in the Pinjin area (E79 earning to 51% by \$310,000 expenditure, +29% for \$500,000 expenditure)
- Recent + 1Moz discovery at Bombora
- Recent +1Moz discovery at Rebecca / Duchess



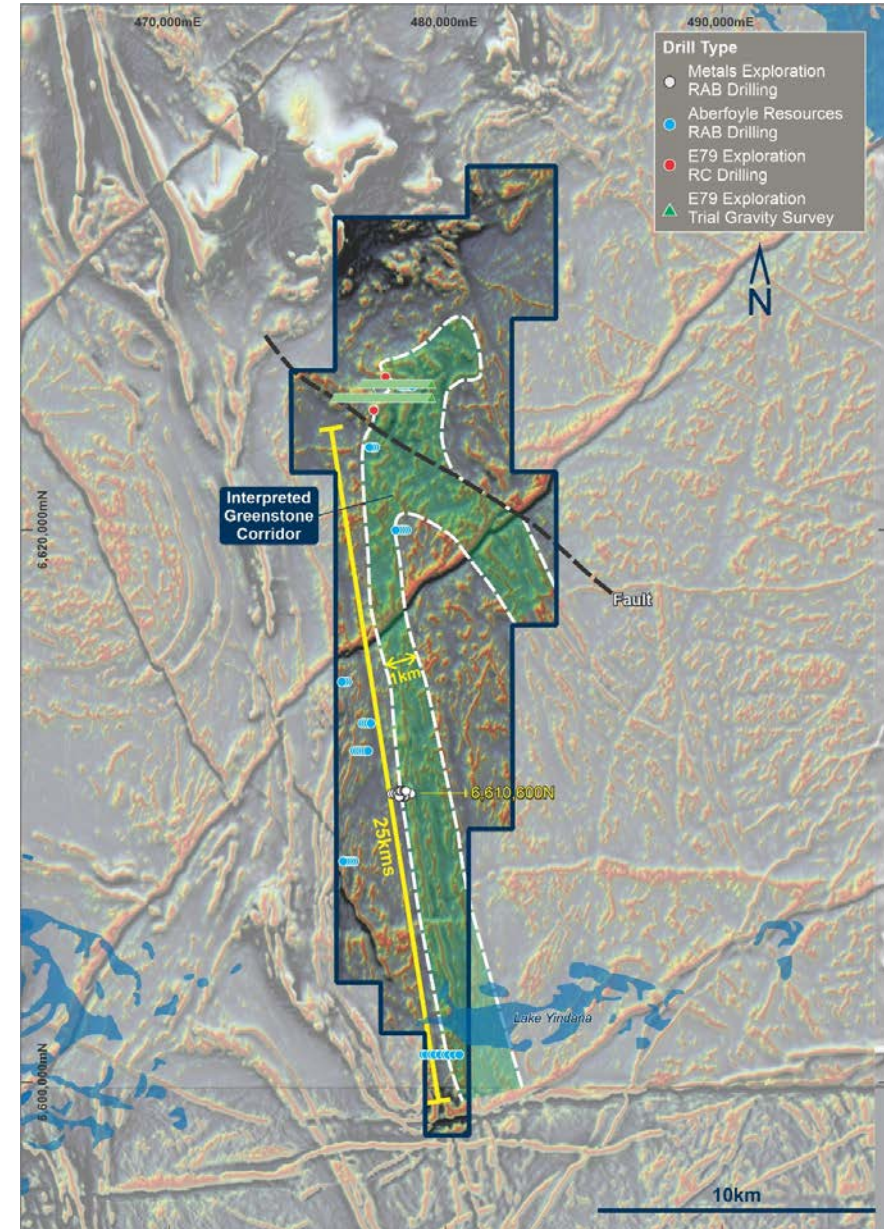
## Laverton South Project – Lake Yindana

- 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 lithologies:
  - Dolerite
  - Gabbro
  - Gneiss (Rebecca host)
  - Ultramafic (Ni prospective)
  - Rhyolite porphyry
  - Granite



## Laverton South Project – Lake Yindana

### Multiple targets



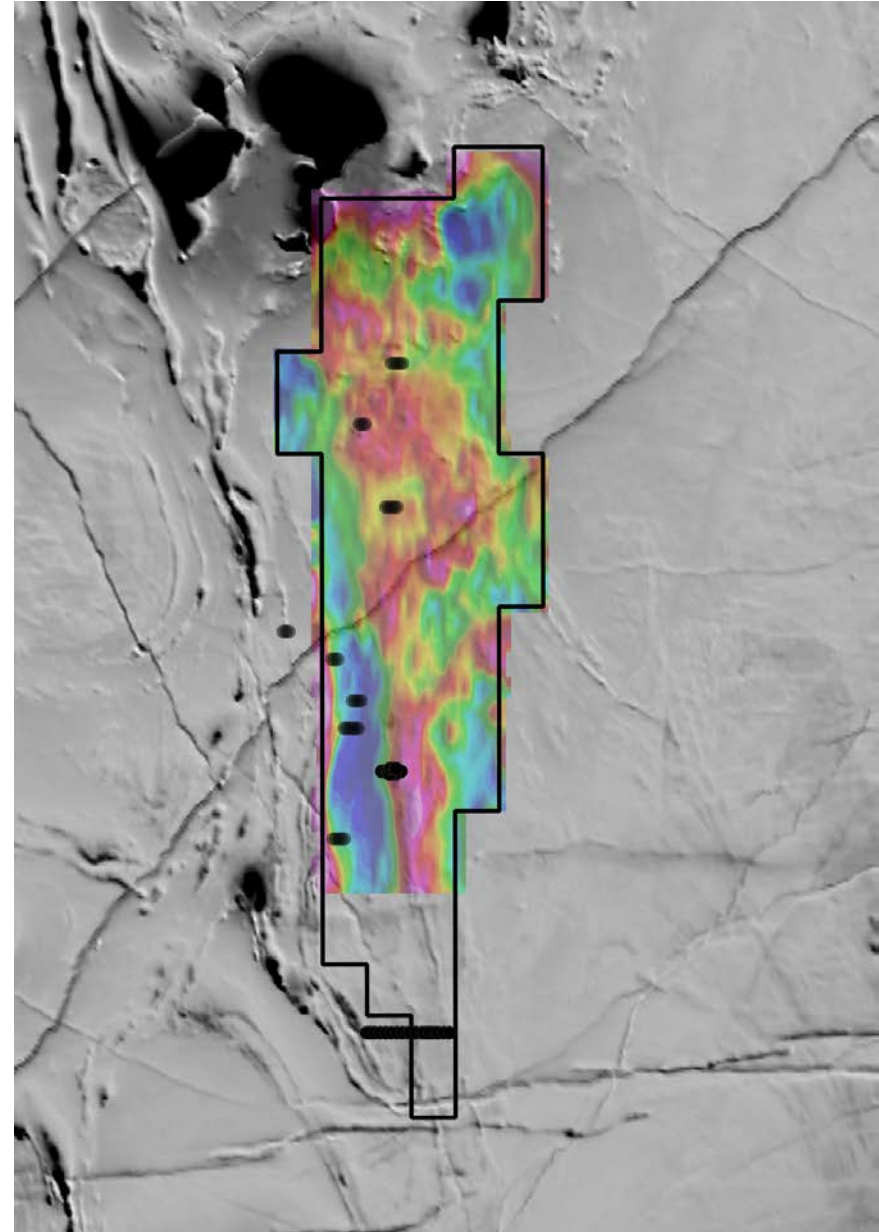
#### Greenstone

- ~25km long
- underexplored



#### Potential intrusions

- Identified from the recent gravity
- Intrusion and pressure shadows



## 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 - St Barbara JV



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 - St Barbara JV

-  A series of tenements along strike north and south of the Anglo Saxon (Trouser Legs) Gold Mine, Pinjin Goldfield
-  Gold found within Pinjin Shear, on contact between felsic volcanic sediments and intermediate schist

Image: Anglo Saxon open pit  
Mineral Resources: 796,000 t at 6.1 g/t Au for 157,000 ounces  
(Hawthorn Resources ASX 30/10/2020)



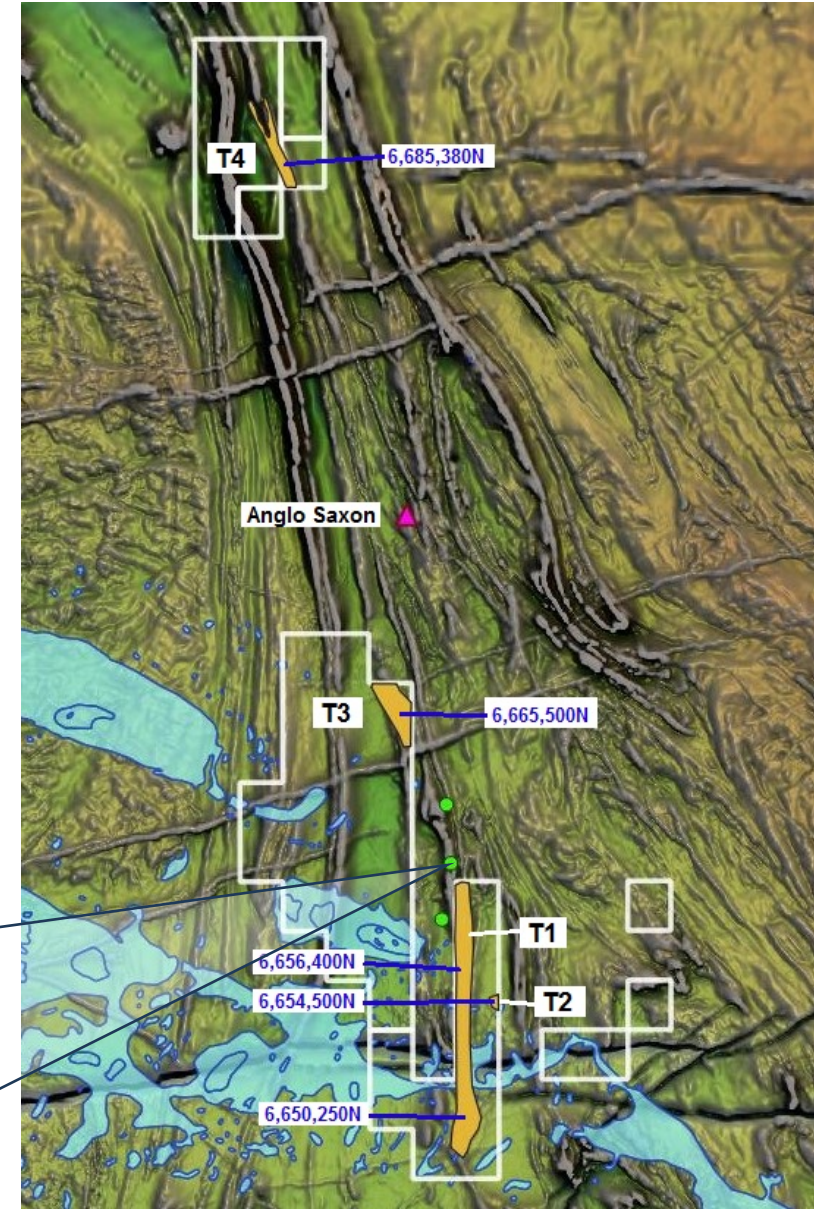
## Laverton South Project - St Barbara JV



Targeting completed by St Barbara –  
walk-up drill targets including

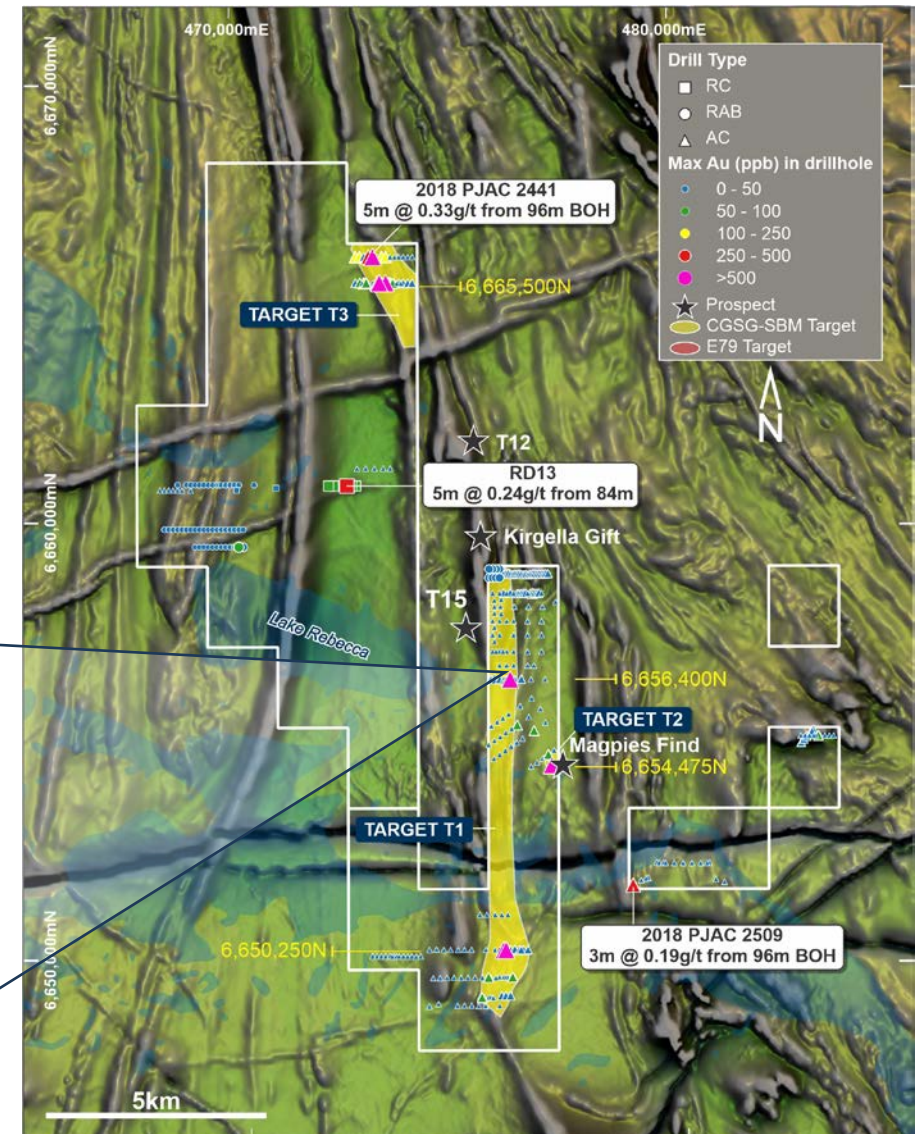
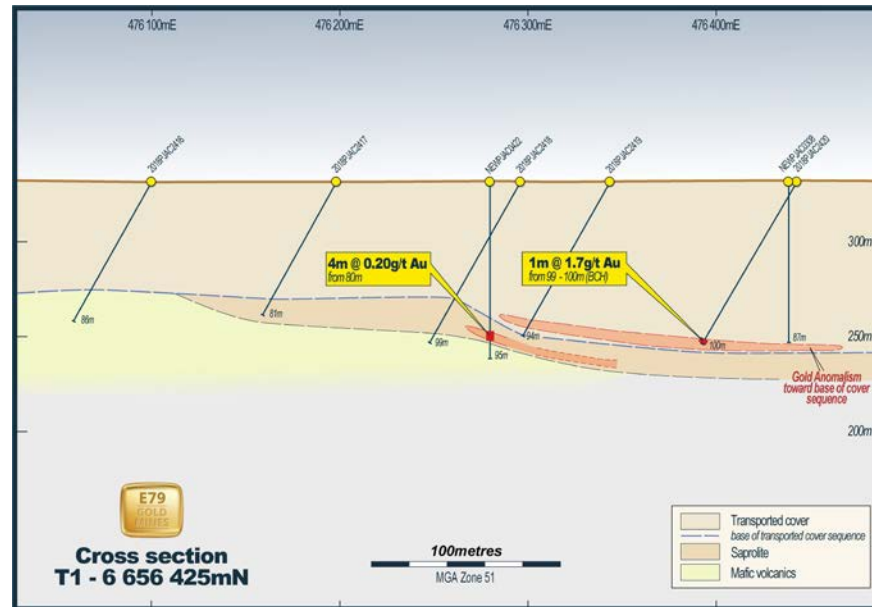
- T1
- T2
- T3
- T4

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



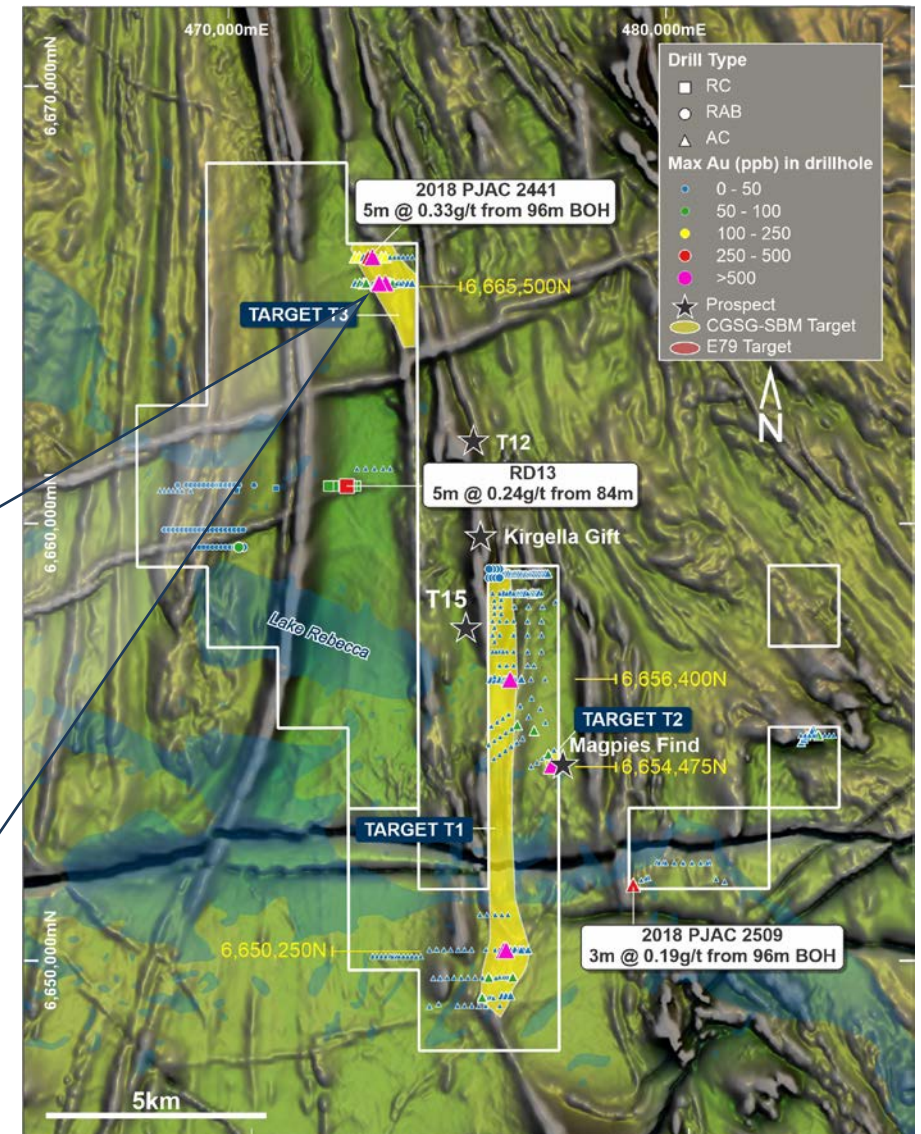
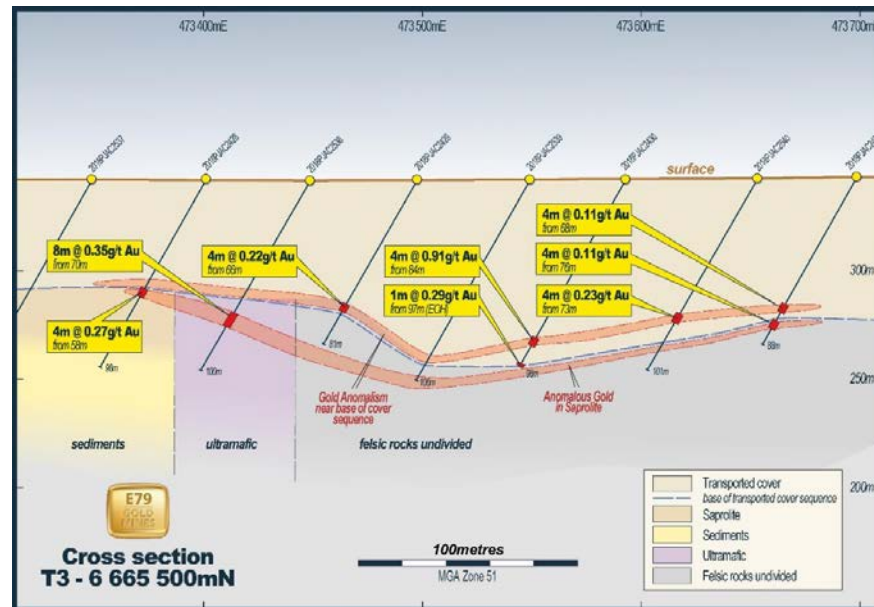
## Target 1- St Barbara JV (south tenements)

- 10+ km long stratigraphic target
- Historic drilling shows mineralisation
- Not followed up



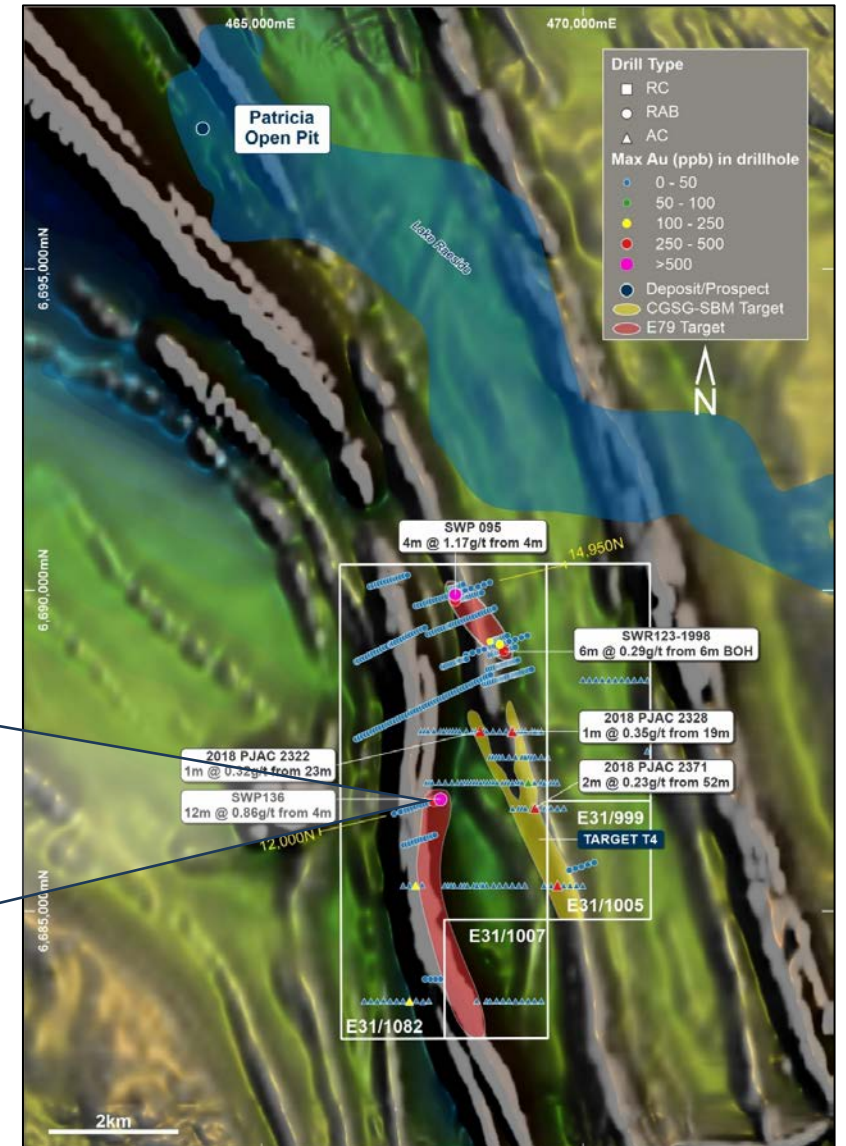
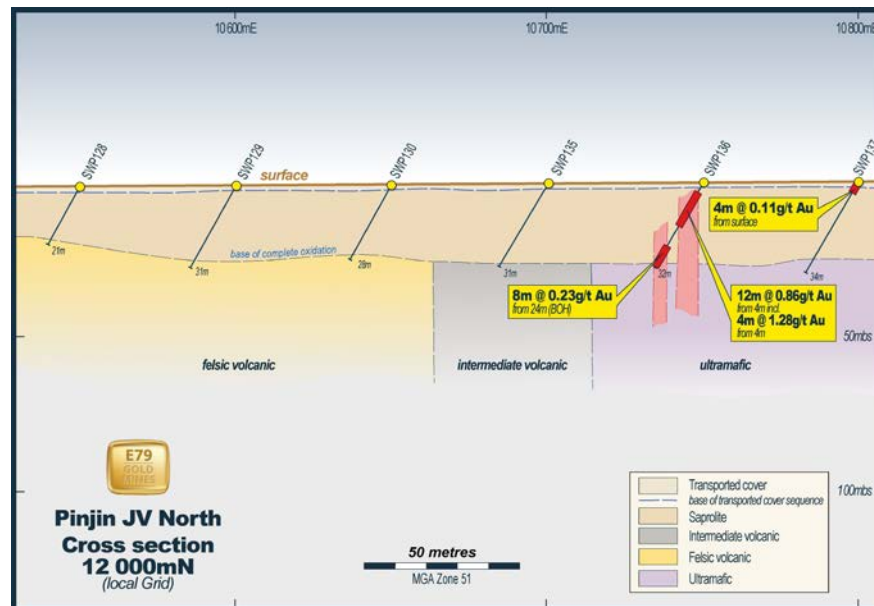
## Target 3- St Barbara JV (south tenements)

- 600m long, 300m wide zone of anomalous drilling results
- Open to the south
- Not followed up



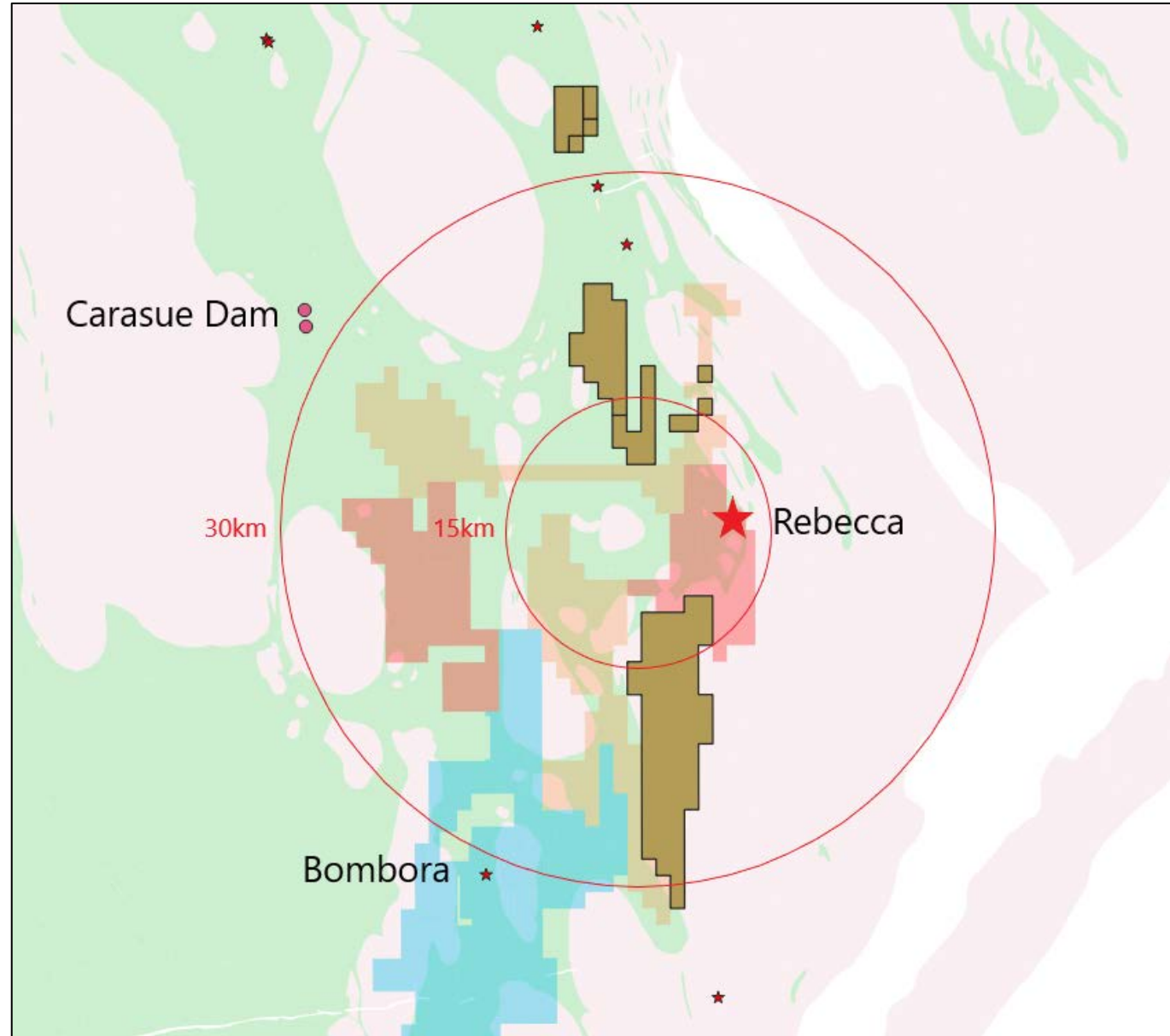
## Target 4- St Barbara JV (north tenements)

-  On side of intrusion
-  Shallow gold
-  Mineralised to EOH
-  Not followed up



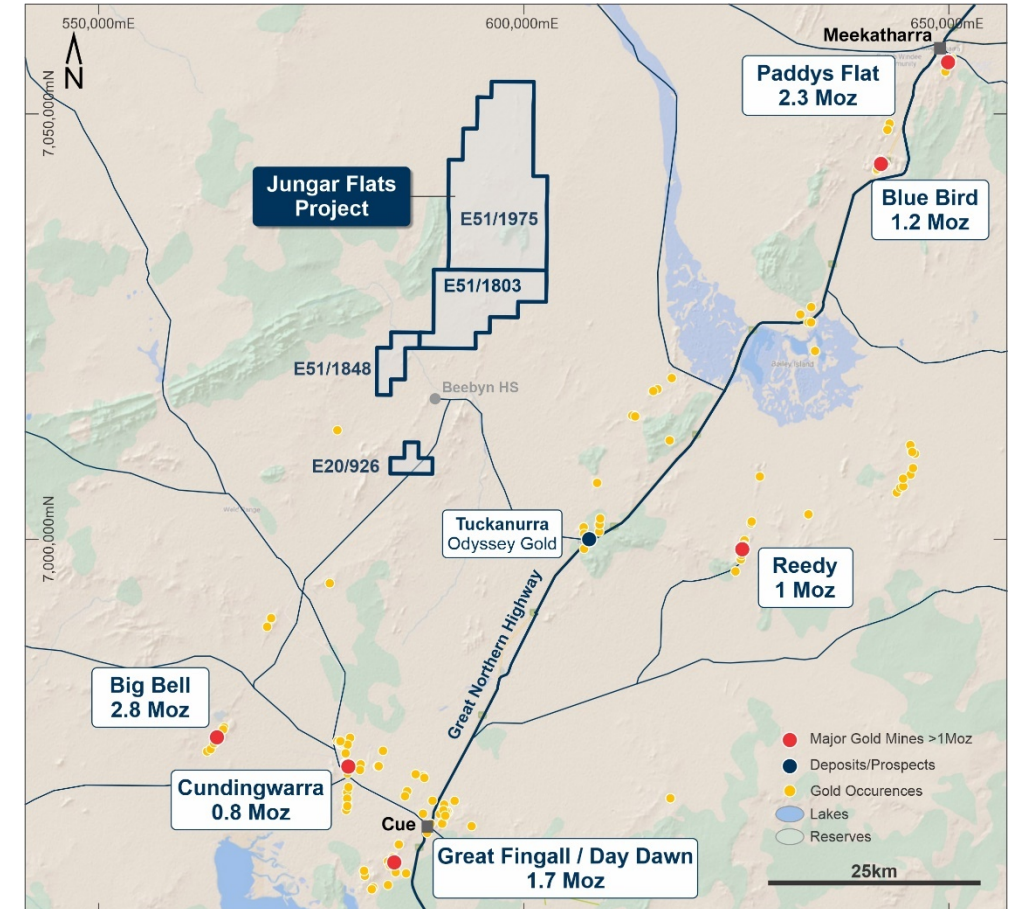
## Laverton South Gold Project

-  Apollo Consolidated
  -  +1 Moz resource
-  Breaker Resources
  -  +1 Moz resource
-  Carasue Dam
  -  +2 Moz resource
-  St Barbara



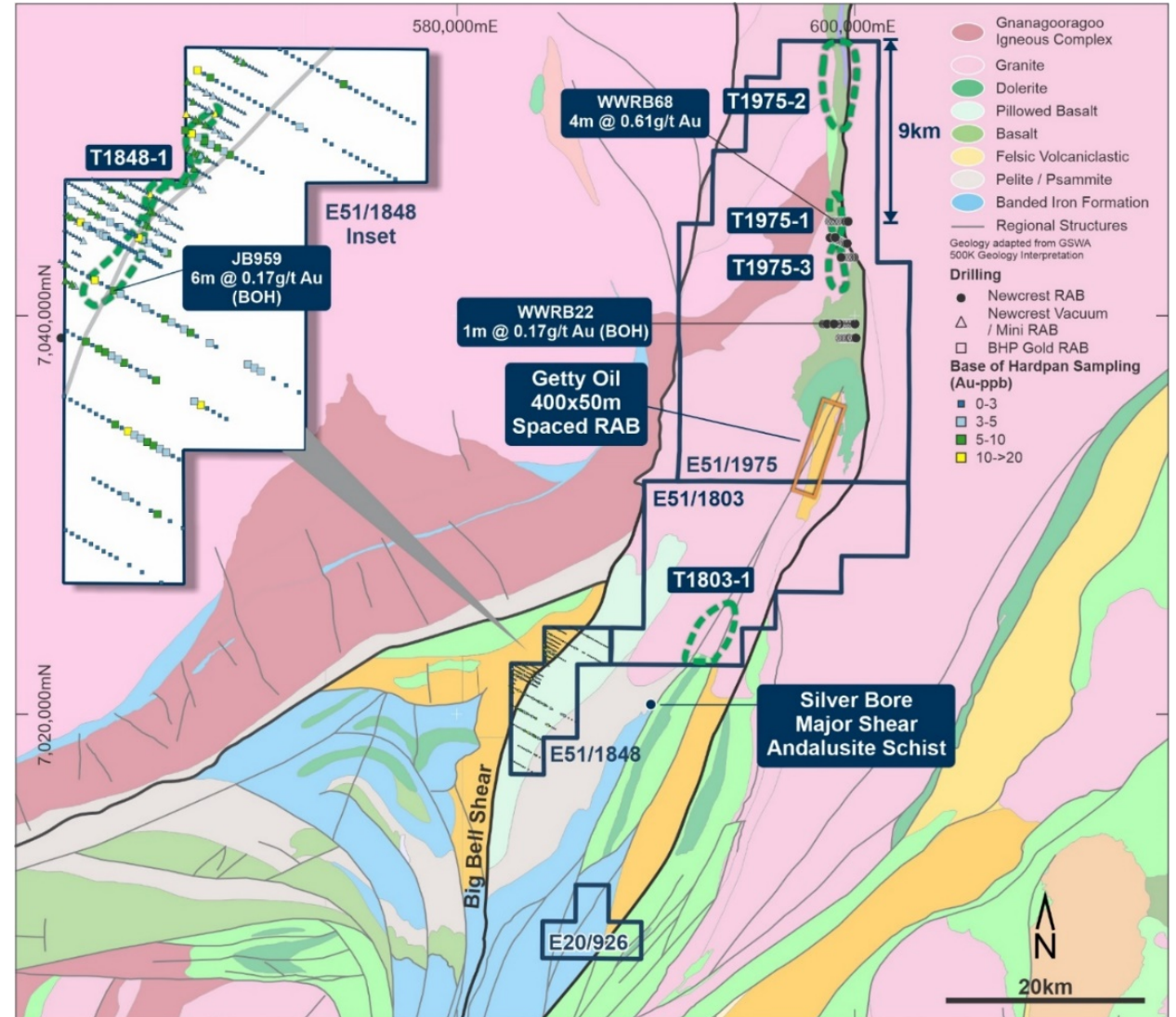
## Murchison Project - Jungar Flats

-  337km<sup>2</sup> 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
  - T1975-1,2 & 3 (Newcrest) – best 4m @ 0.61g/t Au
- Extensive hardpan cover – most surface geochemistry exploration methods (e.g. soil / auger sampling) not effective



## The Recipe

- 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)
- 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



# E79 GOLD MINES

Committed to a sustainable future

## Thank you

**“Money in the ground.”**