

# Barton Gold



**South Australia's Emerging Gold Developer**

**Presentation to Australian Gold Conference  
Sydney, Australia**

**15 June 2022**

*Perseverance Mine,  
Tarcoola Project*

# Important Notices

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## **Date and Currency**

This document is dated 15 June 2022 (“Preparation Date”) and is based on the Company’s prospectus dated 14 May 2021 (“Prospectus”) for an offer to acquire fully paid ordinary shares (“Shares”) in the capital of the Company (“Offer”), updated for the results of the Offer, and Barton ASX announcements as from the date of the Prospectus. A copy of the Prospectus is available for download at [www.bartongold.com.au](http://www.bartongold.com.au) or [www.asx.com.au](http://www.asx.com.au). The delivery of this document at any time after the Preparation Date does not imply the information contained in it is correct at any time after the Preparation Date. Delivery of this document does not imply, and is not to be relied upon as a representation or warranty that: (i) there has been no change since the Preparation Date in the business, operations, financial condition, prospects, creditworthiness, status or affairs of the Company or any of the Company’s related bodies corporate or affiliates; or (ii) the information contained in this document remains correct and not misleading at any time after the Preparation Date. The information in this document should be considered dynamic and may change over time. Subject to its obligations at law, Barton has no responsibility or obligation to update this document or inform the recipient of any matter arising or coming to their notice after the Preparation Date which may affect any matter referred to in the document. All dollar values expressed in this document are Australian dollars (\$, A\$, or AUD).

# Investment Highlights

*Rapidly Building Scale in a Proven Gold District*

## Strategic SA Platform

- **South Australia:** ~25% of AUS gold, ~2.5% of production<sup>1</sup>
- ~4,660km<sup>2</sup> tenements and JV rights in world class province
- **~1.1Moz Au JORC (2012) Mineral Resources<sup>2</sup> and ownership of the region’s only gold mill**

## Scale Objectives

- Demonstrate multi-million Oz Resource potential
- Develop large-scale production with multiple mills

## Excellent Corporate Platform

- The right **people, assets and plan** to deliver growth
- AUD \$10.8 million cash at 31 Mar 2022<sup>2</sup>
- +20,000m drilling for 2022 (underway<sup>3</sup>) with **Mineral Resource updates planned for end of year**



<sup>1</sup> Government of South Australia – Dept for Energy & Mining, Geoscience Australia

<sup>2</sup> Refer to Prospectus and Barton ASX announcement dated 14 October 2021

<sup>3</sup> Refer to Barton ASX announcement dated 28 April 2022

# Development Strategy

*Build Long-Term Value in Scale, Efficiency & Optionality*

## Leverage Foundations

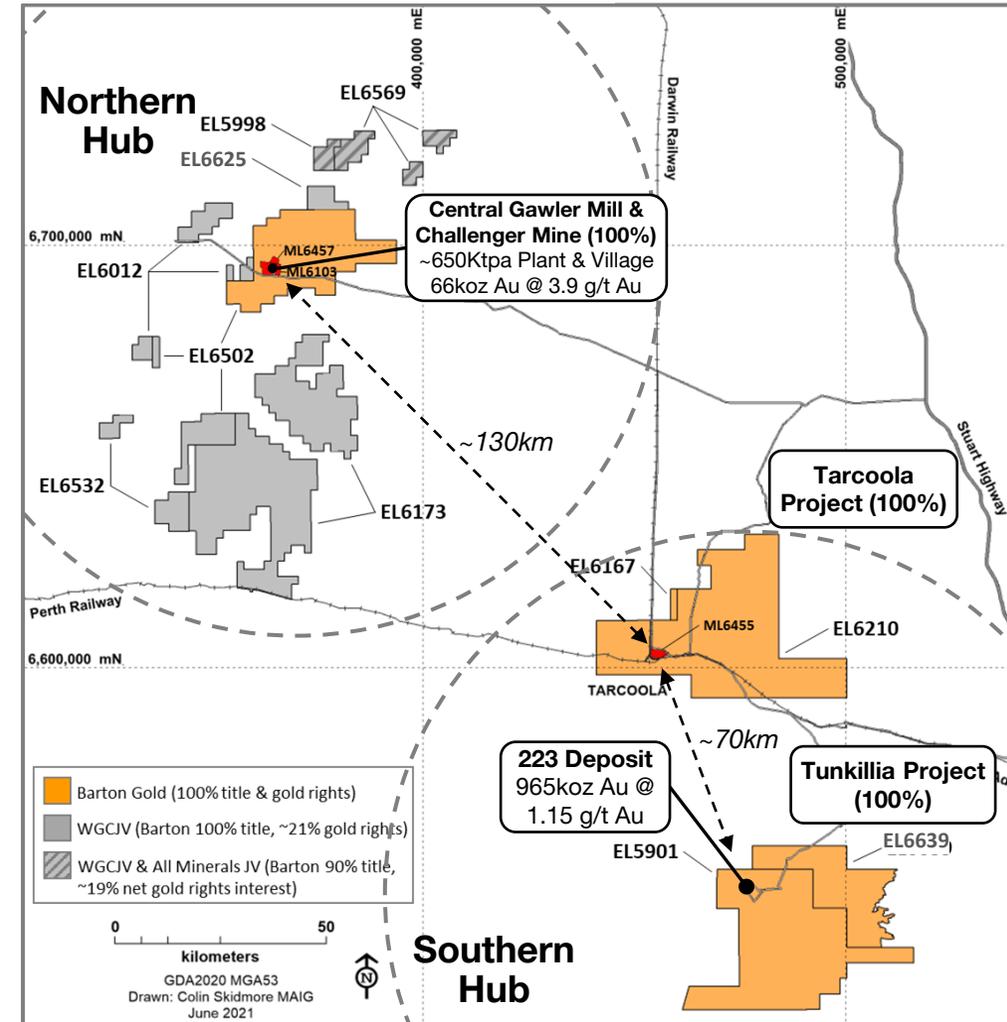
- Southern Hub = key growth development focus
- Northern Hub = development / regional optionality

## Demonstrate Multi-Moz Potential

- **Focus on Southern Hub for Resources growth**
  - Current ~1Moz Au JORC (2012) Resources
  - Limited drilling across +100km of shear zones
- **Focus on shallow, open-pittable mineralisation**
  - Immediate extensions of existing Resources and dozens of high-priority regional targets

## Strategic Infrastructure Position

- **Existing mill = region's only gold mill with limited refurb costs<sup>(1)</sup>, provides leverage to ~319k regional JV ounces<sup>2</sup> and 'Stage 1' development options**



<sup>1</sup> Refer to Prospectus

<sup>2</sup> Refer to Prospectus and Barton ASX announcement dated 14 October 2021

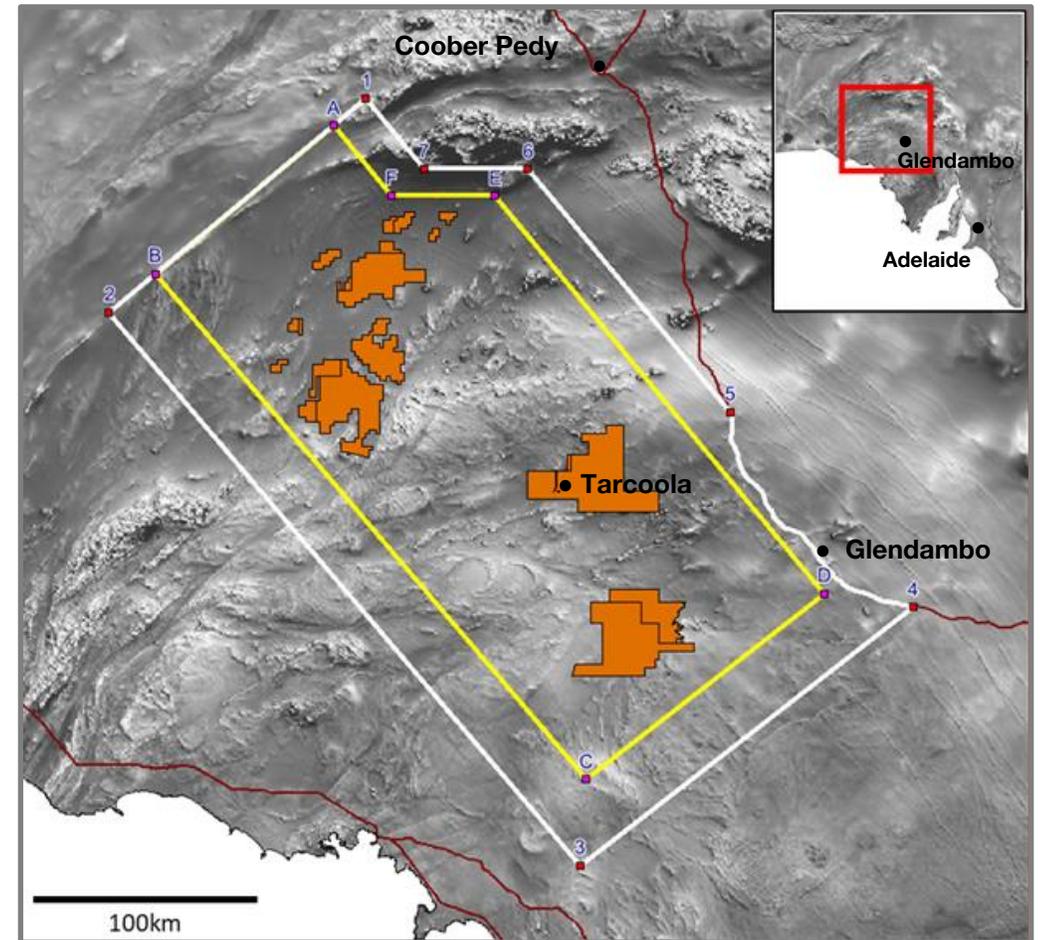
# Innovation Focus

### *Leveraging Technology to Accelerate Outcomes*

- Barton is **driving innovation** in the central Gawler Craton
- Actively testing new applications of old technologies, and trialling novel technologies, to accelerate progress
- Working with CSIRO and other industry-leading innovators and services providers including:



- Major R&D Partnership announced with  SENSORE to adapt AI / ML technology to 60,000km<sup>2</sup> of Gawler Craton<sup>1</sup>
- Significant early successes and Government sponsorship



Barton Gold / SensOre Ltd R&D Partnership Area with Phase I (Yellow) & Phase II (White) Areas of Exclusivity

<sup>1</sup> Refer to Barton ASX announcement dated 21 March 2022

# Rapid Progress Since June 2021 IPO<sup>1</sup>

## *Building Momentum & Value*

### **Exploration (Southern Hub):**

- ✓ Dozens of new gold and copper targets
- ✓ 3 new gold zones: 2km new mineralisation (+66% strike)

### **Corporate:**

- ✓ New SA-based leadership and project / geology teams
- ✓ Awarded \$980,000 in South Australian Govt grants

- ➡ Multiple geophysical / chemical program results pending
- ➡ ~6,400m drill assay results pending
- ➡ Several cash generative corporate initiatives underway

### **Barton is:**

- **developing new geological models;**
- **rapidly growing project footprints; and**
- **laying foundations for large-scale development**

<sup>1</sup> Refer to Barton ASX announcements dated 4 / 6 August, 9 / 13 / 27 / 29 September, 6 / 20 / 27 October, 3 / 8 / 15 November 2021, 7 December 2021, 17 January and 15 June 2022

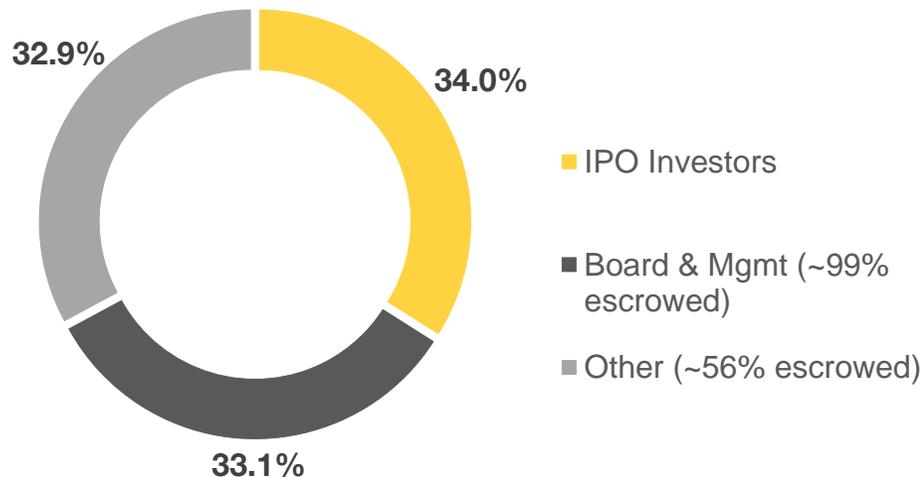
### Capital Structure<sup>1</sup>

Shares on Issue	175,616,719
Market Cap (\$0.20 / share)	\$35.1m
Cash (31 Mar 2022) <sup>2</sup>	\$10.8m
Enterprise Value <sup>3</sup>	\$24.3m
Options on Issue	11,490,080

<sup>2</sup> Refer to Barton ASX announcement dated 28 April 2022.

<sup>3</sup> Based upon market cap less cash at 31 Mar 2022 and nil debt. Subject to rounding.

### Share Distribution<sup>4</sup>



### Board of Directors

<b>Mark Connelly</b> Non-Executive Chairman	<ul style="list-style-type: none"> <li>Finance and operations professional with +30 years' resources experience</li> <li>Chairman of ASX-listed Oklo Resources, Chesser Resources, Calidus Resources</li> </ul>
<b>Ken Williams</b> Non-Executive Chair Elect	<ul style="list-style-type: none"> <li>+30 years' experience in Australian resources, aviation and financial services</li> <li>Formerly Treasurer and CFO for Normandy Mining (Newmont Australia)</li> </ul>
<b>Alexander Scanlon</b> Managing Director & CEO	<ul style="list-style-type: none"> <li>Economist with +15 years' experience in finance and principal investments</li> <li>Founder of Barton Gold and previously MD of PARQ Capital Management</li> </ul>
<b>Christian Paech</b> Non-Executive Director	<ul style="list-style-type: none"> <li>Lawyer with +25 years' experience in private and public / commercial practice</li> <li>Formerly General Counsel and Company Secretary of ASX-listed Santos Ltd</li> </ul>
<b>Graham Arvidson</b> Non-Executive Director	<ul style="list-style-type: none"> <li>Mechanical engineer with +15 years' experience in key project leadership roles</li> <li>GM Operations &amp; Maintenance for Primero Group (NRW Holdings Ltd)</li> </ul>
<b>Neil Rose</b> Non-Executive Director	<ul style="list-style-type: none"> <li>Chartered accountant focused on commercial property and resources</li> <li>Founding Director of Barton Gold and a Director of Tribar Capital</li> </ul>

### Key Management & Technical Team

<b>Nicholas Byrne</b> Chief Financial Officer	<ul style="list-style-type: none"> <li>CPA with ~30 years' resources and engineering sector experience</li> <li>~20 years South Australian experience including as CFO of Heathgate Resources</li> </ul>
<b>Marc Twining</b> Exploration Manager	<ul style="list-style-type: none"> <li>Geologist with +25 years' experience in resources exploration and development</li> <li>Formerly exploration geologist with gold majors Normandy and Newmont</li> </ul>
<b>Ian Garsed</b> Principal Geologist	<ul style="list-style-type: none"> <li>Geologist with +25 years' experience in resources discovery and definition</li> <li>Extensive South Australian gold and IOCG mineralisation experience</li> </ul>
<b>Shannon Coates</b> Company Secretary	<ul style="list-style-type: none"> <li>Qualified lawyer and Chartered Secretary with +25 years' experience</li> <li>Company Secretary to multiple ASX-listed companies</li> </ul>

<sup>1</sup> Refer to Prospectus and Barton ASX announcements dated 12 November 2021 and 8 April 2022

<sup>4</sup> Refer to Prospectus; estimates based upon Company analysis

# Southern Hub Overview

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## *Underexplored Large-Scale Platform*

### Tarcoola

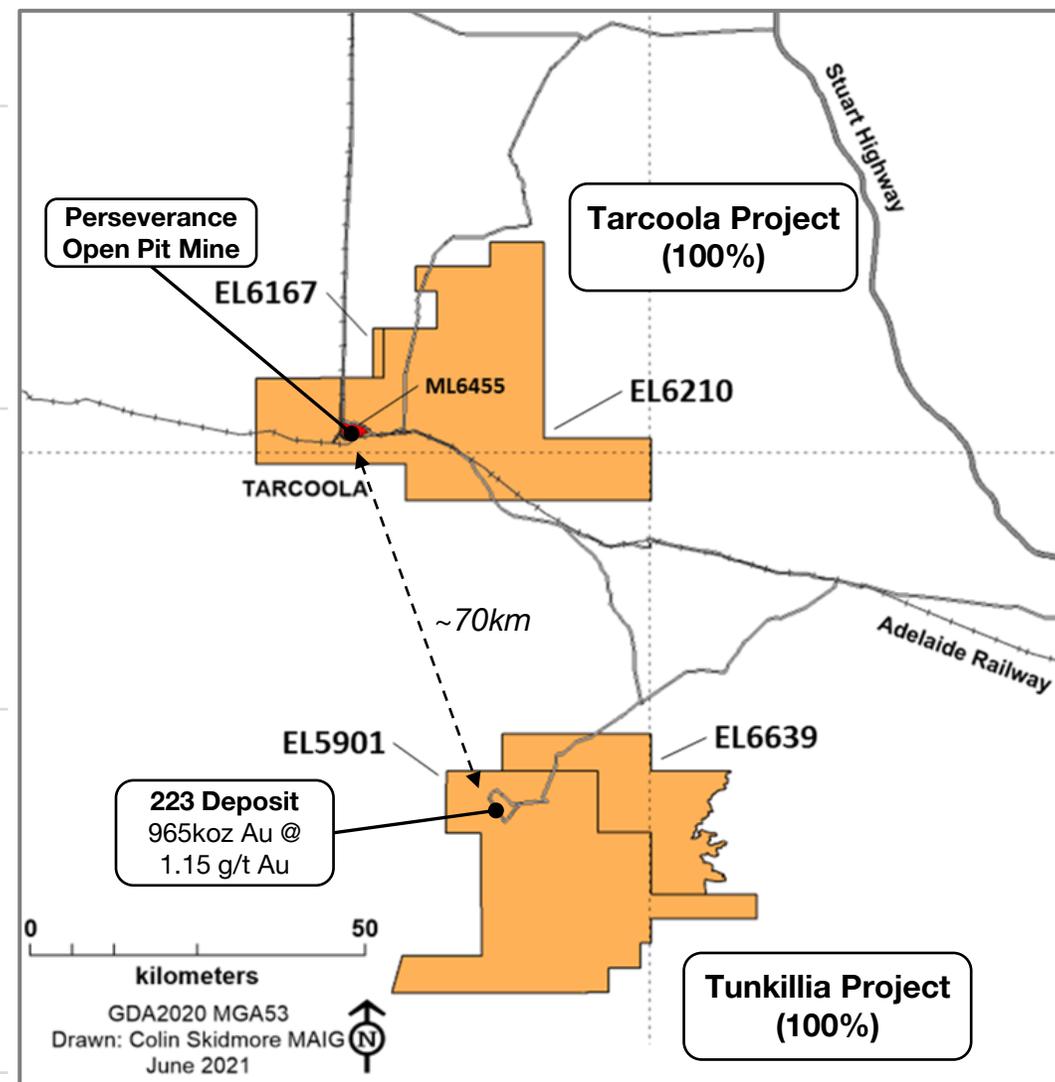
- 100% owned
- 1,202km<sup>2</sup> tenement package<sup>1</sup>
- Perseverance Open Pit mine (2017 / 2018)<sup>1</sup>

### Tunkillia

- 100% owned
- 1,285km<sup>2</sup> tenement package<sup>1</sup>
- 965,000oz Au 223 Deposit (1.15 g/t Au)<sup>1</sup>

### Multi-Million Ounce Gold Potential

- **Two large mineralised systems, ~70km apart, with limited historical drilling**
- **Multiple advanced targets, growing rapidly**
- **2022 drilling programs underway<sup>2</sup>**



<sup>1</sup> Refer to Prospectus

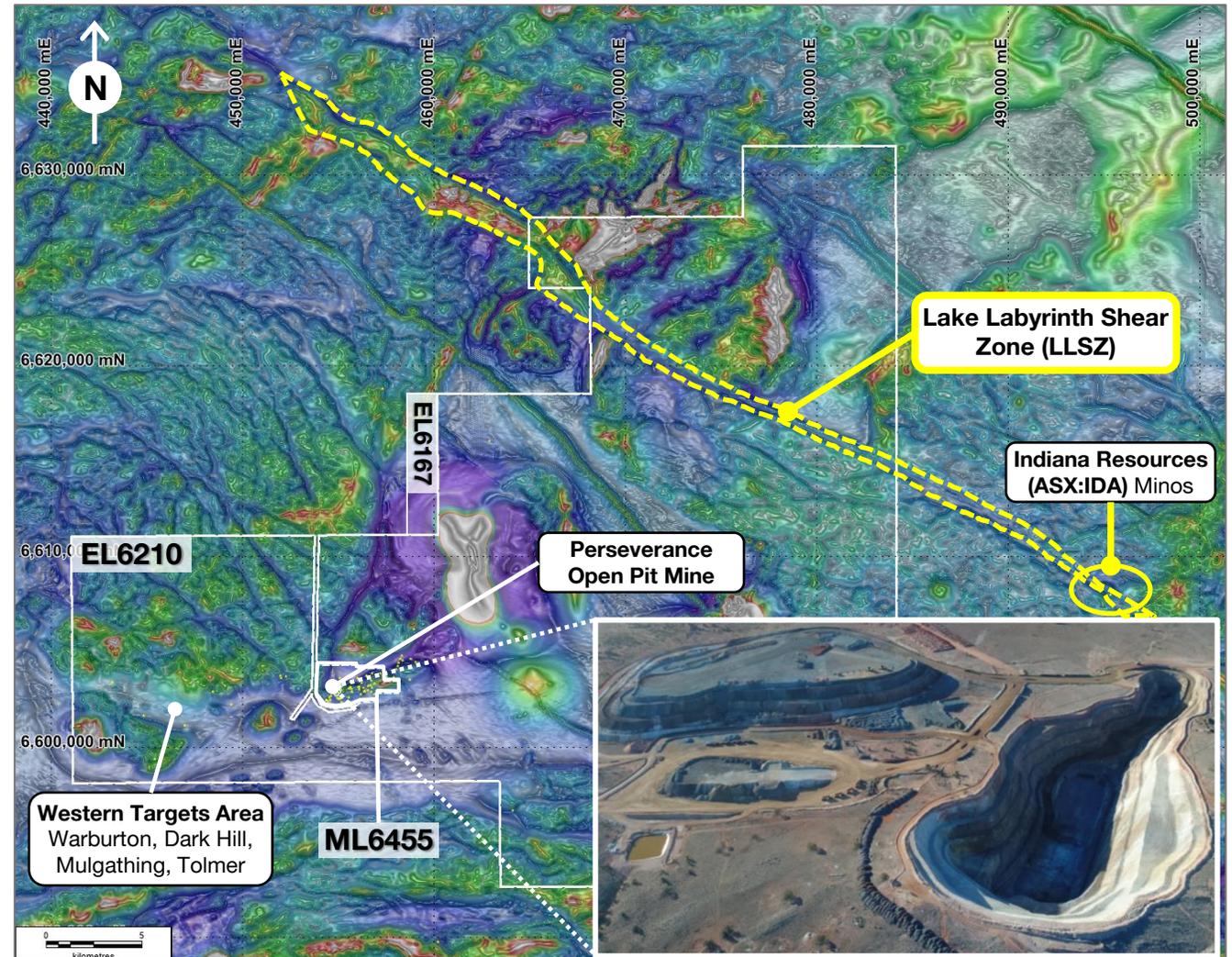
<sup>2</sup> Refer to Barton ASX announcement dated 28 April 2022

# Tarcoola Proven Producer, Scale Potential

**Barton Gold**

## Untested Camp-Scale Systems

- 1,202km<sup>2</sup> contiguous tenement package<sup>1</sup>
- Historical Tarcoola Gold Field **produced ~77koz Au @ avg ~37.5 g/t Au** (1900 – 1955)<sup>1</sup>
- Brownfields open pit opportunities (ML6455):
  - **Produced avg ~3.8 g/t Au ore during 2018** to Barton's Central Gawler Mill<sup>1</sup>
  - **High-grade extensions**<sup>(2)</sup> and local targets<sup>3</sup>
- Rapidly advancing multiple targets across untested regional geology (EL6210):
  - **~14km long shear set near Perseverance<sup>1</sup> and ~20km of Lake Labyrinth Shear Zone**



Tarcoola Project Magnetic RTP with Regional Structure (Inset: Perseverance Mine)<sup>1</sup>

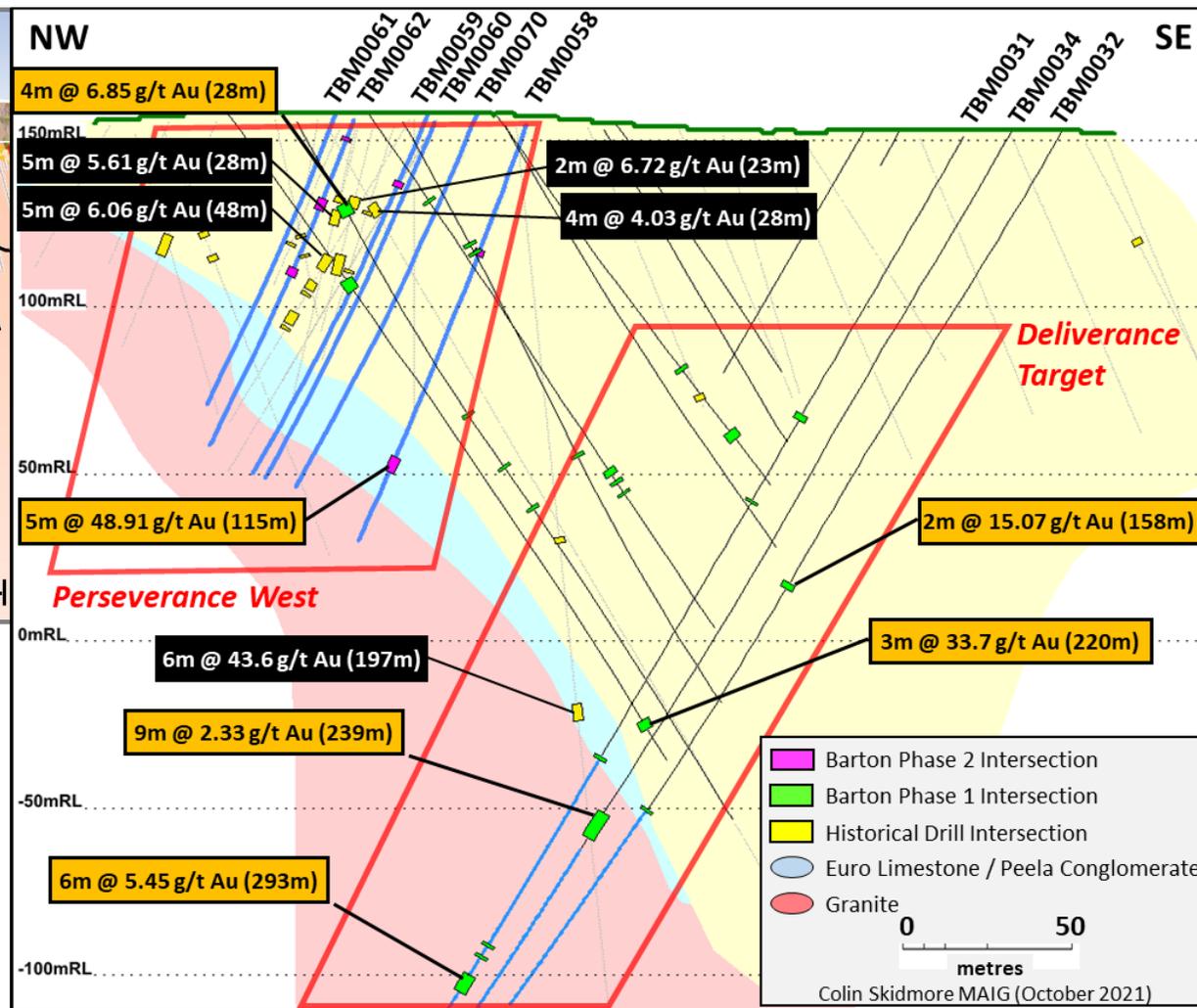
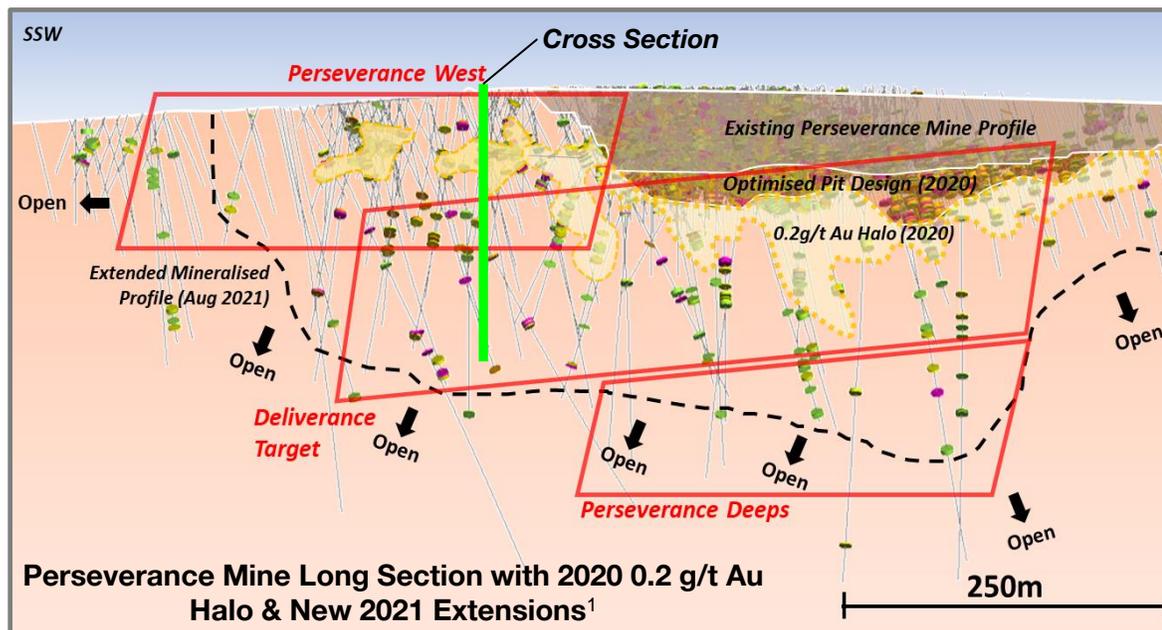
<sup>1</sup> Refer to Prospectus

<sup>2</sup> Refer to Prospectus and Barton ASX announcements dated 20 / 27 October 2021

<sup>3</sup> Refer to Barton ASX announcements dated 12 July and 29 September 2021

# Tarcoola Open Pit Extensions

Majority of Intersections Not Yet Included in Mineral Resources



## Perseverance West:<sup>1</sup>

- 4m @ 6.85 g/t Au [28-32m]
- 7m @ 9.72 g/t Au [42-49m]
- 5m @ 20.6 g/t Au [59-64m]
- 6m @ 8.76 g/t Au [96-102m]
- 4m @ 11.4 g/t Au [111-115m]
- 5m @ 48.9 g/t Au [115-120m]

## Deliverance Target:<sup>1</sup>

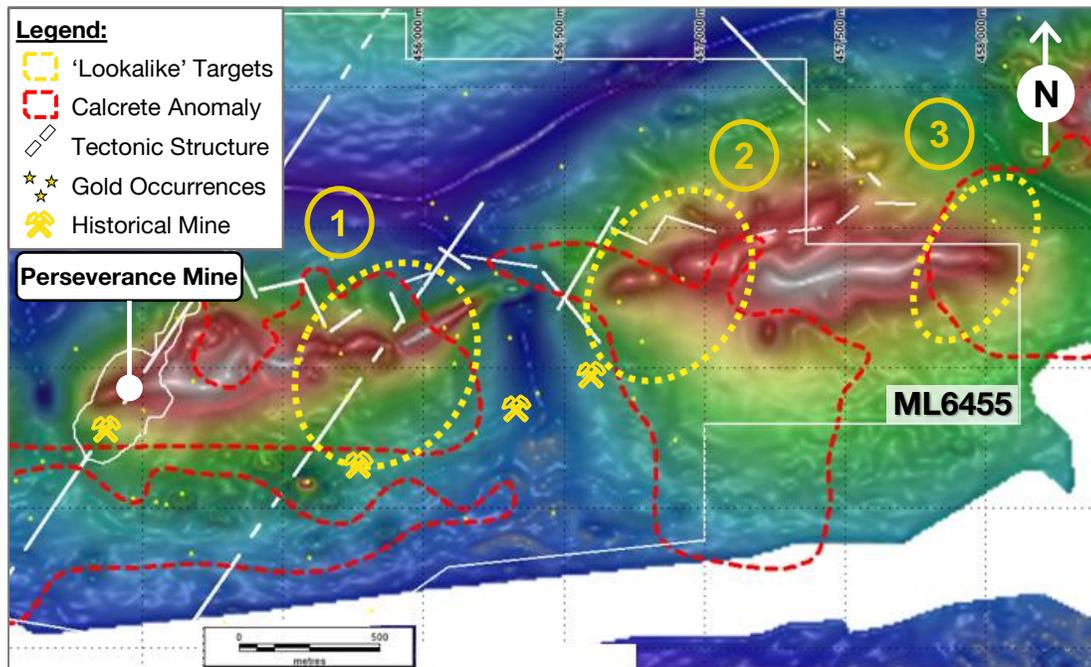
- 5m @ 20.6 g/t Au [59-64m]
- 2m @ 56.7 g/t Au [92-94m]
- 4m @ 11.4 g/t Au [107-111m]
- 4m @ 14.8 g/t Au [138-142m]
- 6m @ 43.6 g/t Au [197-203m]
- 3m @ 33.7 g/t Au [220-223m]

<sup>1</sup> Example drilling results, refer to Prospectus and Barton ASX announcements dated 20 / 27 October 2021

<sup>2</sup> Refer to Barton ASX announcement dated 27 October 2021 for additional details of cross section shown

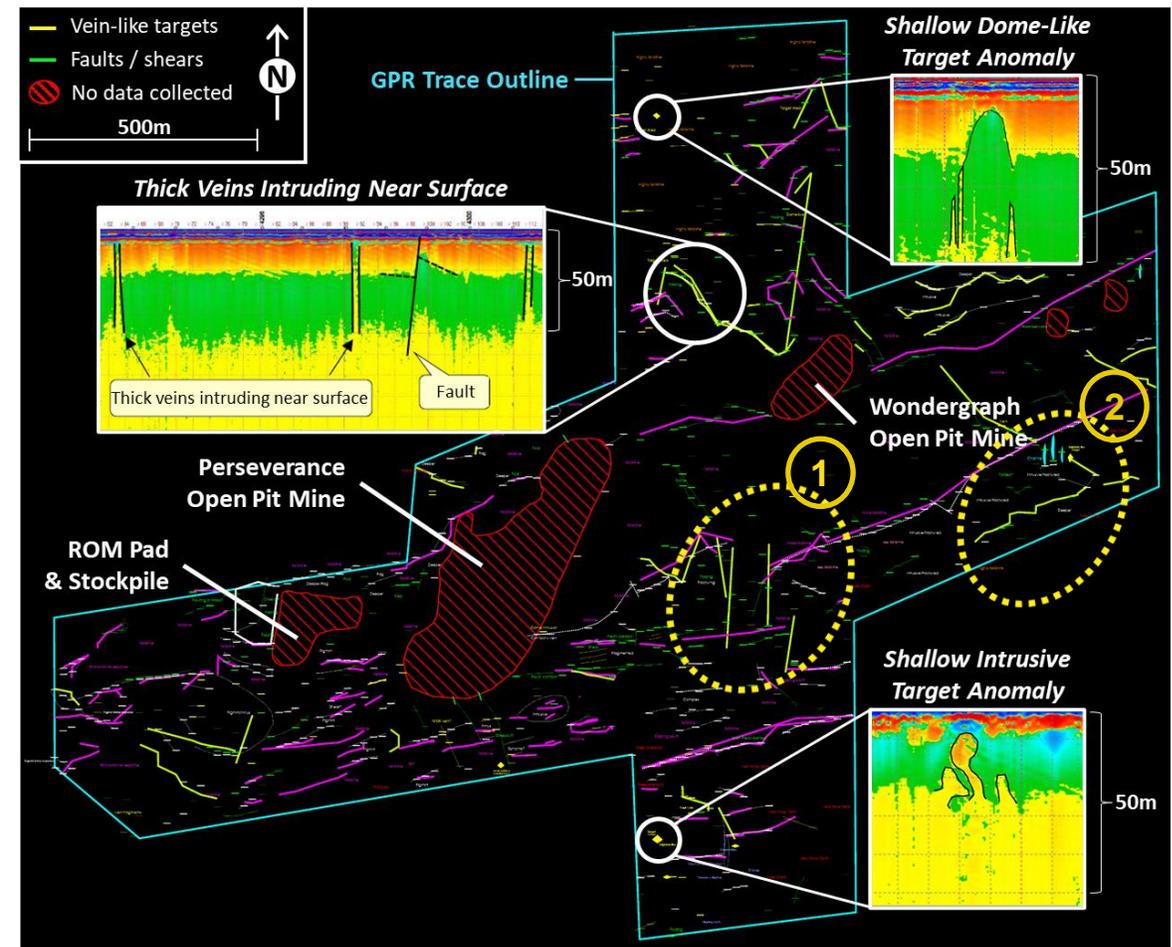
# Tarcoola Multiple Potential Repeats on ML

R&D Applications Providing High-Value Opportunities



Potential Near-Mine 'Perseverance Repeat' Targets within ML6455<sup>1</sup>

- Ground penetrating radar (GPR) confirms pre-IPO theses with **25+ new shallow targets** near open pit<sup>1</sup>
- Vein-like and intrusive targets **from 2 - 10m depth**<sup>1</sup>



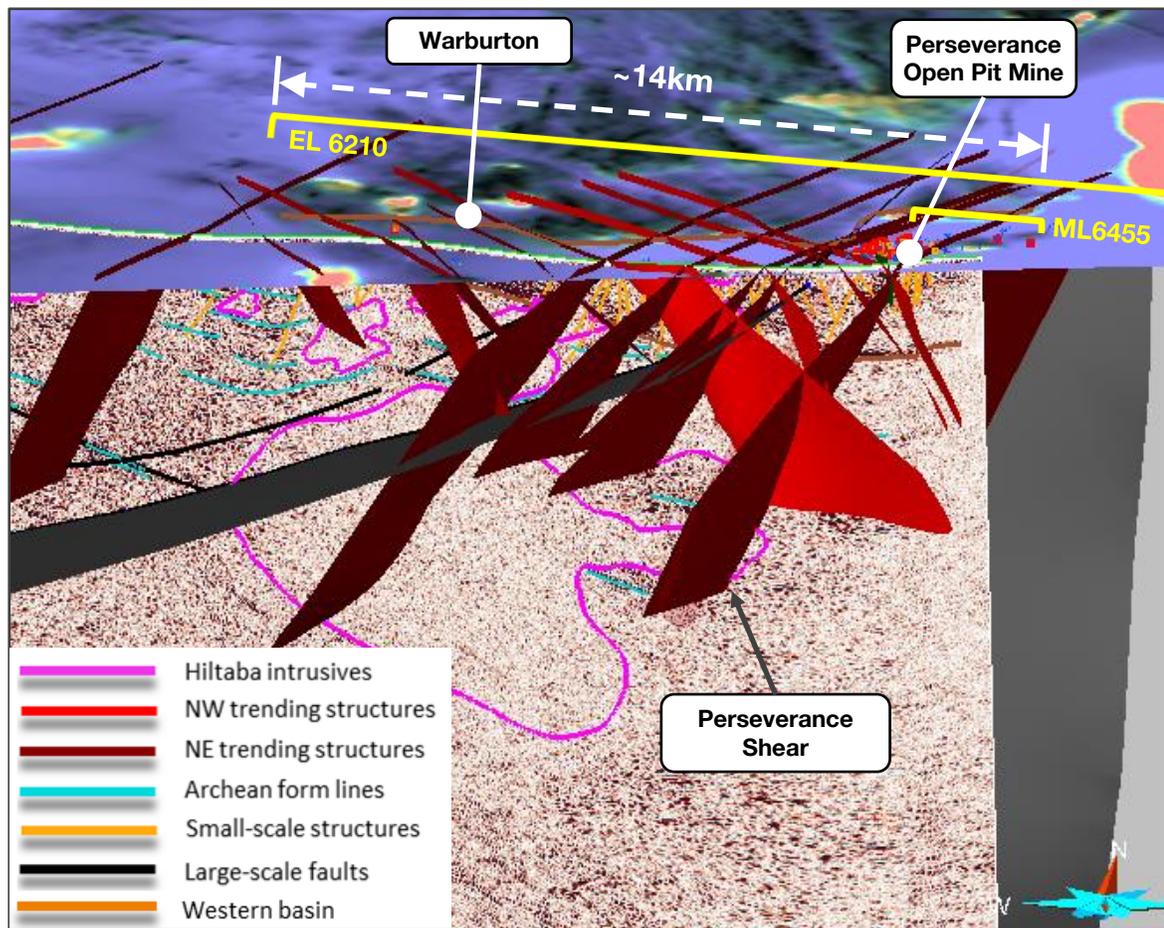
ML6455 – GPR Survey Area with New Vein Targets (Yellow) & Other Anomalies

<sup>1</sup> Refer to Barton ASX announcement dated 29 September 2021

# Tarcoola Camp-Scale Shear Systems

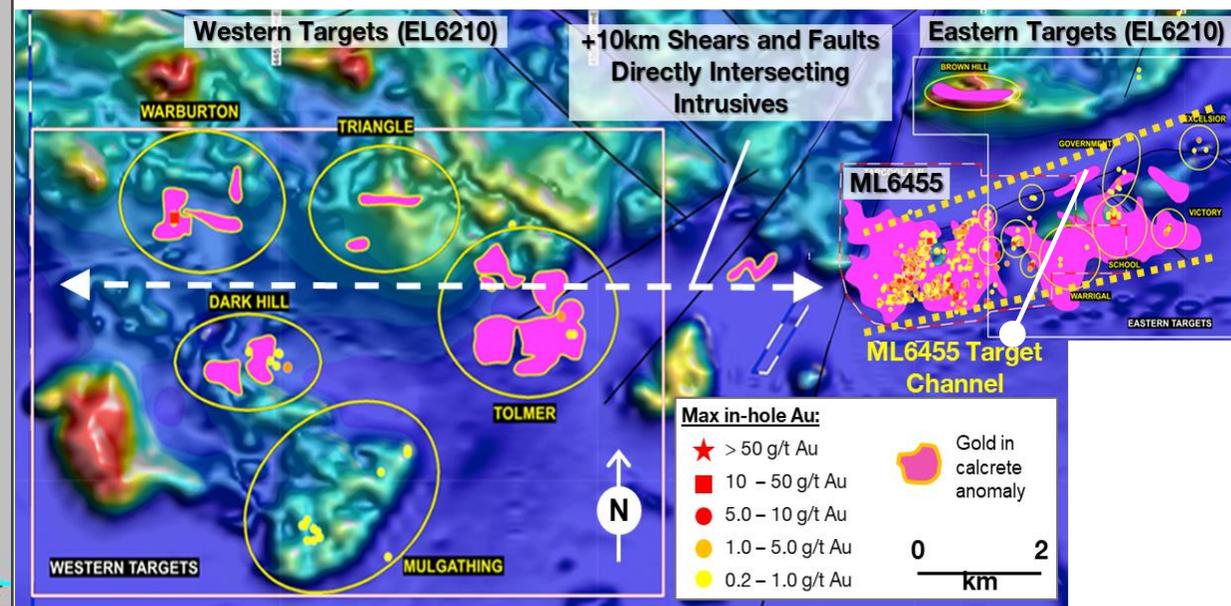
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Significant Regional Discovery Potential<sup>1</sup>



Tarcoola Interpreted Structural Architecture in 3D (Looking N/NW)<sup>1</sup>

- **New structural model (2020)** – 14km of analogous shears indicates significant potential for ‘Perseverance Repeats’<sup>1</sup>
- **Validates historical data** – AngloGold drilling (Sep 1997) at Warburton includes **16m @ 3.4 g/t Au from 4m depth**<sup>2</sup>



Priority Regional Targets Overlying Regional Architecture<sup>1</sup>

<sup>1</sup> Refer to Prospectus

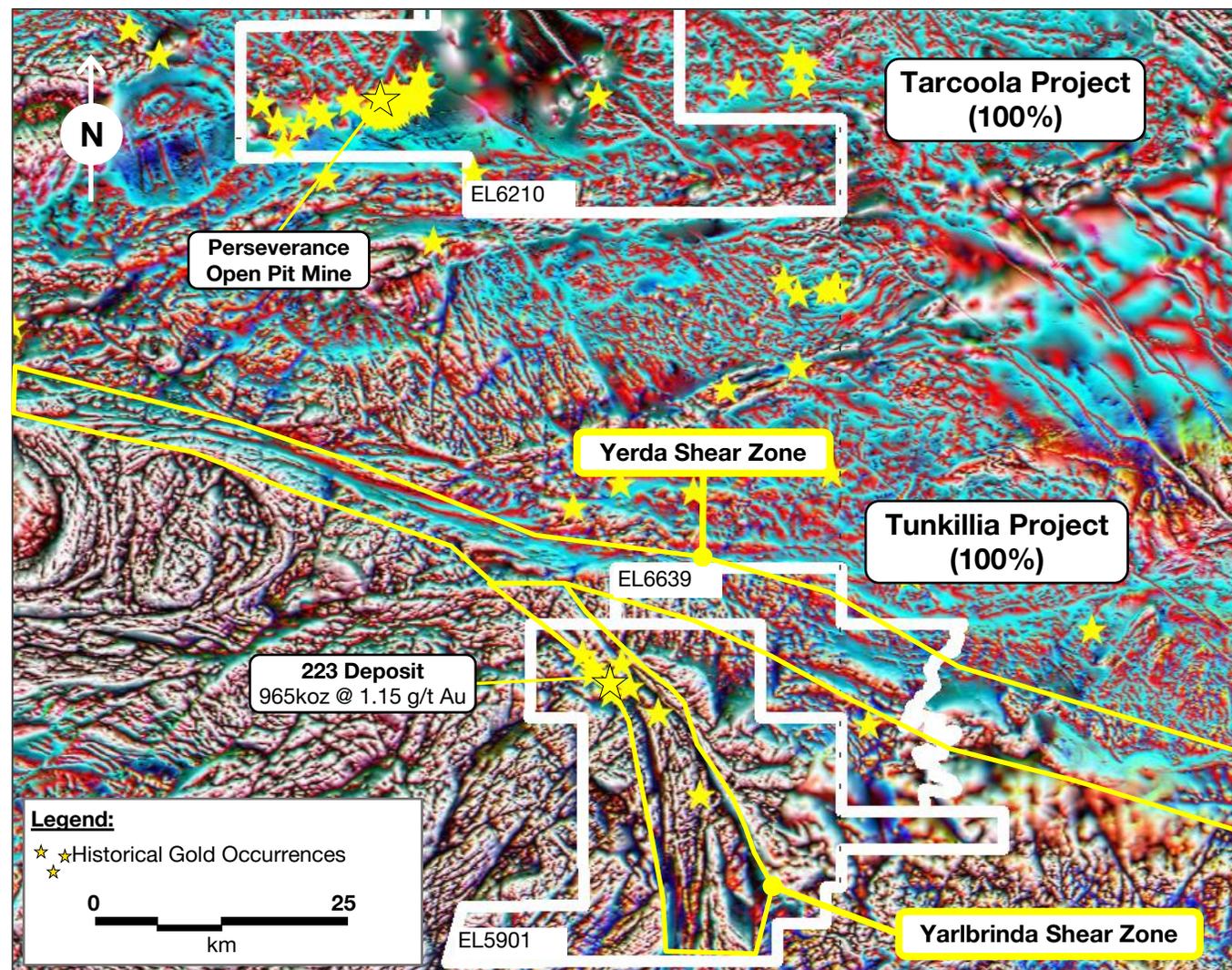
<sup>2</sup> Refer to Barton ASX announcement dated 10 March 2022

# Tunkillia ~1Moz Au Growth Platform

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## Large-Scale Mineralisation

- 1,285km<sup>2</sup> contiguous tenement package<sup>1</sup>
- ~50km strike on shears analogous to major Kalgoorlie Shear Zone systems<sup>1</sup>
- Cornerstone 223 Deposit with **965koz Au**
  - 1.15 g/t Au, with ~68% Indicated<sup>2</sup>
- Most historical drilling during late 1990s / early 2000s (USD \$300 - 800 / oz gold price)
- **Multiple targets and growing rapidly with:**
  - ~1.5km new mineralisation (total ~4km)
  - ~250m long higher-grade zone confirmed in centre of 223 Deposit<sup>3</sup>



Tunkillia Project with Yerda & Yarlbrinda Shear Zones<sup>1</sup>

<sup>1</sup> Refer to Prospectus

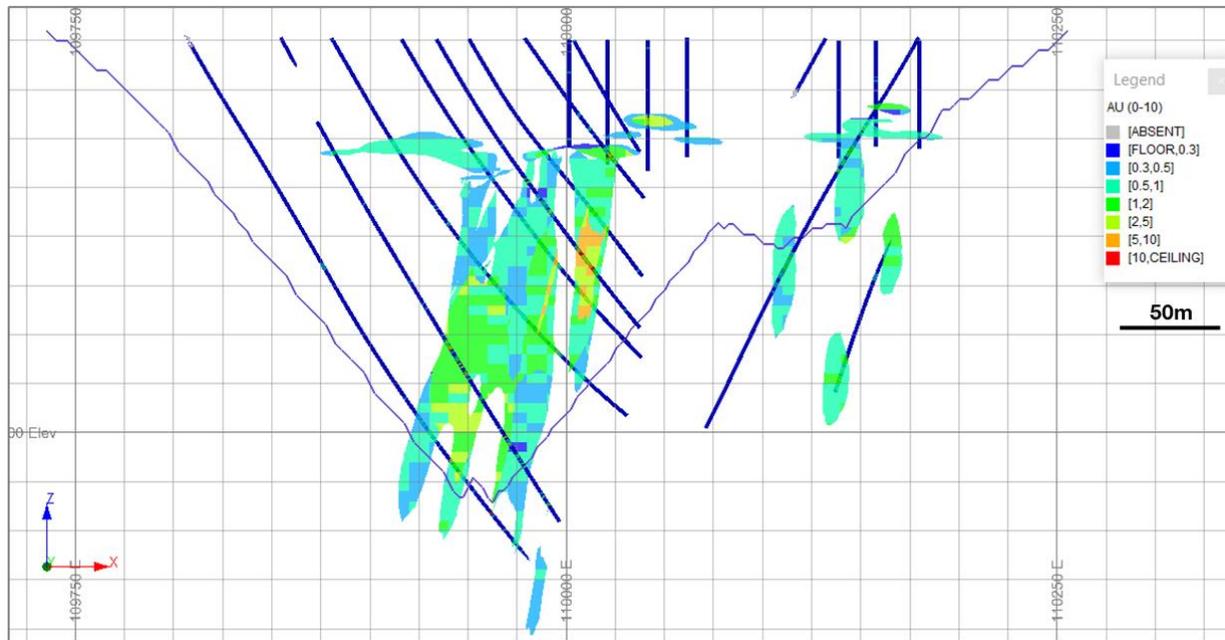
<sup>3</sup> Refer to Barton ASX announcements dated 3, 8 and 15 November 2021

<sup>2</sup> Refer to Prospectus and Barton ASX announcement dated 15 November 2021; 223 Deposit Mineral Resource Estimate consists of 26.1Mt @ 1.15 g/t Au)

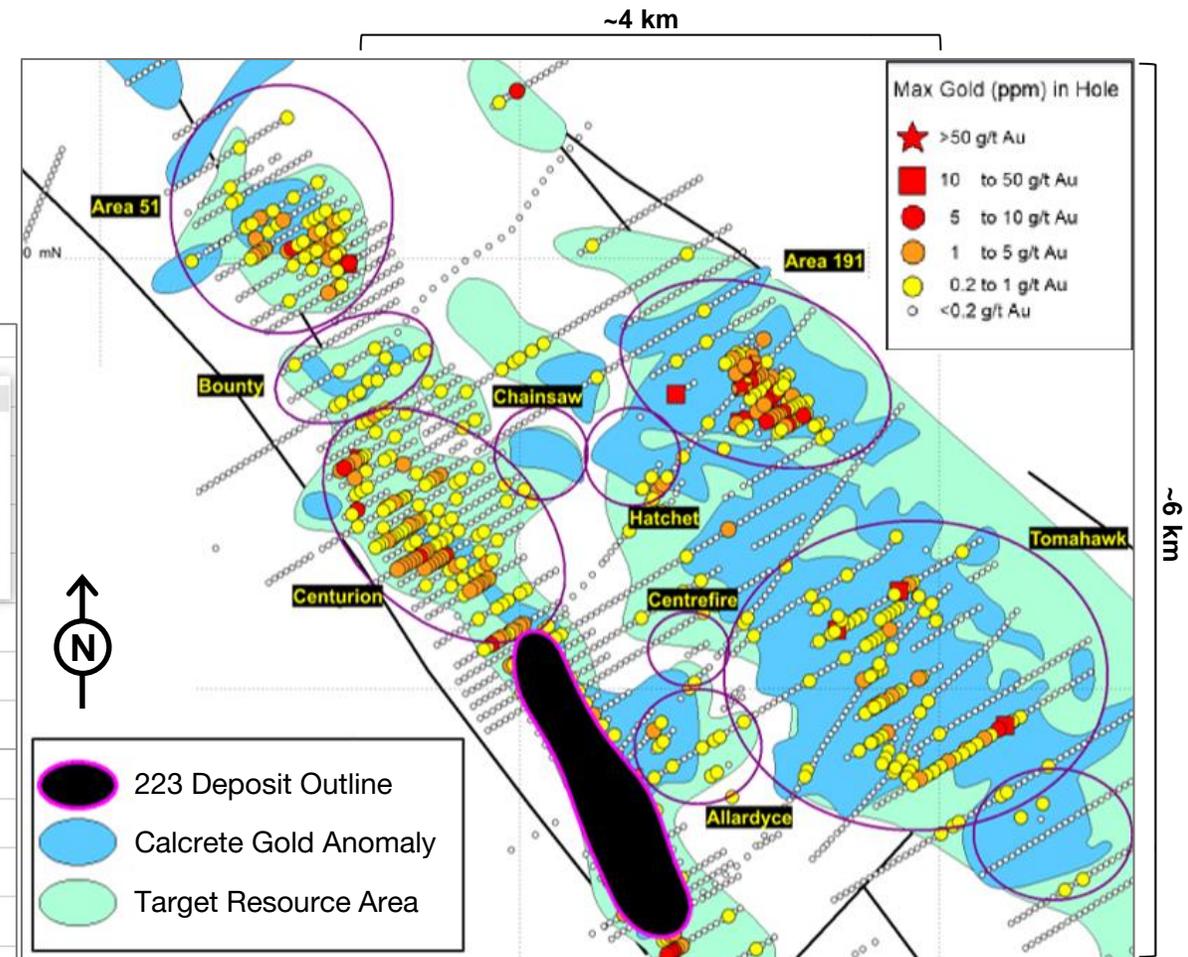
# Tunkillia High Value Road Map

Advanced Targets = Immediate Camp-Scale Opportunity

- 223 Deposit: ~2.5km long with **broad mineralisation and higher-grade domains**, open to extensions
- Advanced satellite targets** are prospective for large-scale discoveries and significant new mineralisation<sup>1</sup>



Cross-Section Through 111,450mN Showing Block Model, Drillholes and RPEEE Optimised Pit Outline (Blocks and Drillholes Coloured by Au Grade – See Legend)<sup>1</sup>



Tunkillia Project Showing 'Line of Lode' Mineralised Targets Along Western and Eastern Shear Margins<sup>1</sup>

<sup>1</sup> Refer to Prospectus

# Tunkillia Rapid Growth

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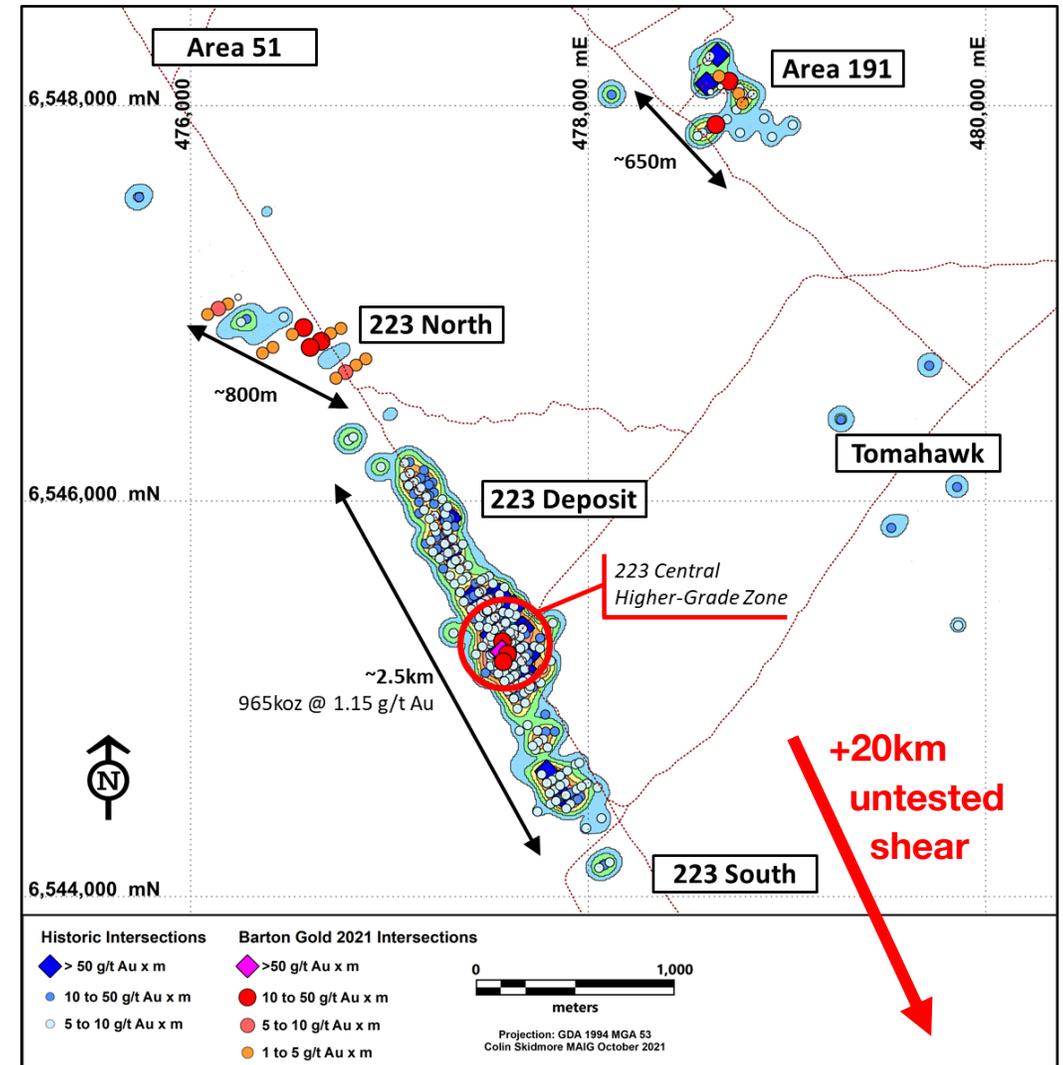
## Converting Historical Data with New Analysis

- The 223 Deposit is part of a much larger mineralised system
- **Rapidly expanding footprint:**<sup>2</sup>
  - **2 new gold zones** (223 North and Area 191)
  - **60% increase in mineralised strike** to a total ~4km
  - **250m long higher-grade zone** in 223 Deposit:

**Hole TKB0025: combined 44m @ avg 3.4 g/t Au**

5m @ 4.98 g/t Au (68-73m)	17m @ 4.31 g/t Au (111-128m)
7m @ 2.20 g/t Au (79-86m)	15m @ 2.28 g/t Au (139-154m)

- Potential to apply new tech and predictive models across next **+20km of untested Yarlbrinda Shear Zone**



Tunkillia Project with 223 Deposit, 223 North and Area 191 Gold Zones<sup>2</sup>

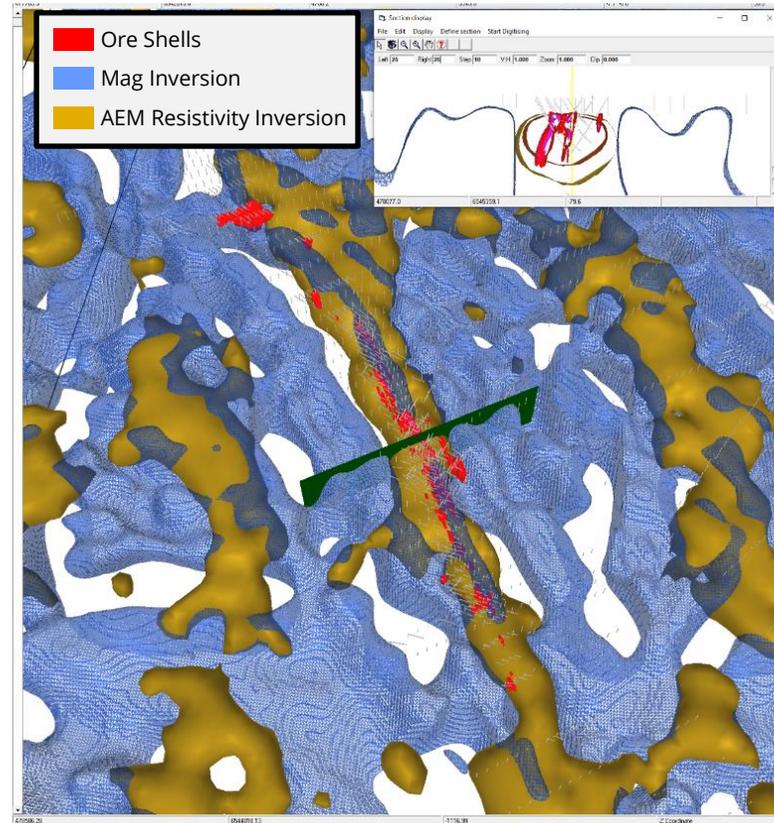
<sup>1</sup> Refer to Prospectus

<sup>2</sup> Refer to Barton ASX announcements dated 3 / 8 / 15 November 2021

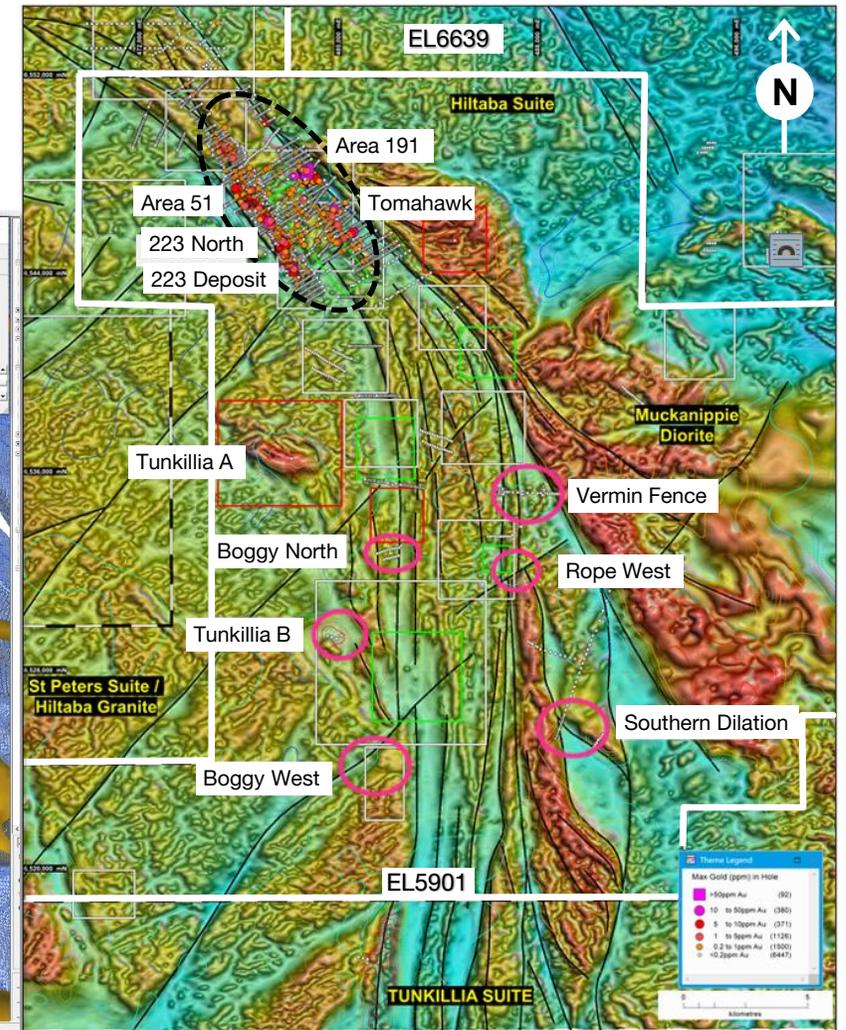
# Tunkillia Untapped District Scale Potential

## Major Structure in Historical Gold District

- Yarlbrinda Shear Zone mostly untested despite 223 Deposit
- 223 Deposit covers only a tiny portion of structure
- Technology driving new predictive target models
- **Drilling validates models** for 223 North and 191 areas
- **Models predict southern repeats** of mineralisation
- **Targeting district scale discoveries** and development



223 Deposit Cross Section w/ Magnetic Inversion & AEM Resistivity Inversion



Tunkillia Regional Targets Along Yarlbrinda Shear Zone<sup>1</sup>

<sup>1</sup> Refer to Prospectus

# Conclusion

## *Driving Towards Asset Development*

- **Strategic platform** with majority of regional gold Resources and ownership of only regional mill
- **Clear opportunities** for major regional discoveries **and well capitalised** for aggressive exploration
- **Leveraging innovation** to identify new opportunities **and growing rapidly** at Tarcoola and Tunkillia
- **Excellent team, relationships and support** from local and Government stakeholders driving quality progress
- ➔ **First mover advantage in proven district, with advanced assets and infrastructure leverage**



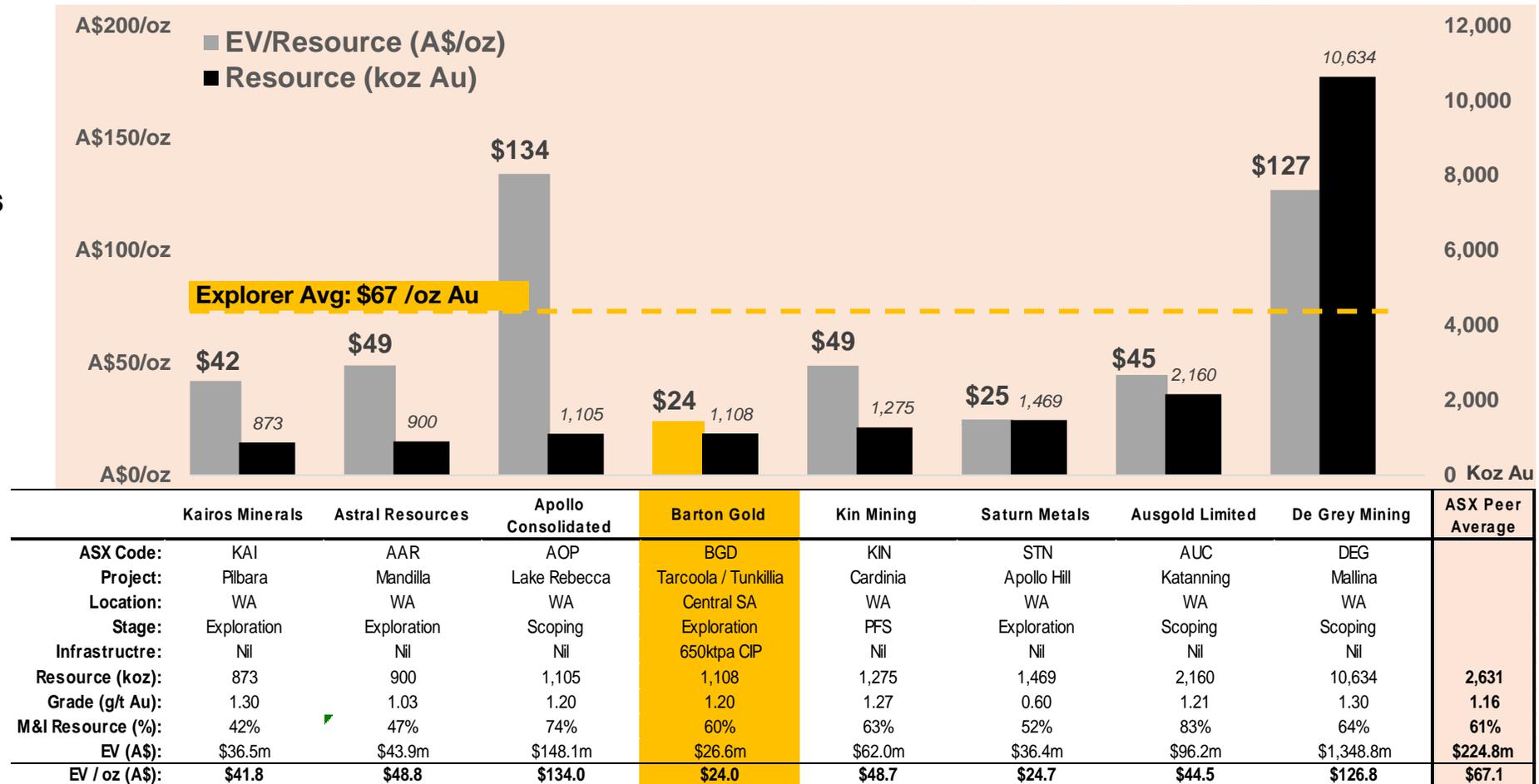
**Barton is building outsized long-term shareholder value in a premium, low-risk gold jurisdiction**

# Compelling Value

*Positioned to Outperform*

**Barton Gold ASX Peer Group<sup>1</sup>**  
**ASX Listed, Australian Open Pit Projects (sub 1.3 g/t Au)**

- Only SA representative among ASX peer group
- Priced at ~1/3 WA peers on EV / Resource basis
- Only peer constituent with mill infrastructure
- Multiple growth and development pathways
- Well capitalised, with significant upcoming news flow / catalysts



<sup>1</sup> See Peer Comparison Data Sources at annexures; based upon ASX share prices as at market close on Friday, 10 June 2022. Average Grade is weighted average by tonnes and grade. Apollo Consolidated (AOP) is a 'transaction comparable' and was acquired by Ramelius Resources and removed from Official List of the ASX on 16 Dec 2021

### **Barton Gold**

Suite 5, 62 Ord Street, West Perth, WA 6005 Australia  
[contact@bartongold.com.au](mailto:contact@bartongold.com.au)

[www.bartongold.com.au](http://www.bartongold.com.au)

**Alexander Scanlon**  
Managing Director & CEO  
[a.scanlon@bartongold.com.au](mailto:a.scanlon@bartongold.com.au)  
+61 425 226 649

**Mark Connelly**  
Non-Executive Chairman  
[mark@mconnelly1.com](mailto:mark@mconnelly1.com)  
+61 408 902 651

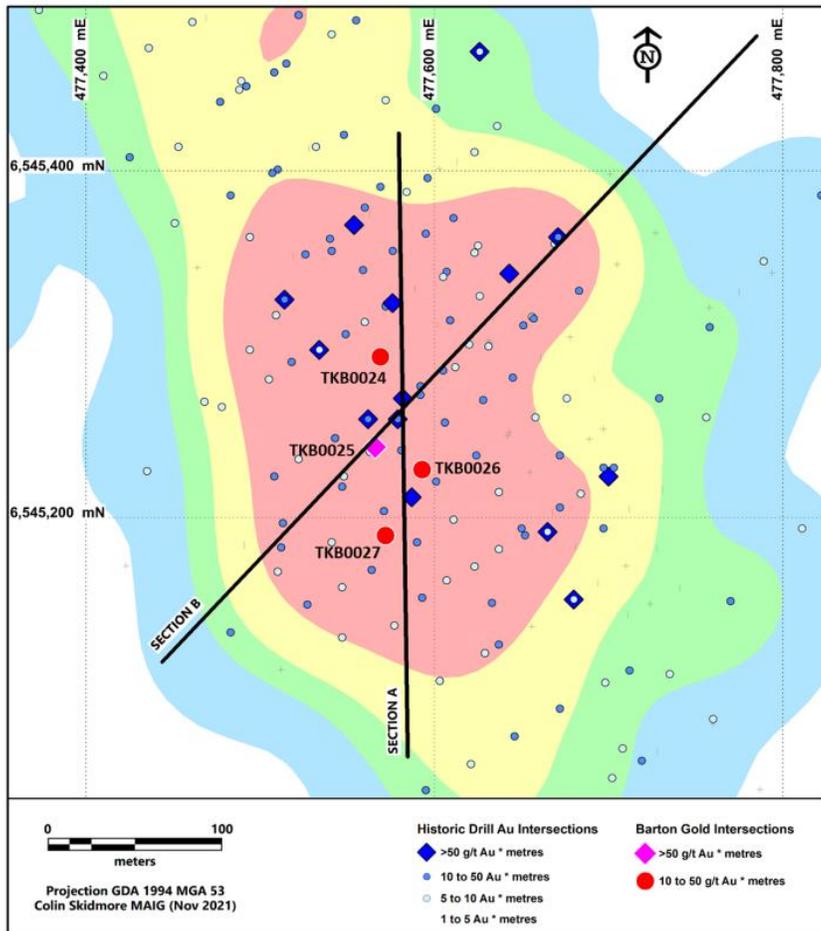
**Shannon Coates**  
Company Secretary  
[cosec@bartongold.com.au](mailto:cosec@bartongold.com.au)  
+61 8 9322 1587

# Annexures

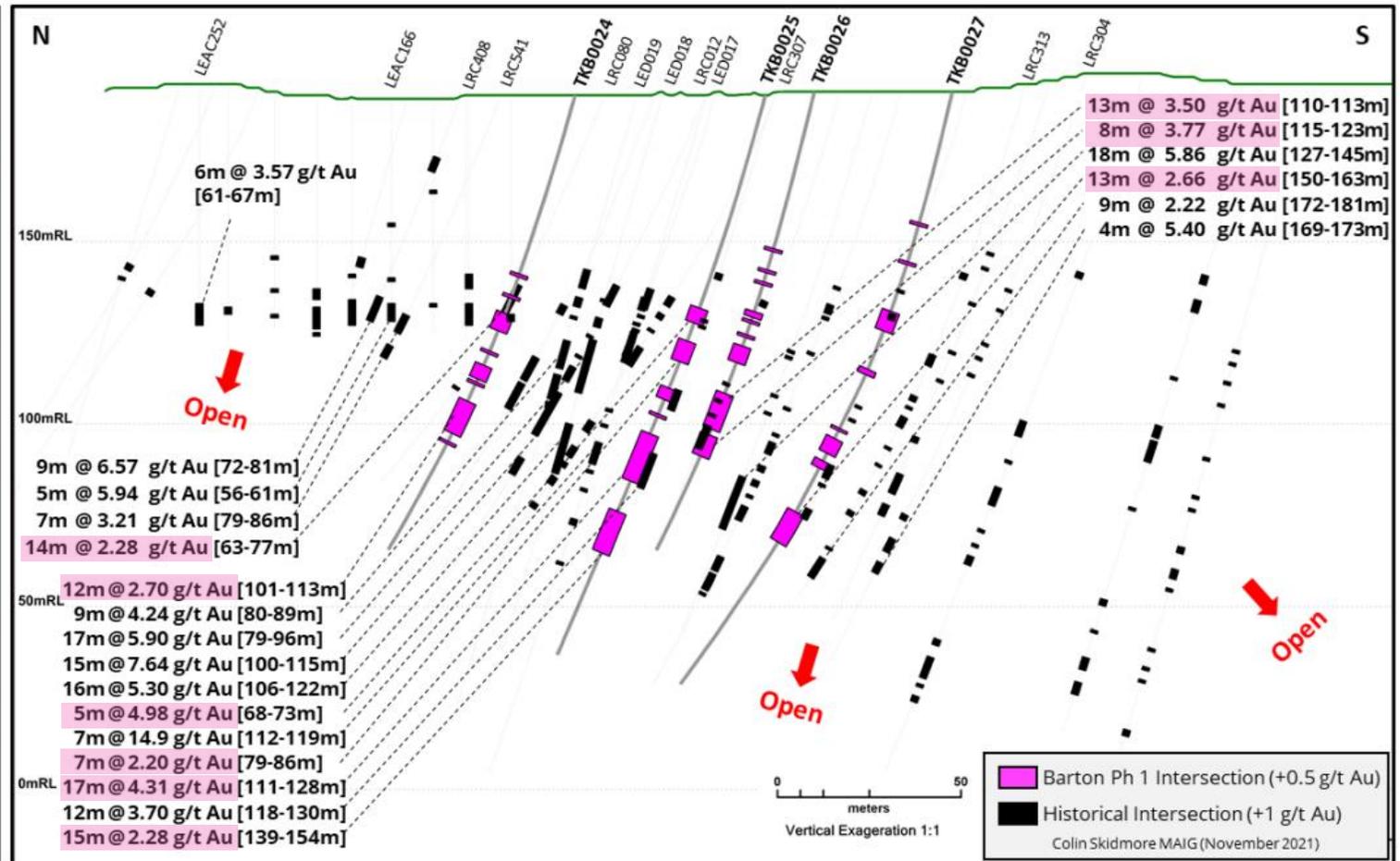
# Tunkillia Central 223 Deposit

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Validating the High Grade (+2g/t Au) Domaining<sup>1</sup>



Tunkillia Central Area 223 Significant Intersections<sup>2</sup>



Tunkillia Central Area 223 Long Section with Significant Intersections<sup>2</sup>

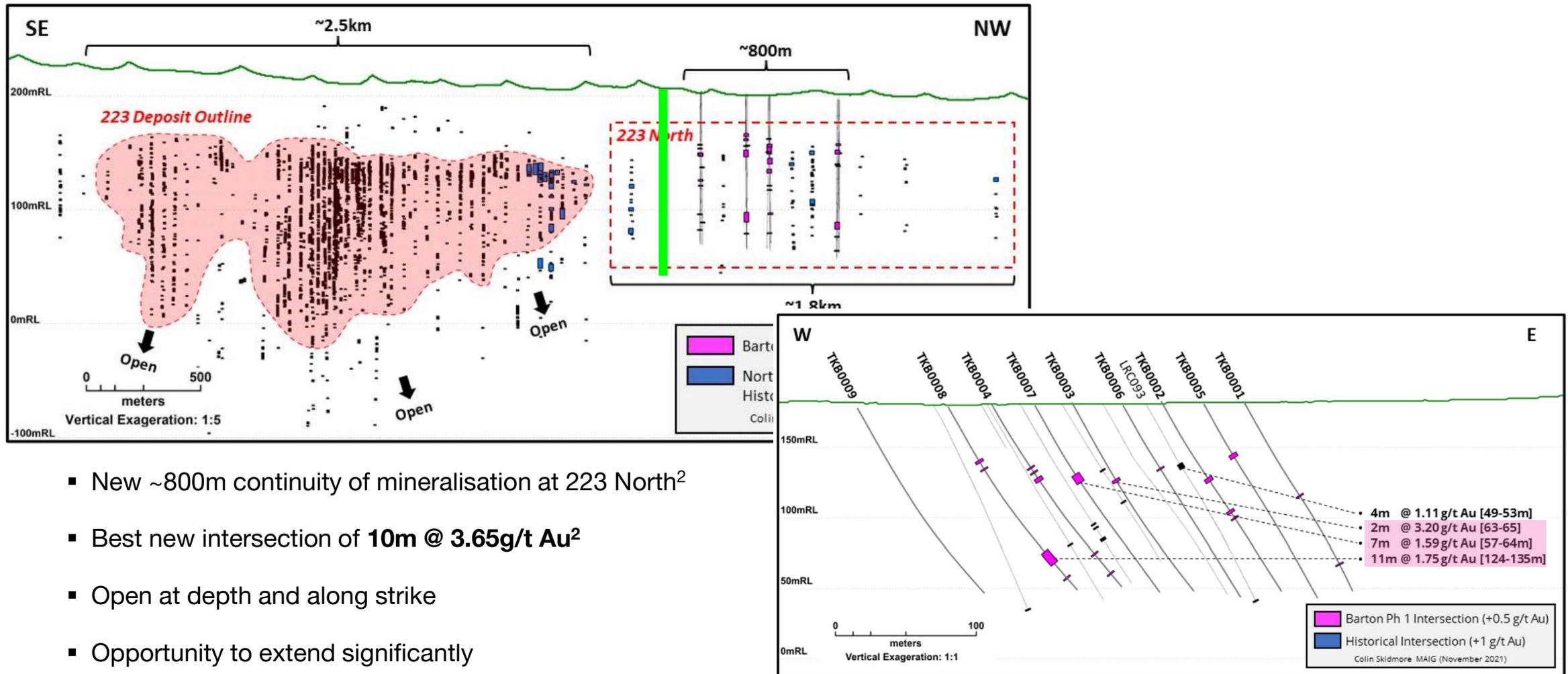
<sup>1</sup> Refer to Prospectus

<sup>2</sup> Refer to Barton ASX announcement dated 15 November 2021

# Tunkillia 223 North

Barton Gold

Shallow and Open - Potential for Depth and Strike Additions<sup>1,2</sup>



- New ~800m continuity of mineralisation at 223 North<sup>2</sup>
- Best new intersection of **10m @ 3.65g/t Au<sup>2</sup>**
- Open at depth and along strike
- Opportunity to extend significantly

<sup>1</sup> Note - Intersection cutoff grades 0.5 g/t Au (Barton Phase 1 drilling) and 1.0 g/t Au (historical drilling). Intersection lengths are not true widths.

<sup>1</sup> Refer to Prospectus

<sup>2</sup> Refer to Barton ASX announcement dated 3 November 2021

# Peer Comparison Data Sources

All Data Sourced from Company Materials Published on ASX Platform

Company:	Astral Resources	Kairos Minerals	Saturn Metals	Apollo Consolidated	Barton Gold	Kin Mining	Ausgold Limited	De Grey Mining
<b>ASX Code:</b>	AAR	KAI	STN	AOP	BGD	KIN	AUC	DEG
<b>Project:</b>	Mandilla	Pilbara	Apollo Hill	Lake Rebecca	Tarcoola / Tunkillia	Cardinia	Katanning	Mallina
<b>Location:</b>	WA	WA	WA	WA	Central SA	WA	WA	WA
<b>Stage:</b>	Exploration	Exploration	Exploration	Scoping	Exploration	PFS	Scoping	Scoping
<b>Ownership:</b>	100%	100%	100%	100%	100%	100%	100%	100%
<b>Enterprise Value Inputs:</b>								
# Shares	2021.12.31 ASXR	2022.01.20 ASXR	2021.12.07 ASXR	2021 AR	2021 AR	2021.11.12 ASXR	2022.05.02 ASXR	2022.03.15 ASXR
Market Price	CommSec	CommSec	CommSec	CommSec	CommSec	CommSec	CommSec	CommSec
Market Price Date	10-Jun-22	10-Jun-22	10-Jun-22	10-Jun-22	10-Jun-22	10-Jun-22	10-Jun-22	10-Jun-22
Cash	2022.03.31 QCF	2022.03.31 QCF	2022.03.31 QCF	2021.09.30 QCF	2022.03.31 QCF	2022.03.31 QCF	2022.05.26 ASXR	2022.03.31 QCF
Liabilities	2021.12.31 HYR	2021.12.31 HYR	2021.12.31 HYR	2021 AR	2021.12.31 HYR	2021.12.31 HYR	2021.12.31 HYR	2021.12.31 HYR
<b>Mineral Resources Data:</b>								
Measured (Mt)	0.000	0.000	0.000	0.000	0.000	0.800	19.000	4.700
Grade Au	0.00	0.00	0.00	0.00	0.00	1.16	1.31	1.70
koz Au	0	0	0	0	0	30	800	265
Indicated (Mt)	12.285	8.565	41.000	19.200	17.700	16.700	26.800	153.400
Grade Au	1.06	1.33	0.58	1.30	1.20	1.43	1.14	1.30
koz Au	427	366	760	815	669	770	984	6,590
Inferred (Mt)	14.572	12.264	35.000	9.900	10.970	13.600	9.500	92.600
Grade Au	1.00	1.28	0.62	0.90	1.20	1.09	1.03	1.30
koz Au	473	507	710	290	439	474	370	3,779
<b>Total (Mt)</b>	<b>26.86</b>	<b>20.93</b>	<b>76.00</b>	<b>29.10</b>	<b>28.68</b>	<b>31.10</b>	<b>56.00</b>	<b>250.70</b>
<b>Grade Au</b>	<b>1.03</b>	<b>1.30</b>	<b>0.60</b>	<b>1.20</b>	<b>1.20</b>	<b>1.27</b>	<b>1.21</b>	<b>1.30</b>
<b>koz Au</b>	<b>900</b>	<b>873</b>	<b>1,469</b>	<b>1,105</b>	<b>1,108</b>	<b>1,275</b>	<b>2,160</b>	<b>10,634</b>
Source:	2022.01.18, 2019.04.08 ASXRs	2021.11.25 ASXR	2022.05.02 ASXR	2021.08 CP	2021.09.30 QAR	2021.10.14 CP	2022.05.25 ASXR	2022.05.31 ASXR
<b>Other Data &amp; Sources:</b>	Co Website	Co Website	Co Website	Co Website	Co Website	Co Website	Co Website	Co Website
<b>Other Notes:</b>	Figures subject to rounding AR = Annual Report HYR = Half Year Report ASXR = ASX Release CP = Company Presentation				QAR = Quarterly Activities Report QCF = Appendix 5B Quarterly Cashflow Report EV = Enterprise Value EV = Market Cap + Liabilities / Borrowings (incl Leasing Liabilities) + Derivative Liabilities (if applicable) - Cash + Trade & Other Payables (as working capital adjustment to Cash)			

# JORC (2012) Mineral Resources<sup>1</sup>

**Barton Gold**

Project	Zone	Indicated			Inferred			TOTAL		
		MT	g/t Au	koz Au	MT	g/t Au	koz Au	MT	g/t Au	koz Au
Tunkilla*	Oxide Zone	4.8	1.27	195	1.7	0.92	50	6.5	1.17	245
(100%)	FreshZone	12.7	1.14	465	6.9	1.15	255	19.6	1.14	720
	<b>Sub-Total</b>	<b>17.5</b>	<b>1.17</b>	<b>660</b>	<b>8.6</b>	<b>1.11</b>	<b>305</b>	<b>26.1</b>	<b>1.15</b>	<b>965</b>
Tarcoola*	Perseverance Pit	0.07	1.7	3.8	0.07	1.1	2.4	0.14	1.4	6.2
(100%)	Low Grade Stockpile - Oxide	--	--	--	0.17	1.2	6.9	0.17	1.2	6.9
	Low Grade Stockpile - Fresh	--	--	--	0.06	1.4	2.7	0.06	1.4	2.7
	<b>Sub-Total</b>	<b>0.07</b>	<b>1.7</b>	<b>3.8</b>	<b>0.30</b>	<b>1.2</b>	<b>12.0</b>	<b>0.37</b>	<b>1.3</b>	<b>15.8</b>
Challenger*	Above 215 RL Fault	--	--	--	0.32	4.1	42.6	0.32	4.1	42.6
(100%)	Challenger Deeps (below 90m RL)	--	--	--	0.21	3.5	23.0	0.21	3.5	23.0
	<b>Sub-Total</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>0.53</b>	<b>3.9</b>	<b>65.6</b>	<b>0.53</b>	<b>3.9</b>	<b>65.6</b>
WGCJV**	Golf Bore	0.6	1.0	18	3.2	1.0	100	3.8	1.0	119
(~19-21%)	Campfire Bore	--	--	--	2.8	1.2	109	2.8	1.2	109
	Greenwood	0.1	1.4	7	0.8	1.6	39	0.9	1.6	46
	Monsoon	--	--	--	0.6	0.8	17	0.6	0.8	17
	Typhoon	--	--	--	0.3	1.9	16	0.3	1.9	16
	Mainwood	--	--	--	0.4	1.1	12	0.4	1.1	12
	<b>Sub-Total</b>	<b>0.7</b>	<b>1.1</b>	<b>25</b>	<b>7.99</b>	<b>1.1</b>	<b>294</b>	<b>8.7</b>	<b>1.1</b>	<b>319</b>
<b>TOTAL ATTRIBUTABLE</b>		<b>17.7</b>	<b>1.2</b>	<b>669</b>	<b>10.97</b>	<b>1.2</b>	<b>439</b>	<b>28.68</b>	<b>1.20</b>	<b>1,108</b>

▪ Table shows complete Mineral Resources Estimate (MRE) for each Project on a 100% basis, with Barton's ownership interest indicated for each Project

▪ Total Attributable 1,108koz Au reflects Barton aggregate pro-rata ownership of Project MREs

\*Figures subject to rounding; tonnages are dry-metric tonnes; all Mineral Resources classified as 'inferred' are approximate; cut-off grades applied are 0.4 g/t Au (Tunkillia), 0.4 g/t Au (Tarcoola), 2.0 g/t Au (Challenger), 0.5 g/t Au (WGCJV). ^ WGCJV: Barton has a present gold rights interest of 21.16% in Monsoon and Typhoon and 19.04% in Golf Bore, Campfire Bore, Greenwood and Mainwood.

For clarification and the avoidance of doubt, pursuant to the current terms of the WGCJV and the All Minerals JV, the Company has a present gold rights interest of 21.16% in the Monsoon and Typhoon deposits, and 19.04% in the Golf Bore, Campfire Bore, Greenwood and Mainwood deposits. Accordingly, the Company's approximate attributable Mineral Resources inventory from the WGCJV is 61,400 ounces Au.

<sup>1</sup> Refer to Prospectus and Barton ASX Announcement dated 14 October 2021 for further details of Barton's attributable JORC (2012) Mineral Resources Inventory

# Competent Persons Statements

The information relating to Exploration Results and Mineral Resources in this presentation is extracted from the Company's Prospectus dated 14 May 2021 (**Prospectus**) and Barton ASX announcements dated 29 September, 20 October, 27 October, 3 November, 8 November and 15 November 2021. A copy of the Prospectus is available for download at [www.bartongold.com.au](http://www.bartongold.com.au) or [www.asx.com.au](http://www.asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the Exploration Results and Mineral Resource information included in the Prospectus and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the Prospectus continue to apply and have not materially changed. The Company confirms that the form and context in which the applicable Competent Persons' findings are presented have not been materially modified from the Prospectus.

## **Competent Persons (Tarcoola)**

The information in this presentation that relates to the estimate of Mineral Resources for the Tarcoola Gold Project is based upon, and fairly represents, information and supporting documentation compiled by Dr Andrew Fowler MAusIMM CP (Geo). Dr Fowler is an employee of Mining Plus Pty Ltd and has acted as an independent consultant on Barton Gold's Tarcoola Gold Project, South Australia. Dr Fowler is a Member of the Australian Institute of Mining and Metallurgy (AusIMM) and has sufficient experience with the style of mineralisation, the deposit type 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" (The JORC Code).

The information in this presentation that relates to Exploration Results for the Tarcoola Gold Project prior to 15 November 2021 (including drilling, sampling, geophysical surveys and geological interpretation) is based upon, and fairly represents, information and supporting documentation compiled by Mr Colin Skidmore BSc Hons (Geology) MAppSc. Mr Skidmore is an employee of Mining Plus Pty Ltd and has acted as an independent consultant on Barton Gold's Tarcoola Gold Project, South Australia. Mr Skidmore is a Member of the Australian Institute of Geoscientists (AIG Member 05415) and has sufficient experience with the style of mineralisation, the deposit type 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" (The JORC Code).

The information in this announcement that relates to new Exploration Results for the Tarcoola Gold Project after 15 November 2021 (including drilling, sampling, geophysical surveys and geological interpretation) is based upon, and fairly represents, information and supporting documentation compiled by Mr Marc Twining BSc Hons (Geology). Mr Twining is a full-time employee of Barton Gold Holdings Ltd, and is a Member of the Australasian Institute of Mining & Metallurgy (AusIMM Member 112811) and has sufficient experience with the style of mineralisation, the deposit types 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" (The JORC Code).

## **Competent Person (Tunkillia)**

The information in this presentation that relates to the estimate of Mineral Resources for the Tunkillia Gold Project including drilling, sampling and geological interpretation is based upon, and fairly represents, information and supporting documentation compiled by Dr Andrew Fowler MAusIMM CP (Geo). Dr Fowler is an employee of Mining Plus Pty Ltd and has acted as an independent consultant on Barton Gold's Tunkillia Gold Project, South Australia. Dr Fowler is a Member of the Australian Institute of Mining and Metallurgy (AusIMM) and has sufficient experience with the style of mineralisation, the deposit type 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" (The JORC Code).

The information in this presentation that relates to Exploration Results for the Tunkillia Gold Project (including drilling, sampling, geophysical surveys and geological interpretation) is based upon, and fairly represents, information and supporting documentation compiled by Mr Colin Skidmore BSc Hons (Geology) MAppSc. Mr Skidmore is an employee of Mining Plus Pty Ltd and has acted as an independent consultant on Barton Gold's Tunkillia Gold Project, South Australia. Mr Skidmore is a Member of the Australian Institute of Geoscientists (AIG Member 05415) and has sufficient experience with the style of mineralisation, the deposit type 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" (The JORC Code).

## **Competent Person (Challenger)**

The information in this presentation that relates to the estimate of Mineral Resources for the Challenger Mine is based upon, and fairly represents, information and supporting documentation compiled by Mr Dale Sims, a Competent Person, who is a Chartered Professional Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM) and a Member of the Australian Institute of Geoscientists (AIG). Mr Sims is the principal of Dale Sims Consulting Pty Ltd and an independent consultant engaged by Barton Gold for this work and 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 Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (The JORC Code).

## **Competent Person (Western Gawler Craton Joint Venture)**

The information in this presentation that relates to Exploration Results and the estimate of Mineral Resources for the Western Gawler Craton Joint Venture is based upon, and fairly represents, information and supporting documentation compiled by Mr Richard Maddocks who is a Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Maddocks is an independent consultant geologist with Auranmore Consulting who prepared the information, and 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 December 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resource and Ore Reserves" (the JORC Code).