

# Barton Gold

## New Approach to a Proven South Australian Gold District



**IPO Presentation**  
**28 June 2021**

*Perseverance Mine,  
Tarcoola Project*



# Important Notices

## **Disclaimer**

This document has been prepared by Barton Gold Holdings Limited (ACN 633 442 618) and/or its affiliates (together, “Barton” or the “Company”) for the exclusive use of the party to whom Barton delivers this document (the “Recipient”). The information contained in this document has been prepared in good faith by Barton. However, no representation or warranty, either express or implied, is made as to the accuracy, completeness, adequacy or reliability of the information contained in this document. This document contains only a synopsis of more detailed information in relation to the matters described herein and accordingly no reliance may be placed for any purpose whatsoever on the sufficiency or completeness of such information as presented herein. This document should not be regarded by the Recipient as a substitute for the exercise of its own judgment and the Recipient should conduct its own due diligence in respect of the contents of this document. To the maximum extent permitted by law Barton, its directors, officers, employees, advisers, agents and related bodies corporate (“Barton Gold Group”) disclaim any or all liability for any loss or damage which may be suffered by any person as a result of the use of, or reliance upon, anything contained within or omitted from this document (regardless of whether the loss or damage arises in connection with any negligence, default, lack of care or misrepresentation by the Barton Gold Group or any other cause in connection with the provision of this document or the purported reliance on this document or the information contained in it). To the extent that any provisions in this Important Notices section may be construed as being a contravention of any law of the State or the Commonwealth, such provisions should be read down, severed or both as the case may require and the remaining provisions shall continue to have full force and effect.

This document has been prepared solely for informational purposes. This document does not constitute a prospectus and is not to be construed as a solicitation or an offer to buy or sell any securities, or related financial instruments, in any jurisdiction. The Recipient should not construe the contents of this document as legal, tax, accounting or investment advice or a recommendation. This document does not purport to contain all of the information a Recipient would require to make an informed decision whether to invest in the Company. Specifically, this document does not purport to contain all the information that investors and their professional advisers would reasonably require to make an informed assessment of the Company’s assets and liabilities, financial position and performance, profits, losses and prospects. The Recipient must not rely on the information set out in this document and must make its own independent assessment and consult its own legal counsel, tax and financial advisors concerning any matter described herein. This document does not purport to be all-inclusive or to contain all of the information that the Recipient may require. No investment, divestment or other financial decisions or actions should be based solely on the information in this document. The distribution of this document may be restricted by law in certain jurisdictions.

This document must be treated as strictly confidential and must not be copied, reproduced, distributed, quoted, referred to or distributed to others at any time, in whole or in part, without the prior written consent of Barton.

## **Cautionary Statement Regarding Forward-Looking Information**

The figures, valuations, forecasts, estimates, opinions and projections contained herein involve elements of subjective judgment and analysis and assumption. Barton does not accept any liability in relation to any such matters, or to inform the Recipient of any matter arising or coming to the company’s notice after the date of this document which may affect any matter referred to herein. Any opinions expressed in this material are subject to change without notice, including as a result of using different assumptions and criteria. This document may contain forward-looking statements. Forward-looking statements are often, but not always, identified by the use of words such as “seek”, “anticipate”, “believe”, “plan”, “expect”, “target” and “intend” and statements that an event or result “may”, “will”, “should”, “would”, “could”, or “might” occur or be achieved and other similar expressions. Forward-looking information is subject to business, legal and economic risks and uncertainties and other factors that could cause actual results to differ materially from those contained in forward-looking statements. Such factors include, among other things, risks relating to property interests, the global economic climate, commodity prices, sovereign and legal risks, and environmental risks. Forward-looking statements are based upon estimates and opinions at the date the statements are made. Barton undertakes no obligation to update these forward-looking statements for events or circumstances that occur subsequent to such dates or to update or keep current any of the information contained herein. Any estimates or projections as to events that may occur in the future (including projections of revenue, expense, net income and performance) are based upon the best judgment of Barton from information available as of the date of this document. There is no guarantee that any of these estimates or projections will be achieved. Actual results will vary from the projections and such variations may be material. Nothing contained herein is, or shall be relied upon as, a promise or representation as to the past or future. Any reliance placed by the Recipient on this document, or on any forward-looking statement contained in or referred to in this document will be solely at the Recipient’s own risk. The Barton Gold Group expressly disclaims any and all liability relating or resulting from the use of all or any part of this document or any of the information contained herein.

## **Date and Currency**

This document is dated 28 June 2021 (“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. 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

**Barton Gold**

## *New Approach to a Proven Gold District*

<b>Prime Position</b>	Projects located in South Australia's central Gawler Craton; ~4,730km <sup>2</sup> tenements and JV gold rights in a world-class mineral jurisdiction
<b>New Approach</b>	<b>Dedicated exploration focus targeting regional-scale structures and large-scale Mineral Resources</b> – unlock maximum long-term value
<b>New Potential</b>	<p>New technical work demonstrates <b>significant new upside opportunities</b>:</p> <ul style="list-style-type: none"> <li>▪ <b>Tarcoola</b>: new regional structural model and ~14km long target corridor for potential repeats of the high-grade Perseverance Mine</li> <li>▪ <b>Tunkillia</b>: new higher-grade model with higher-grade zones enhances future development options</li> <li>▪ <b>Underexplored, large-scale systems: significant discovery potential</b></li> <li>▪ <b>Targeting multi-million oz Mineral Resource potential</b></li> </ul>
<b>Significant New Foundation</b>	<ul style="list-style-type: none"> <li>▪ ~1.1Moz Au @ 1.2 g/t Au total attributable Mineral Resources base<sup>1</sup></li> <li>▪ 100% ownership of the region's only gold mill</li> </ul>
<b>Strong Team</b>	Experienced company and project developers, strong technical partners
<b>ASX IPO</b>	Oversubscribed IPO raised \$15 million (before costs) with strong institutional investor support out of Australia, North America and Europe
<b>Exploration</b>	<b>Drilling programs planned, rig secured, and set to commence July 2021</b>



<sup>1</sup> See Section 2.5(c) and Annexures C, D, E, F and G of the Prospectus

# Corporate Overview

**Barton Gold**

## Projects Snapshot

<b>2</b> Exploration Projects	<b>4,730km<sup>2</sup></b> Tenements & JVs
<b>2</b> Brownfield Mines	<b>~1.1Moz Au</b> JORC (2012) Resources <sup>1</sup>
<b>2</b> Exploration JVs	<b>~650Ktpa</b> Gold Mill & Mine Village

## Free Float & Escrow<sup>5</sup>

- **Free float ~49%**
- **All Options and ~89.7m Shares escrowed for 24 months from date of ASX Quotation**
- **~119k Shares escrowed until 14 June 2022**

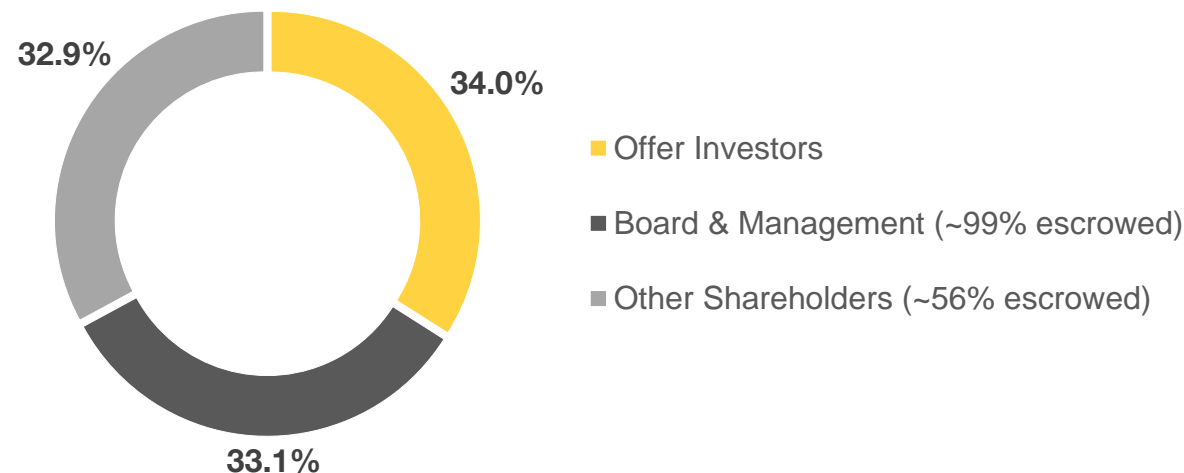
## Capital Structure<sup>2</sup>

Price per Share (@ Offer Price)	\$0.25
Cash (est @ 30 June 2021)	~\$15.1m
Shares on Issue	175,616,719
Market Capitalisation <sup>3</sup>	~\$43.9m
Enterprise Value <sup>3</sup>	~\$28.8m
Options on Issue <sup>4</sup>	9,500,000

<sup>3</sup> Based upon Offer Price, total number of Shares on issue and estimated cash balance. Subject to rounding.

<sup>4</sup> 6.5m Director & Officer Options (\$0.375 strike, expiry 15 Mar 2025), 1.5m IPO Manager Options (\$0.3125 strike, expiry 18 June 2024), and 1.5m IPO Manager Options (\$0.375 strike, expiry 18 June 2024).

## Share Distribution<sup>5</sup>



<sup>1</sup> See Section 2.5(c) and Annexures C, D, E, F and G of the Prospectus

<sup>2</sup> See Key Offer Details and Sections 1.4, 8.2, 8.3, and 8.4 of the Prospectus.

<sup>5</sup> See Prospectus Section 1.15; estimates based upon current Company analysis.

# Experienced Leadership Team

**Barton Gold**

## Board of Directors



### **Mark Connelly** (Non-Executive Chairman)

- Over 30 years' resources experience including senior roles with Newmont, Inmet and Endeavour Mining
- Led US\$570m Papillon Resources / B2Gold & US\$590m Adamus Resources / Endeavour Mining mergers
- Non-Executive Chairman of ASX-listed Oklo Resources, Chesser Resources & Calidus Resources



### **Alexander Scanlon** (Managing Director & CEO)

- Economist with +15 years' experience in structured finance, resources advisory and principal investment
- Significant experience advancing multiple privately-held global resources projects
- Previously Managing Director of PARQ Capital Management focused on natural resources investment



### **Richard Crookes** (Non-Executive Director)

- Geologist with +30 years' experience in resources development, operations, financing and investment
- Former Chief Geologist and Mine Manager at Ernest Henry Mining
- Previously Executive Director of Macquarie Metals & Energy Capital and Founding Director of EMR Capital



### **Christian Paech** (Non-Executive Director)

- Lawyer with +25 years' experience in private and public / commercial practice
- Formerly General Counsel (2010-2019) and Company Secretary (2017-2019) of ASX-listed Santos Ltd
- Previously a Partner at Piper Alderman and a lawyer with Herbert Smith Freehills and Ashurst



### **Neil Rose** (Non-Executive Director)

- Chartered accountant with a diverse background in the commercial property and resources sectors
- Founding Director of Barton Gold and Director of multiple private Australian resources investment entities
- Director of Lever Property and Tribar Capital, a private natural resources investment company



### **Graham Arvidson** (Non-Executive Director)

- Mechanical engineer with +15 years' experience in key project leadership and implementation roles
- Expertise building operational teams and optimising complex mineral processing operations
- General Manager Operations and Maintenance with Primero Group Ltd (subsidiary of NRW Holdings Ltd)

## Key Management



### **Shannon Coates** (Company Secretary)

- Qualified lawyer and Chartered Secretary with +25 year's experience in corporate law and compliance to publicly listed companies
- Currently Company Secretary to multiple ASX-listed companies



### **Rebecca Broughton** (CFO)

- Chartered Accountant with +20 years' experience in both public practice and commerce, with a significant focus upon the natural resources sector
- Currently holds senior finance roles at several ASX-listed mining companies

## Key Technical Team



### **Andrew Bales** (General Manager Projects) (Mining Plus)

- Geologist with +22 years' experience in the resources industry, including 10 years in management roles
- Focused in the gold sector managing both early stage and major projects



### **Stuart Bodey** (Project Manager) (Mining Plus)

- Project Manager with +30 years' international experience in underground and surface mining, geology, feasibility, engineering, and general management
- Comprehensive experience covers the full life cycle of mineral deposits

- **Technical team includes several Mining Plus geologists supporting exploration and project development**

# Background

## *New Work Unlocks Significant Local & Regional Potential*

### **Under-invested & overlooked**

- Long history of owners with other commitments and/or capital constraints
- Ground under-explored for 20+ years; true potential has been overlooked
  - **No modern systematic exploration until Barton**

### **New 2019/20 work sets new foundation for the projects, illustrates significant new extension and discovery potential**

- Tarcoola**: New high-resolution aeromagnetics, 2D seismic interpretation and open pit test drilling<sup>1</sup>
- **New regional structural model with ~14km ‘repeats’ target corridor<sup>1</sup>**
  - **New shallow ~200m long gold zone adjacent to Perseverance Mine<sup>1</sup>**
- Tunkillia**: Detailed data review and first-principles remodelling of mineralisation<sup>2</sup>
- **New 965koz Au @ 1.15 g/t Resource (~68% Indicated category) with new higher-grade zones<sup>2</sup>**

### **Target ranking completed, drilling to commence shortly**

### **Significant discovery potential on two large-scale systems**

- Tarcoola / Perseverance Mine**:
- Numerous high-grade intercepts adjacent to Perseverance Mine including **3m @ 33.7 g/t, 7m @ 7.5 g/t, 6m @ 43.6 g/t, 2m @ 66.8 g/t, 5m @ 20.6 g/t & 10m @ 6.45 g/t Au<sup>1</sup>**
  - Multiple priority regional targets correlate to new regional structural model<sup>1</sup>
  - Targeting potential ‘repeats’ of high-grade Perseverance Mine mineralisation<sup>1</sup>
- Tunkillia / 223 Deposit**:
- **Known extensions and shallow satellite targets for potential new gold mineralisation<sup>2</sup>**
  - **Main target is a district-scale structure with ~30km of under-explored strike**

<sup>1</sup> See Section 2.5(e) and Annexures C and E of the Prospectus

<sup>2</sup> See Section 2.5(c), 2.5(f) and Annexures C and D of the Prospectus



# Development Strategy

**Barton Gold**

## Grow Mineral Resources & Enhance Scale Options

### Focus on scale exploration potential

- Not an operational restart - focused on the bigger picture
- Recent work shows **assets are more significant than previously reported / understood**, merit dedicated exploration

### Maximise long-term value

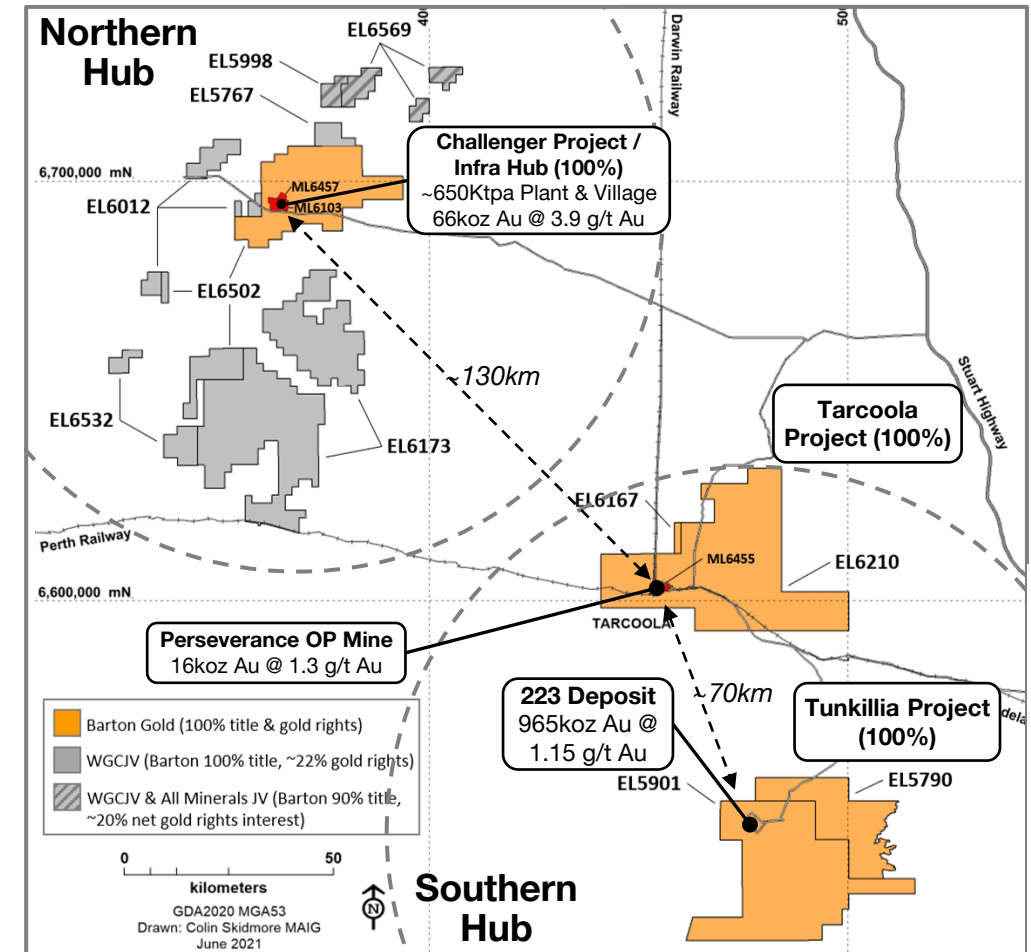
- Aggressively target large-scale mineralisation and discoveries, build **Resources for larger-scale, longer-term operations**

### Southern Hub

- **Two large-scale mineral systems** with individual potential – opportunity to combine for even greater long-term upside:
  - High-grade structurally controlled targets at Tarcoola and established, continuous large-scale mineralisation at Tunkillia
  - Potential hub-style development with new Tunkillia mill to enhance scale efficiencies and combined project economics
  - Option to leverage existing mill for early / ‘Stage 1’ Tarcoola processing during construction of new southern mill

### Northern Hub

- Region’s only gold mill; ~650Ktpa capacity and expansion option = future regional consolidation opportunity; mill and legacy UG mine to remain on care and maintenance<sup>1</sup>
- Minority gold rights interests in neighbouring JV tenements<sup>2</sup>

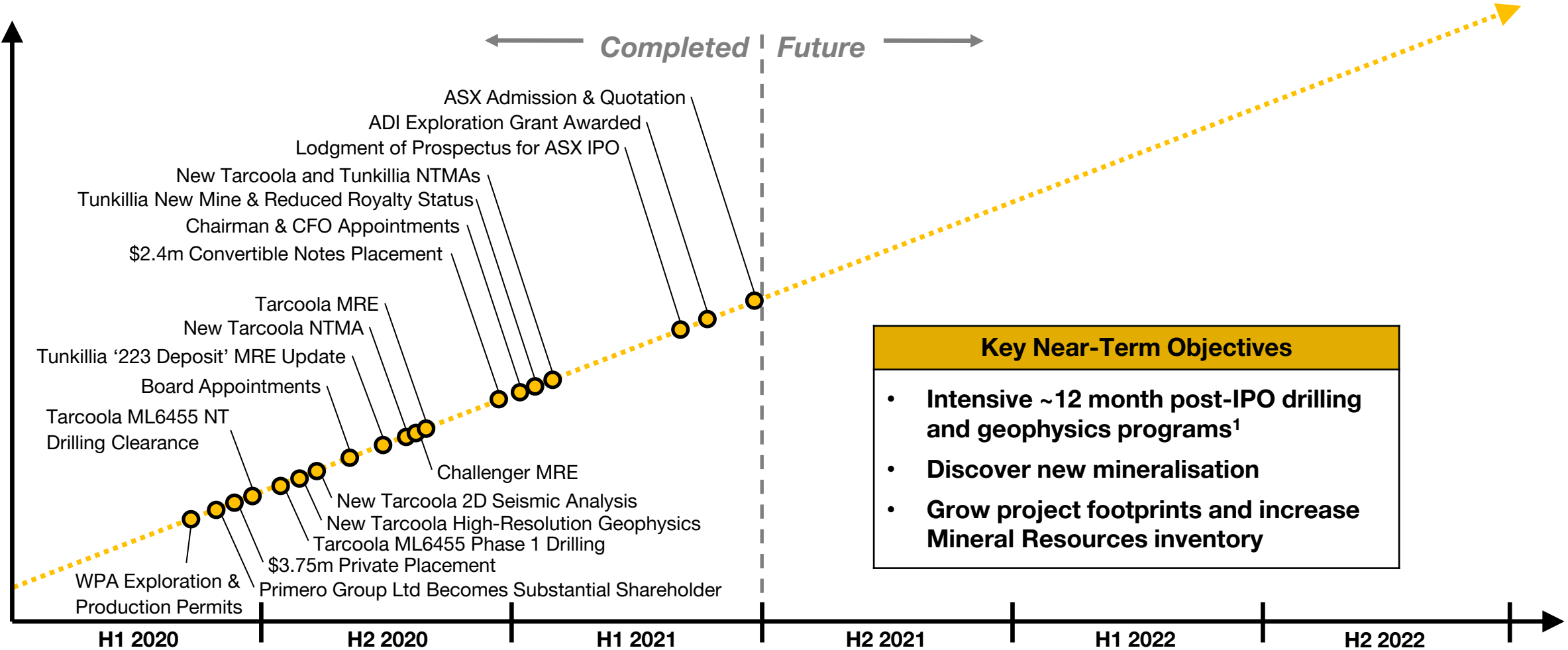


<sup>1</sup> See Section 2.5(g) and Annexures C and F of the Prospectus

<sup>2</sup> See Section 2.5(h) and Annexures C and G of the Prospectus

# Consistent Progress

Multiple Workstreams for Project & Corporate Advancement



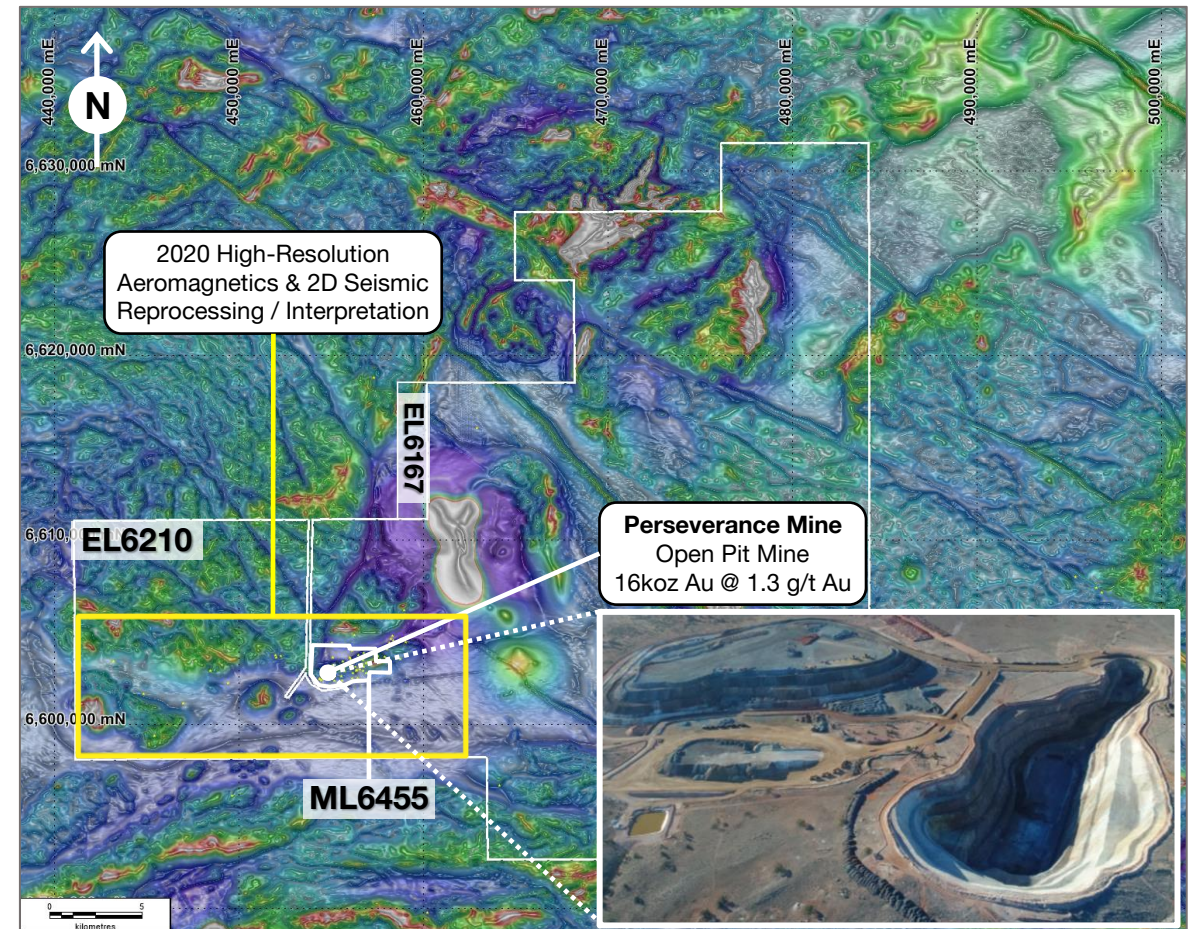
<sup>1</sup> See Sections 2.5(e), 2.5(f), 2.7, and 2.8 of the Prospectus



# Tarcoola Proven Producer, New Scale Potential Barton Gold

## *Brownfields Open Pit Mine in Camp-Scale Structural Setting*

- 100% owned
- ~70km N/NW of Tunkillia Project on ~1,202km<sup>2</sup> package<sup>1</sup>
- South Australia's major hard rock gold producer during early 1900's: **~2,400kg (~77koz) Au recovered from 64kt ore at an average grade of 37.5 g/t Au between 1900 and 1955<sup>1</sup>**
- Perseverance Mine: brownfields open pit in excellent condition
- **New high-res aeromagnetics and 2D seismic provide a new regional 3D structural framework, confirm several priority 'repeats' targets across ~14km of analogous structures<sup>1</sup>**
- **2020 drilling identified a new ~200m long shallow gold zone ('Perseverance West') adjacent to the Perseverance Mine<sup>1</sup>**
- **Perseverance Mine surrounded by high-grade drilling intercepts – priority target for new high-grade Resources<sup>1</sup>**



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

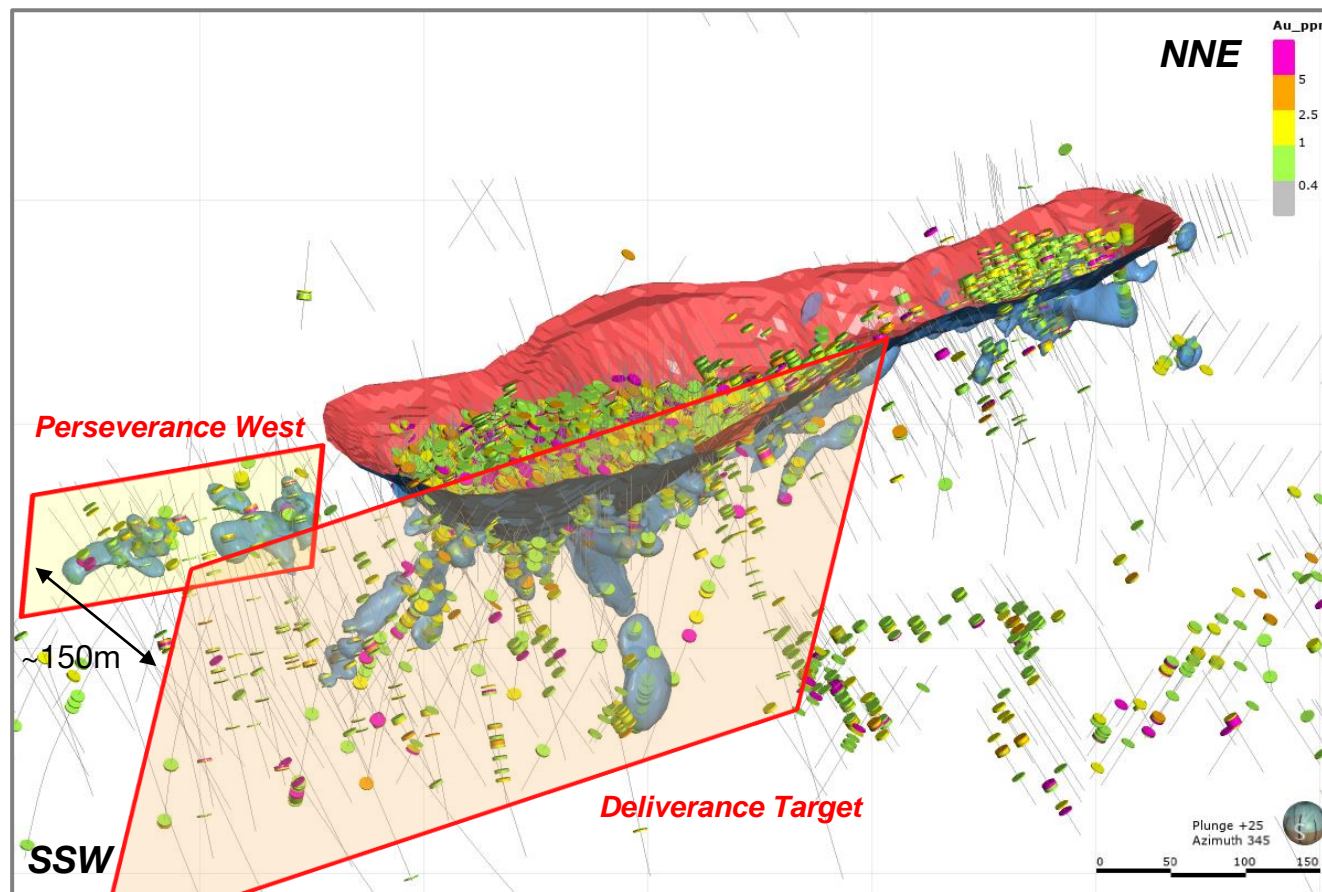
<sup>1</sup> See Section 2.5(e) and Annexures C and E of the Prospectus

# Tarcoola Perseverance Mine Priority Targets

Barton Gold

## *New Gold Zone & High-Grade Extension Potential*

- Open pit extensions significantly under-drilled by prior owners – mineralisation open in all directions<sup>1</sup>
- **August 2020 drilling intercepted southern and down-dip extensions which further validate the ~500m long Deliverance Target, including:**
  - 7m @ 7.75 g/t Au from 95m;
  - 2m @ 15.07 g/t Au from 158m; and
  - 3m @ 33.7 g/t Au from 220m
- **New Perseverance West intercepts encountered while testing the Deliverance Target, including:**
  - 4m @ 6.85 g/t Au from 28m; and
  - 2m @ 4.30 g/t Au from 29m
- Priority drilling planned for Perseverance West, Deliverance and northern pit strike extensions<sup>1</sup>



Mineralised Wireframes & Drill Intercepts Relative to Perseverance Mine<sup>1</sup>

<sup>1</sup> See Section 2.5(e) and Annexures C and E of the Prospectus

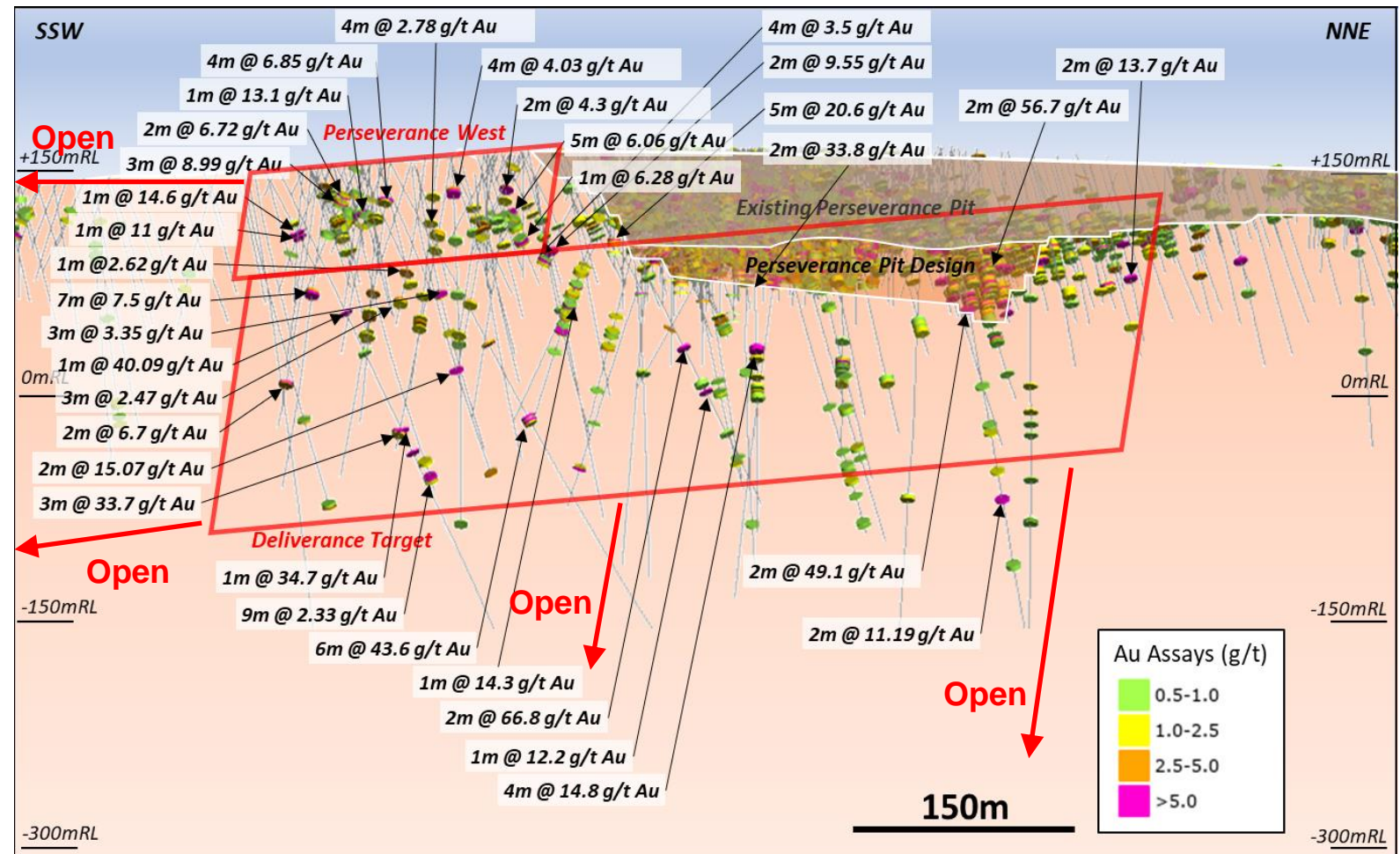


# Tarcoola Near-Pit Resource Potential

Barton Gold

*Numerous High-Grade Intercepts Provide Clear Opportunities*

- Additional high-grade intercepts below and SSW of open pit include:<sup>1</sup>
  - 3m @ 8.99 g/t Au from 28m;
  - 5m @ 6.06 g/t Au from 48m;
  - 5m @ 20.6 g/t Au from 59m;
  - 2m @ 33.8 g/t Au from 82m;
  - 2m @ 56.7 g/t Au from 92m;
  - 3m @ 10.43 g/t Au from 95m;
  - 2m @ 49.1 g/t Au from 126m;
  - 10m @ 6.45 g/t Au from 138m;
  - 4m @ 14.8 g/t Au from 138m;
  - 2m @ 66.8 g/t Au from 155m; and
  - 6m @ 43.6 g/t Au from 197m
- Perseverance West and SSW Deliverance Target intercepts are not yet included in Mineral Resources
- Priority infill drilling targets



High-Grade Historical & Recent Drilling Intercepts at Perseverance Mine<sup>1</sup>

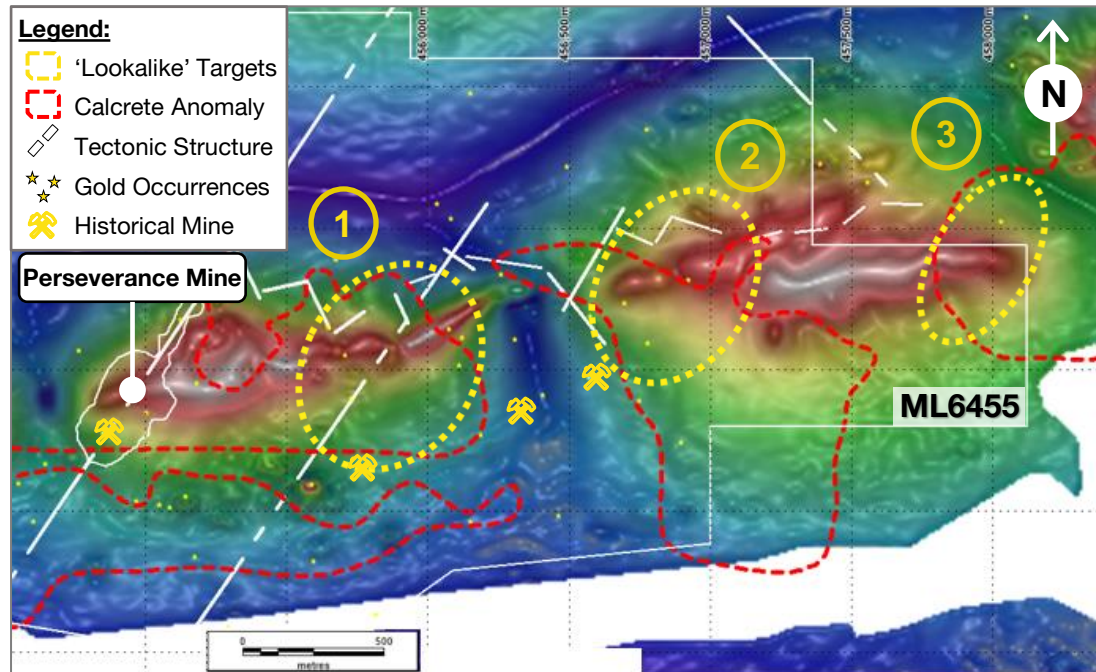
<sup>1</sup> See Section 2.5(e) and Annexures C and E of the Prospectus



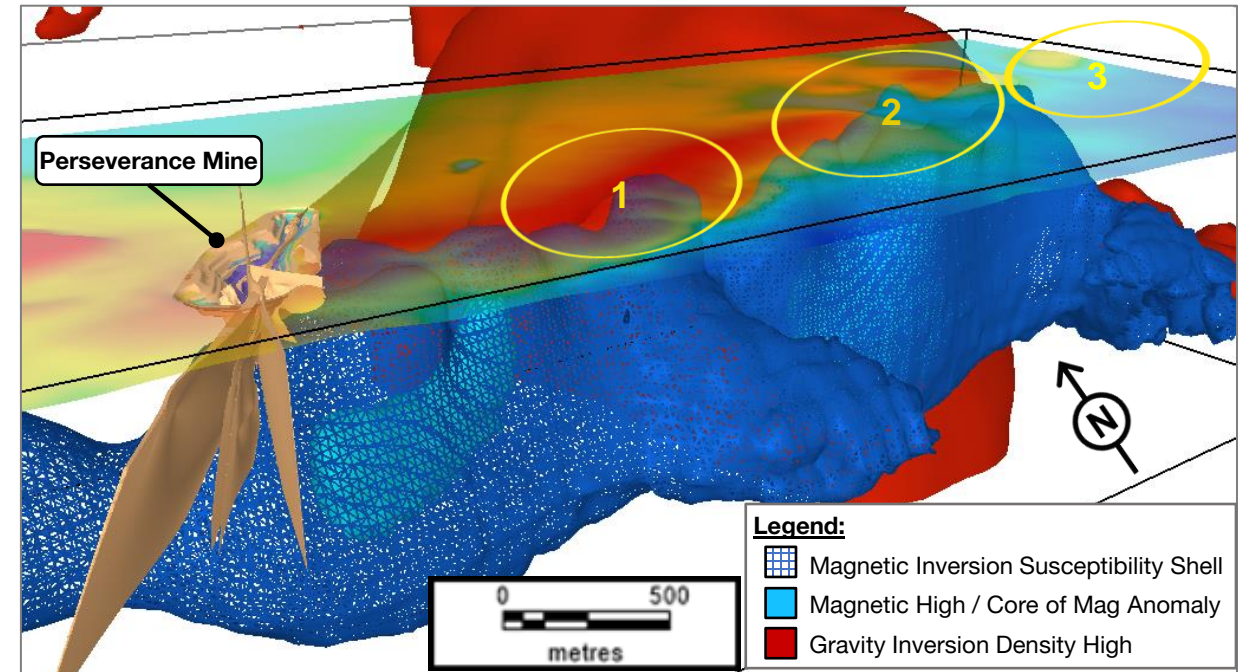
# Tarcoola Potential Open Pit 'Repeats' Model

Barton Gold

## *Multiple Targets Identified on ML6455*



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



3D Magnetic Susceptibility Model of Potential Near-Mine 'Repeats' Targets (ML6455)<sup>1</sup>

- Perseverance Mine hosts secondary gold associated with magnetic lows in shear / fault structures<sup>1</sup>
- Open pit sits above the edge of a local magnetic decline coincident with 3 intersecting mineralised structures<sup>1</sup>

- 3D modeling illustrates 3 local magnetic low analogues<sup>1</sup>
- Targets correlate with faults and historical gravity, calcrete, drilling and artisanal mining indicating possible series of local 'Perseverance style' repeats in areas of magnetic low signature across ML6455<sup>1</sup>

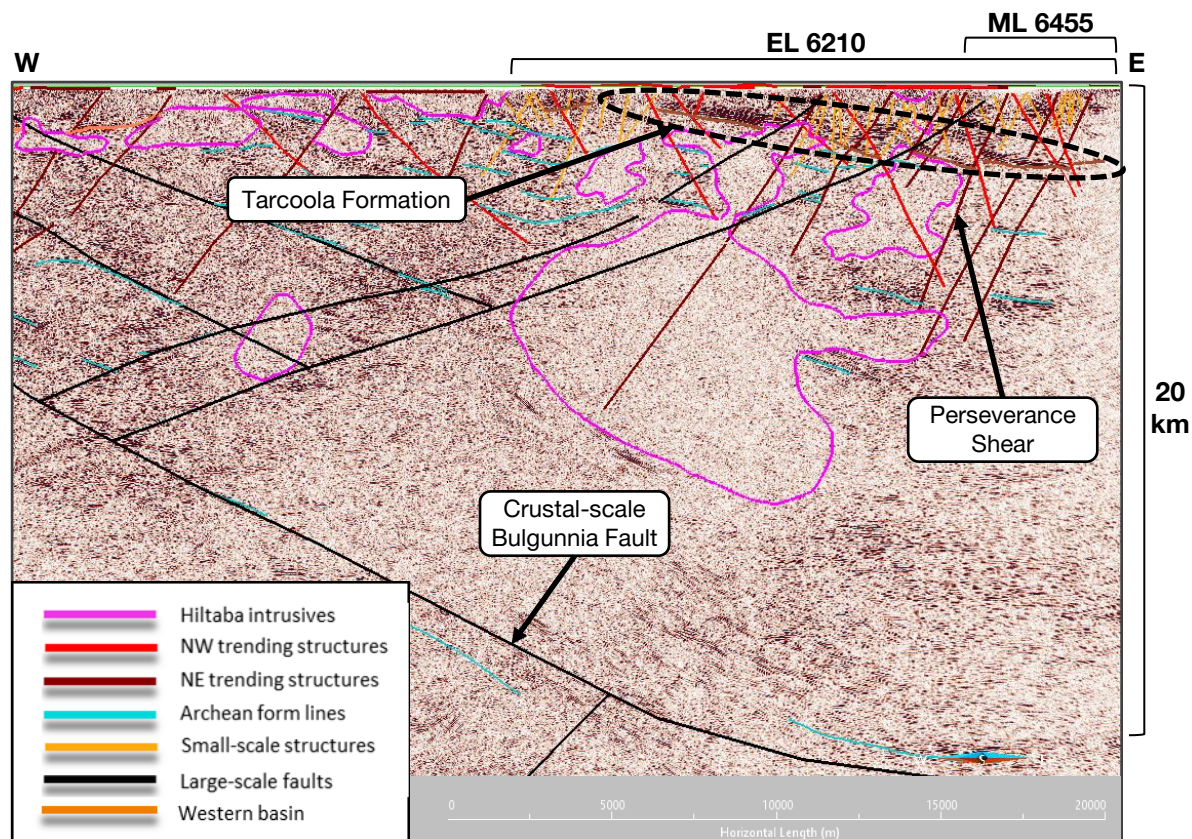
<sup>1</sup> See Section 2.5(e) and Annexures C and E of the Prospectus



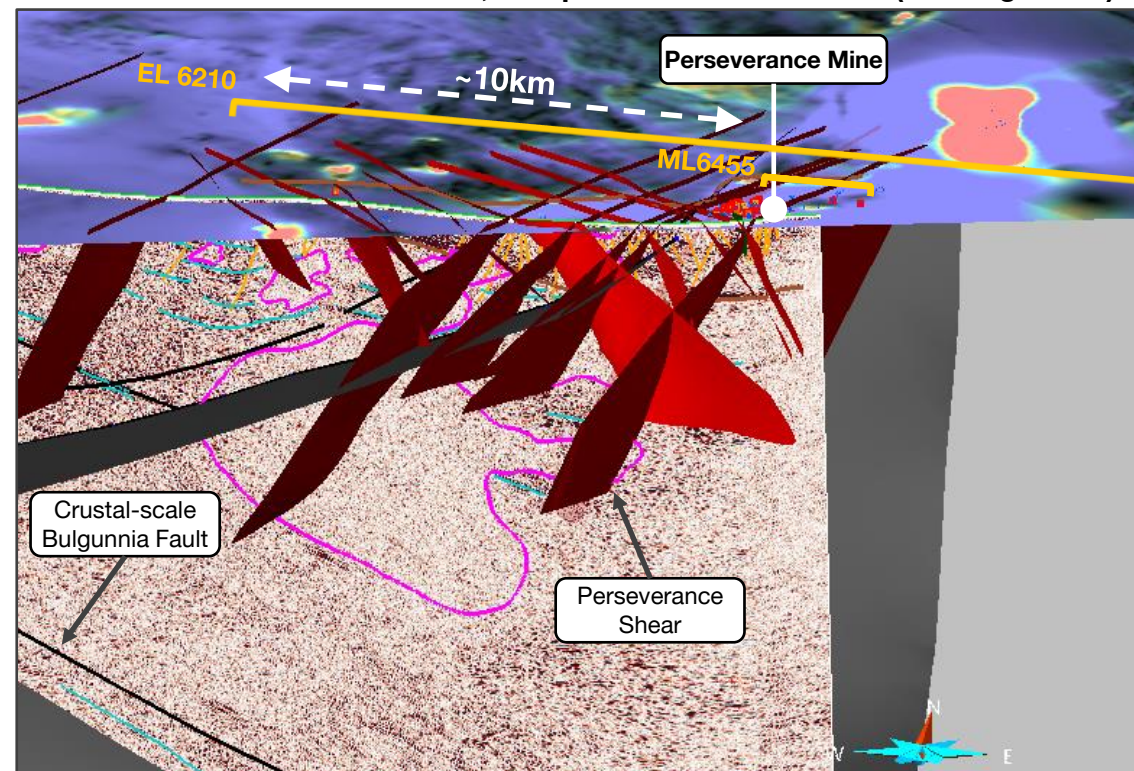
# Tarcoola New Camp-Scale Prospectivity

Barton Gold

New **HiSeis** 2D Seismic Analysis Identifies New Regional Structural Model<sup>1</sup>



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



- Shallow Tarcoola Formation underlying EL6210 and ML6455
- Structures traverse basin rock and intersect Hiltaba Intrusives – **potential fluid pathways meeting heat and pressure sources**

- Perseverance Shear intersects Hiltaba Intrusive at ~7km depth<sup>1</sup>
- **~14km of analogous parallel and cross-cutting structures across EL6210 / ML6455 – significant potential for ‘repeats’<sup>1</sup>**

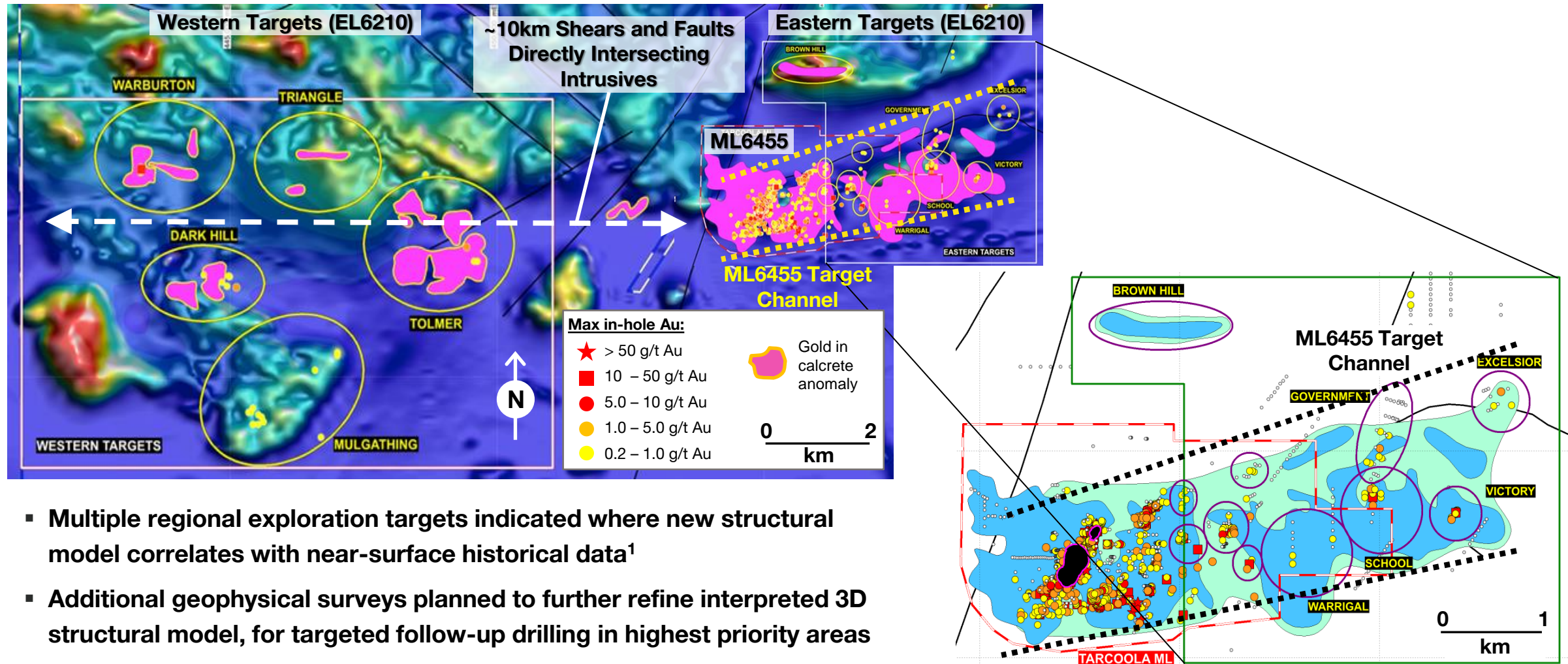
<sup>1</sup> See Section 2.5(e) and Annexures C and E of the Prospectus



# Tarcoola Priority Regional Targets

Barton Gold

+10 High-Priority Regional Targets Close to Perseverance Mine<sup>1</sup>



- Multiple regional exploration targets indicated where new structural model correlates with near-surface historical data<sup>1</sup>
- Additional geophysical surveys planned to further refine interpreted 3D structural model, for targeted follow-up drilling in highest priority areas

<sup>1</sup> See Section 2.5(e) and Annexures C and E of the Prospectus

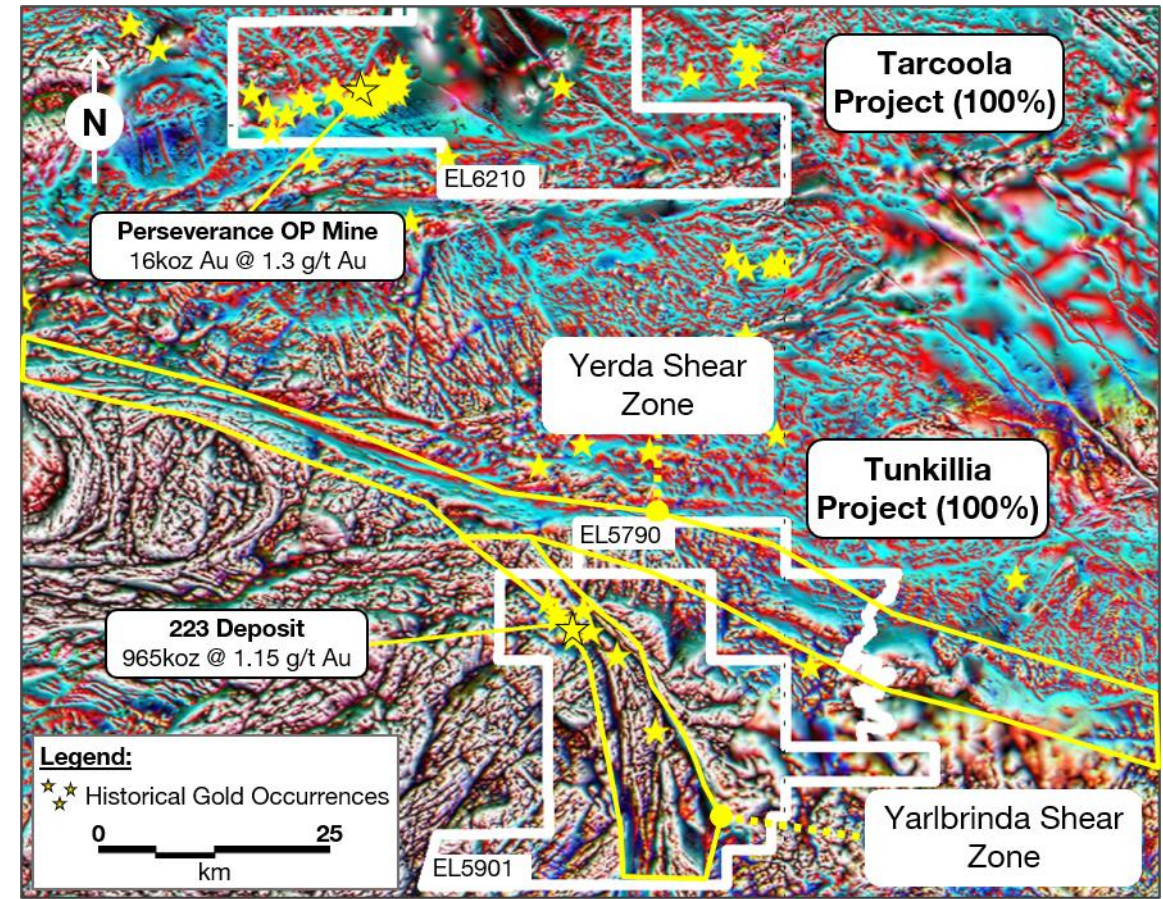


# Tunkillia Large Scale Growth Platform

Barton Gold

*Nearly 1Moz Au Platform with District-Scale Extension Potential<sup>1</sup>*

- 100% owned
- ~70km S/SE of Tarcoola on ~1,362km<sup>2</sup> tenement package<sup>1</sup>
- ~50km strike on Yerda / Yarlbirinda Shears, major (kms wide) systems analogous to major Kalgoorlie Shear Zone systems<sup>1</sup>
- New upgraded Mineral Resource Estimate:<sup>2</sup>
  - Comprehensive remodeling reduces grade dilution and interprets multiple higher-grade zones throughout - new potential to optimise future design and sequencing
  - **965koz Au** (26.1Mt @ 1.15 g/t Au); ~68% Indicated category<sup>2</sup>
  - ~2.5km long and **open along strike and down-dip**<sup>1</sup>
  - **Host structure extends further 7km north and 7km south**<sup>1</sup>
- Historically under-explored with advanced local satellite targets – **highly prospective for large-scale mineralised extensions**



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

<sup>1</sup> See Section 2.5(f) and Annexures C and D of the Prospectus

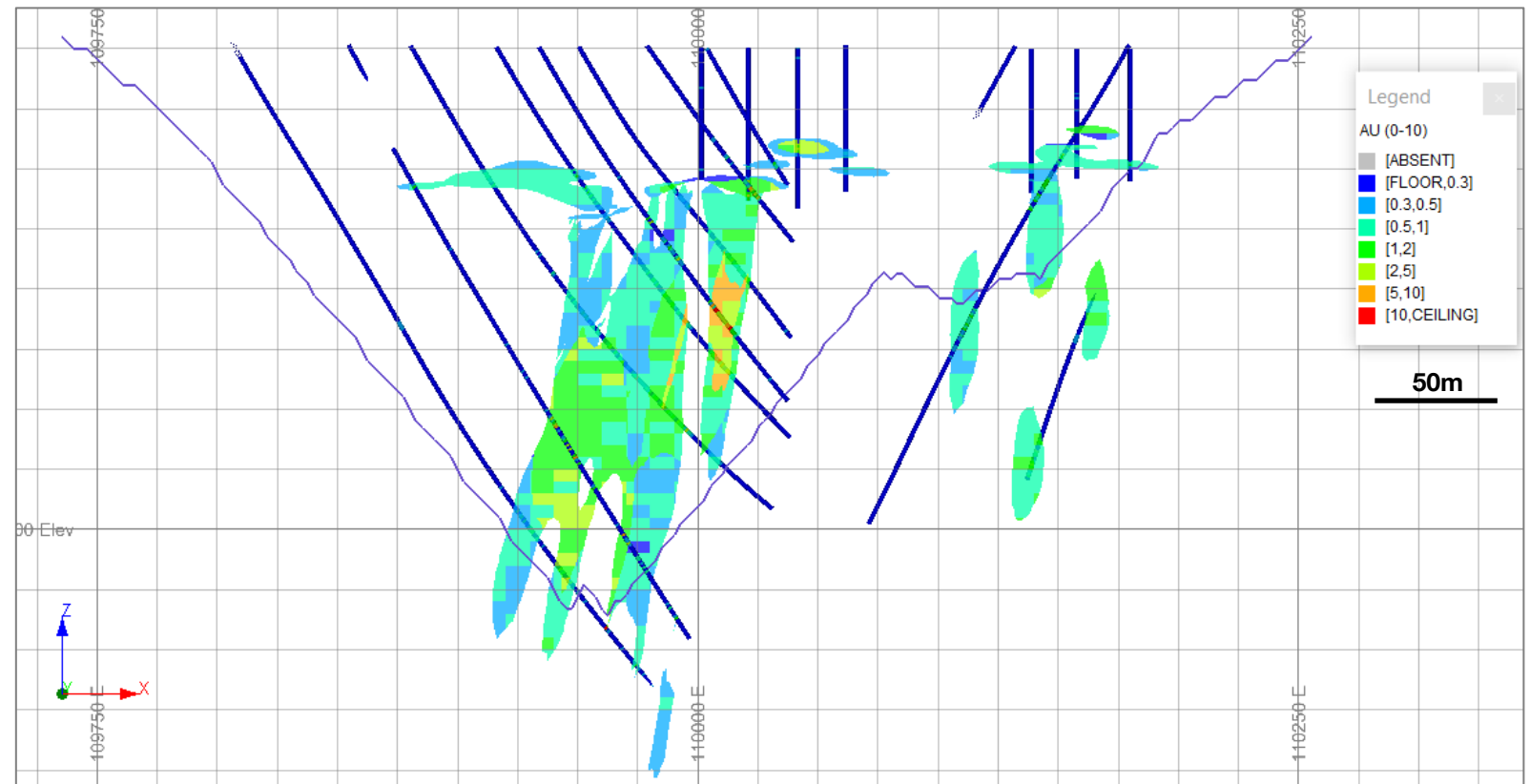
<sup>2</sup> See Sections 2.5(c), 2.5(f) and Annexures C and D of the Prospectus

# Tunkillia New Higher-Grade Model

Barton Gold

*Improved Local Prospectivity & Future Development Potential*

- Broad, continuous mineralisation for potential large-scale open pit operations
- Deficiencies in historical modeling identified – outer wireframe thresholds too low and no internal sub-domains<sup>1</sup>
- **Comprehensive remodeling reduces dilution, interprets multiple high-grade zones, and increases grade ~25%<sup>1</sup>**
- **Multiple higher-grade (+5 g/t Au) zones at footwall contacts with mafic dykes – potential to optimise future mining method, plan and sequencing<sup>1</sup>**
- **Potential to apply model and unlock new mineralisation in satellite targets**



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

<sup>1</sup> See Section 2.5(f) and Annexures C and D of the Prospectus

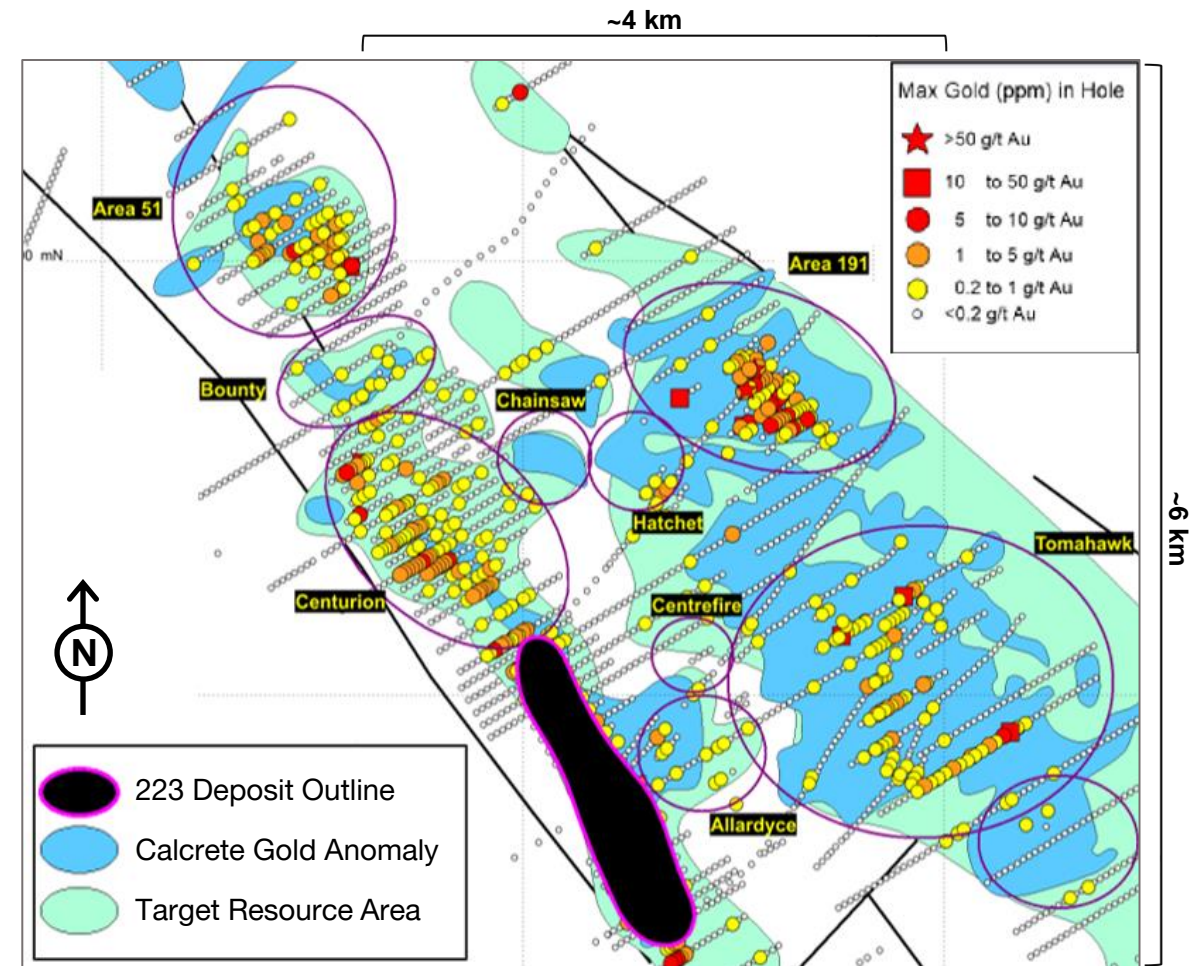


# Tunkillia Immediate Camp Scale Opportunity

Barton Gold

## Advanced Local Targets Offer Lower-Cost Growth Potential

- Multiple advanced 'Line of Lode' targets along western and eastern margins of ~8km strike on Yarlbirinda Shear Zone<sup>1</sup>
- **223 Deposit discovered in 1996, with drilling since ~2000 focused on 223 Deposit infill; no significant investment in satellite targets for the past ~20 years<sup>1</sup>**
- Historical drilling provides road map for near-term opportunities
- **Detailed ranking identifies Area 51 and 191 drill-ready targets for potential new shallow gold mineralisation<sup>1</sup>**
- Further geophysical analysis to refine local structural interpretation, refine priority drilling plan, and identify potential regional analogues for future evaluation
- **Established platform with multi-million-oz camp potential**



Tunkillia Project Showing 'Line of Lode' Mineralised Targets<sup>1</sup>

<sup>1</sup> See Section 2.5(f) and Annexures C and D of the Prospectus

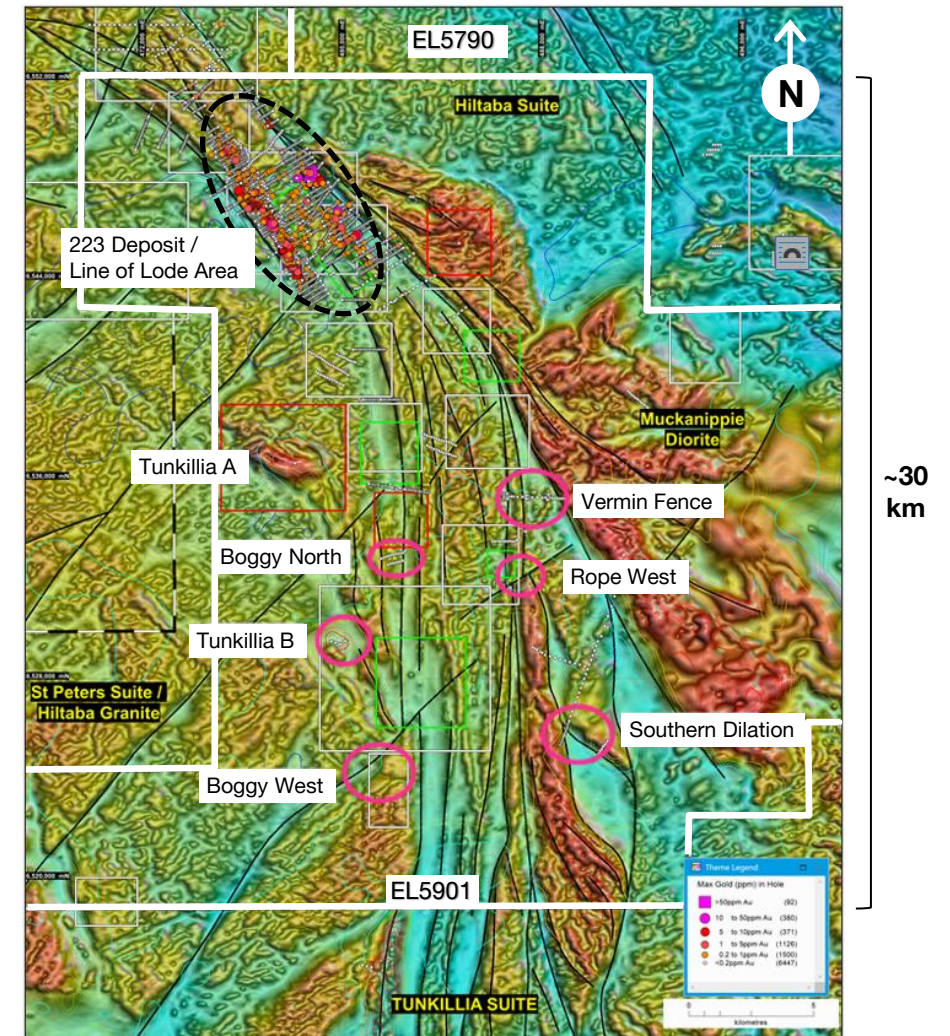


# Tunkillia Untapped District Scale Potential

Barton Gold

## Major Under-Explored Structure in Historical Gold District

- **~Nearly 1Moz foundation with significant potential upside<sup>1</sup>**
- Total ~30km of total Yarlbirinda Shear Zone strike on EL5901 – multiple opportunities to identify regional analogues for ‘Line of Lode’ Area<sup>1</sup>
- ‘Line of Lode’ / 223 Deposit area covers only a small portion of shear; host eastern and western demagnetised zones extend over ~14km<sup>1</sup>
- Majority of historical work focused on 223 Deposit / northern area
- Numerous southern prospects identified by previous explorers
- Further geophysical analysis to generate combined structural, geophysical and geological model, refine priority targets, and test drill
- Targeting changes in shear orientation and intersecting regional structures along eastern and western demagnetised zones



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

<sup>1</sup> See Sections 2.5(c) and 2.5(f) and Annexures C and D of the Prospectus

# Exploration Priorities & Objectives

**Barton Gold**

*Discover, Extend & Convert Mineralisation*

**Drilling to during July 2021 | Target 20,000 – 30,000m during next ~12 months<sup>1</sup>**

## Priorities

<b>Initial focus</b>	Most advanced targets with significant and promising historical data
<b>Tarcoola</b>	Near-pit high-grade targets and new target structures located within existing Mining Lease
<b>Tunkillia</b>	Shallow ‘Line of Lode’ / satellite targets
<b>Tarcoola Regional</b>	Geophysical surveys to improve targeting on potential ‘repeats’ of Perseverance Shear

## Objectives

<b>Discovery</b>	Discover new high-value targets, extend and convert existing mineralisation footprint
<b>Value</b>	Low-cost and high payoff per metre drilled / exploration dollar invested
<b>Pipeline</b>	Establish highest priority Tarcoola and Tunkillia Regional targets for follow-up drilling



<sup>1</sup> Refer to Sections 2.7 and 2.8 of the Prospectus for further information relating to exploration strategy and proposed budget



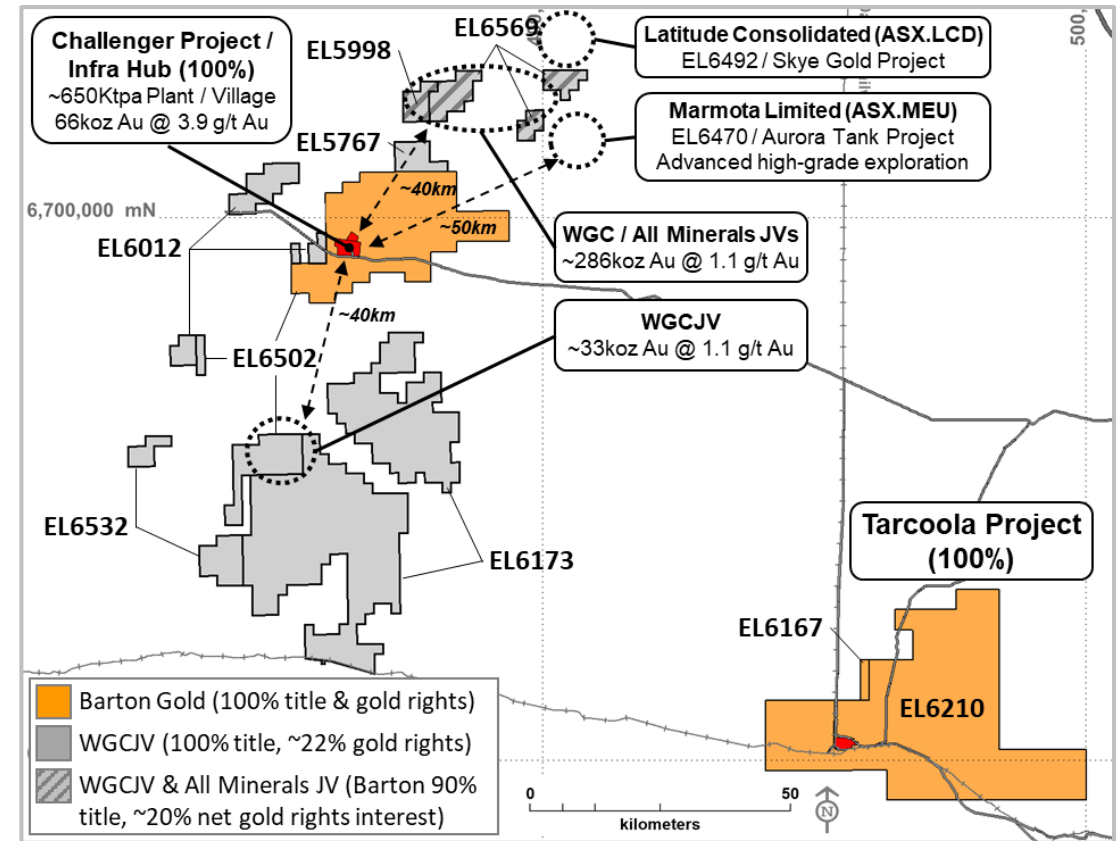
# Northern Hub Infrastructure & Joint Ventures

**Barton Gold**

*Strategic Infrastructure ~130km NW of Tarcoola*



- Challenger Mill: only plant in the region; on care and maintenance<sup>1</sup>
- ~650Ktpa gold mill with expansion option and ~94.5% recoveries<sup>1</sup>
- Can be returned to operations with limited refurbishment costs<sup>1</sup>



- Western Gawler Craton JV (WGCJV) and All Minerals JV<sup>2</sup>
- ~22% gold interest in WGCJV, ~20% in WGC / All Minerals JV<sup>2</sup>
- Multiple Resources / other projects within ~50km of Mill<sup>2</sup>

<sup>1</sup> See Section 2.5(g) and Annexures C and F of the Prospectus

<sup>2</sup> See Sections 2.5(g), 2.5(h), 6.1, 6.2 and Annexures C, F and G of the Prospectus



# Summary

**Barton Gold**

## A Compelling Value Proposition with Near-Term Catalysts

### Strong Foundations

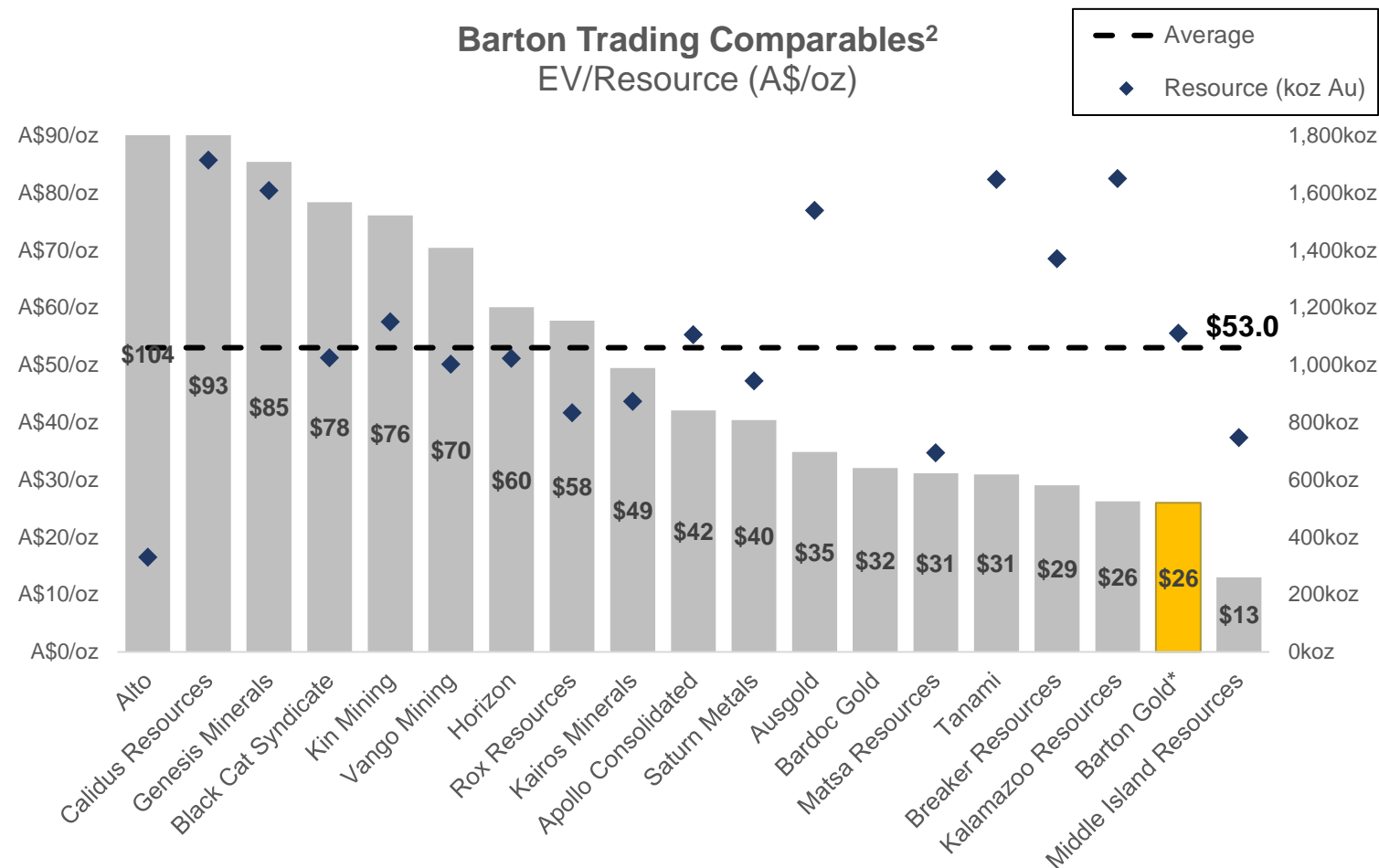
- ✓ Prime central Gawler Craton position
- ✓ ~1.1Moz Au JORC Resources platform<sup>1</sup>
- ✓ 2 brownfield mines + infrastructure option
- ✓ Experienced team of project builders

### Significant New Discovery Potential

- ✓ 2 under-explored, large-scale systems
- ✓ New ~14km Tarcoola target corridor
- ✓ ~50km untouched Tunkillia shear zones
- ✓ Ability to leverage historical drilling

### Value Proposition & Catalysts

- ✓ **Attractively priced vs. peer group**
- ✓ **Multiple value drivers – new discoveries, Resources growth and value re-rating**
- ✓ **Post-IPO drilling and news flow**



<sup>1</sup> See Section 2.5(c) and Annexures C, D, E, F and G of the Prospectus

<sup>2</sup> Source: Company announcements, IRESS and market data as at market close on 23 June 2021;

\* Implies Barton Gold Enterprise Value of ~A\$28.8m

### **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

**Elvis Jurcevic**  
**Investor Relations**  
[ej@irxadvisors.com](mailto:ej@irxadvisors.com)  
+61 408 268 271



# Appendices

# 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
<b>Tunkillia*</b> (100%)	Oxide Zone	4.8	1.27	195	1.7	0.92	50	6.5	1.17	245
	Fresh Zone	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>
<b>Tarcoola*</b> (100%)	Perseverance Pit	0.07	1.7	3.8	0.07	1.1	2.4	0.14	1.4	6.2
	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>
<b>Challenger*</b> (100%)	Above 215 RL Fault	--	--	--	0.32	4.1	42.6	0.32	4.1	42.6
	Challenger Deepes (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>
<b>WGCJV*^</b> (~20-22%)	Golf Bore	0.6	1.0	18	3.2	1.0	100	3.8	1.0	119
	Campfire Bore	--	--	--	2.8	1.2	109	2.8	1.2	109
	Greenewood	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>11.03</b>	<b>1.2</b>	<b>441</b>	<b>28.74</b>	<b>1.20</b>	<b>1,110</b>

\* 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 21.99% in Monsoon and Typhoon and 19.79% in Golf Bore, Campfire Bore, Greenewood and Mainwood;

- **Table shows complete Mineral Resources Estimate for each Project**
- **Total Attributable 1,110koz Au includes Barton's pro-rata ownership of WGCJV Mineral Resources<sup>1</sup>**

<sup>1</sup> Please refer to Sections 2.5(c), 2.5(h) and Annexures C, D, E, F and G of the Prospectus 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**). 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 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 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 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 Tarcoola Project, South Australia. Mr Skidmore is a Member of the Australian Institute of Geoscientists (AIG) 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 (Tunkillia)**

The information in this presentation that relates to the estimate of Mineral Resources for the Tunkillia 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 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).

## **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).