

Barton Gold



South Australia's Emerging Gold Developer

10 February 2022

**Presentation to Gold Events
Virtual Gold Conference**

*Perseverance Mine,
Tarcoola Project*

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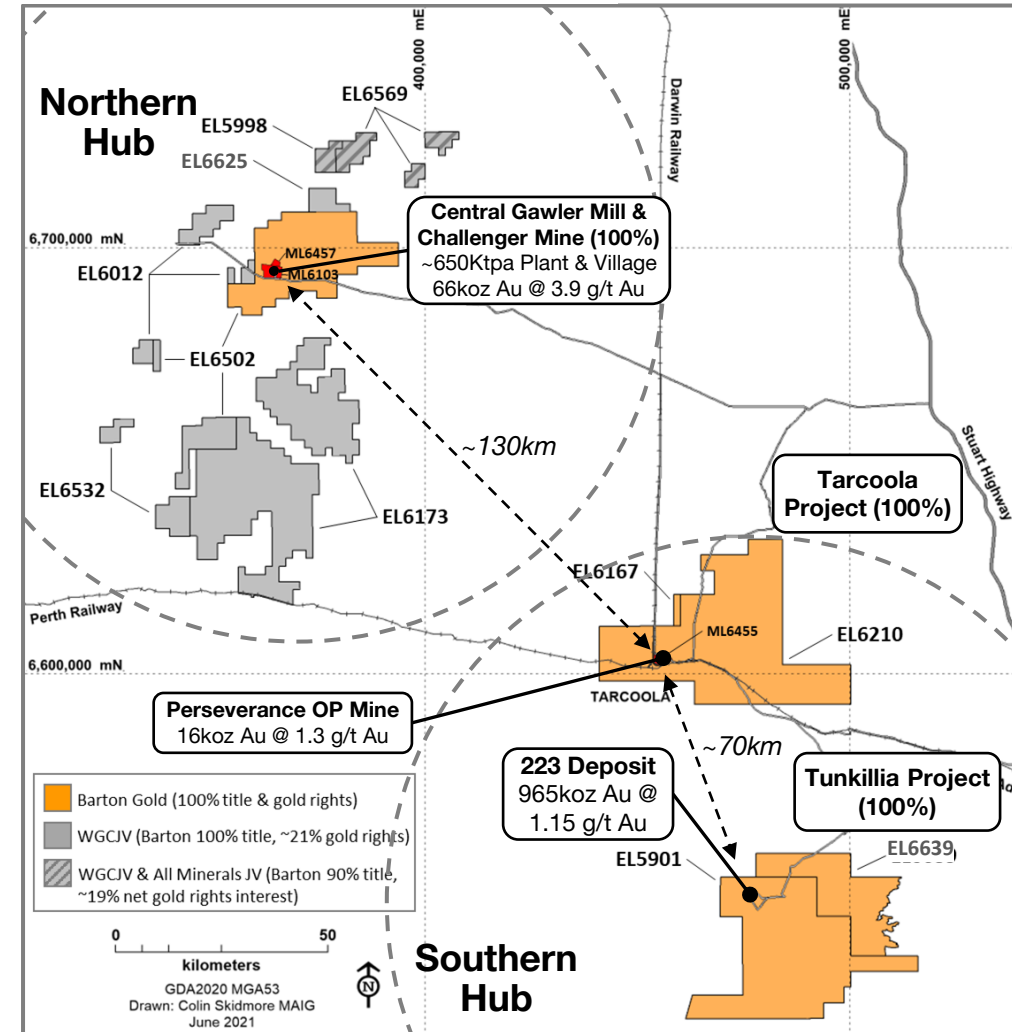
Date and Currency

This document is dated 10 February 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 or 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).

Discovery & Development Strategy

Grow Mineral Resources → Enhance Scale Development Options

- Northern Hub**
 - Region's only gold mill (100% Barton): ~650ktpa CIP, ~94.5% gold recoveries; limited refurb costs¹
 - ~19-21% rights in local JVs with 319koz Au²
- Scale Focus**
 - **Not a 'mill restart' plan: big picture focus**
 - **Existing mill = leverage to larger play**
- Large Scale Exploration**
 - **Southern Hub = 2 large-scale systems**
 - Ground underexplored for +20 years
 - Systematic, innovation-driven exploration
 - R&D: Leverage historical data with new tech
 - **Aggressively target discoveries, large scale Resources, and Southern Hub development**



¹ Refer to Prospectus

² Refer to Prospectus and Barton ASX announcement dated 14 October 2021

Rapid Progress Since IPO

Building Momentum & Value

Since June 2021 IPO:¹

- Tarcoola:**
- ✓ **New ~350m long Perseverance West gold zone**
 - ✓ ~200m depth extensions to Perseverance open pit
 - ✓ **+25 shallow near-mine targets identified on ML**
 - ✓ ~80.5km² gravity surveys over regional targets

- Tunkillia:**
- ✓ ~250m long higher-grade central zone in 223 Deposit
 - ✓ **2 new gold zones at Area 223 North and Area 191**
 - ✓ ~1.5km new mineralisation for ~60% strike increase

- Corporate:**
- ✓ **New SA-based corporate and exploration team**
 - ✓ **\$380,000 in total grants received from SA Govt**

Barton is:

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

¹ 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 and 17 January 2022

Corporate Snapshot

Barton Gold

Projects Snapshot

2 Exploration Projects	4,660km² Tenements & JVs
2 Brownfield Mines	~1.1Moz Au JORC (2012) Resources ¹
2 Exploration JVs	~650Ktpa Gold Mill & Mine Village

Free Float & Escrow²

- **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 Structure³

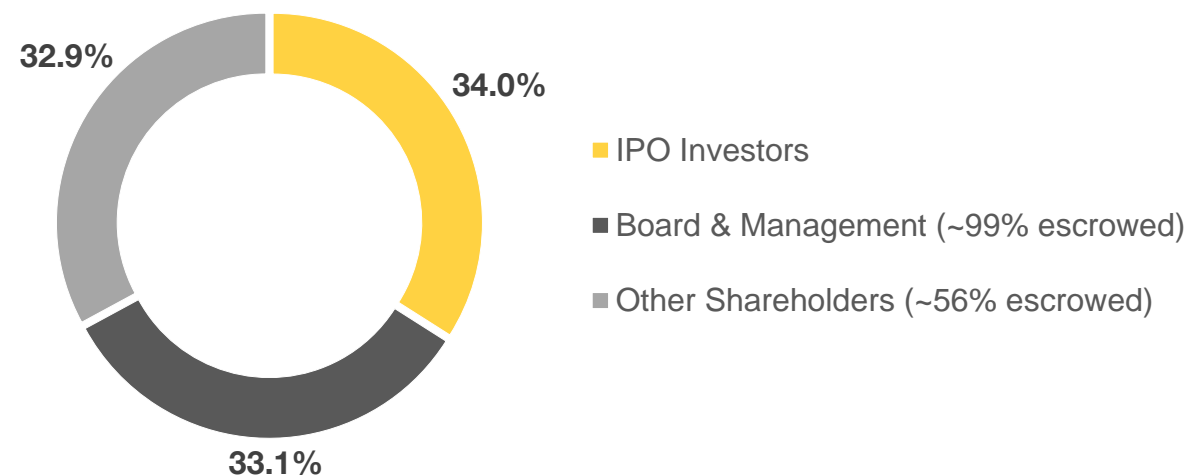
Shares on Issue	175,616,719
Market Cap (\$0.25 / share)	\$43.9m
Cash (31 Dec 2021) ⁴	\$11.6m
Enterprise Value ⁵	\$32.3m
Options on Issue ³	10,780,000

³ Refer to Prospectus and Barton ASX Announcement dated 12 November 2021.

⁴ Refer to Barton ASX announcement dated 28 January 2022.

⁵ Based upon market capitalisation less cash at 31 December 2022 and nil debt. Subject to rounding.

Share Distribution



¹ Refer to Prospectus and Barton ASX announcement dated 14 October 2021

² Refer to Prospectus; estimates based upon Company analysis

Experienced Leadership Team

Board of Directors



Mark Connelly (Non-Executive Chairman)

- +30 years' resources experience including with Newmont, Inmet and Endeavour Mining
- Led US\$570m merger of Papillon Resources and B2Gold, and US\$590m merger of Adamus Resources and Endeavour Mining where he was COO
- Chairman of ASX-listed Oklo Resources, Chesser Resources and Calidus Resources



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, a leading South Australia based oil and gas producer
- Formerly Partner at Piper Alderman and lawyer at Herbert Smith Freehills and Ashurst



Richard Crookes (Non-Executive Director)

- Geologist with +30 years' experience in resources development and investment
- Formerly Chief Geologist and Mine Manager at Ernest Henry Mining, Executive Director at Macquarie Metals & Energy Capital, Founding Director of EMR Capital
- Managing Partner at Lionhead Resources



Graham Avidson (Non-Executive Director)

- Mechanical engineer with +15 years' experience in key project leadership roles
- Expertise implementing processing infrastructure projects, building operational teams, and optimising complex mineral processing operations
- GM Operations & Maintenance for Primero Group Ltd (subsidiary of NRW Holdings Ltd)



Neil Rose (Non-Executive Director)

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

Key Management & Technical Team



Alexander Scanlon (Managing Director & CEO)

- Economist with +15 years' experience in structured finance and principal investments
- Founder of Barton Gold and multiple privately held global natural resources projects
- Previously Managing Director of PARQ Capital Management and Director of Lusona Capital, focused on corporate advisory and principal investments in natural resources



Nick Byrne (CFO)

- Certified Practising Accountant with ~30 years' resources and engineering experience
- Extensive South Australian experience includes ~20 years with leading companies BHP, KBR, Monadelphous and as CFO and Company Secretary of Heathgate Resources which owns and operates the Four Mile and Beverley uranium projects.



Marc Twining (Exploration Manager)

- Geologist with +25 years' global experience in resources development, with extensive experience in South Australia and gold, copper and copper-gold exploration
- Formerly exploration geologist with gold majors Normandy and Newmont and Senior Principal Geoscientist for the Geological Survey of South Australia



Ian Garsed (Principal Geologist)

- Geologist with +25 years' experience in resources exploration, including the discovery and definition of multiple Australian polymetallic, gold and copper deposits
- Extensive experience in South Australia exploring for gold and IOCG mineralisation including as General Manager of Exploration for Minotaur Exploration Limited



Shannon Coates (Company Secretary)

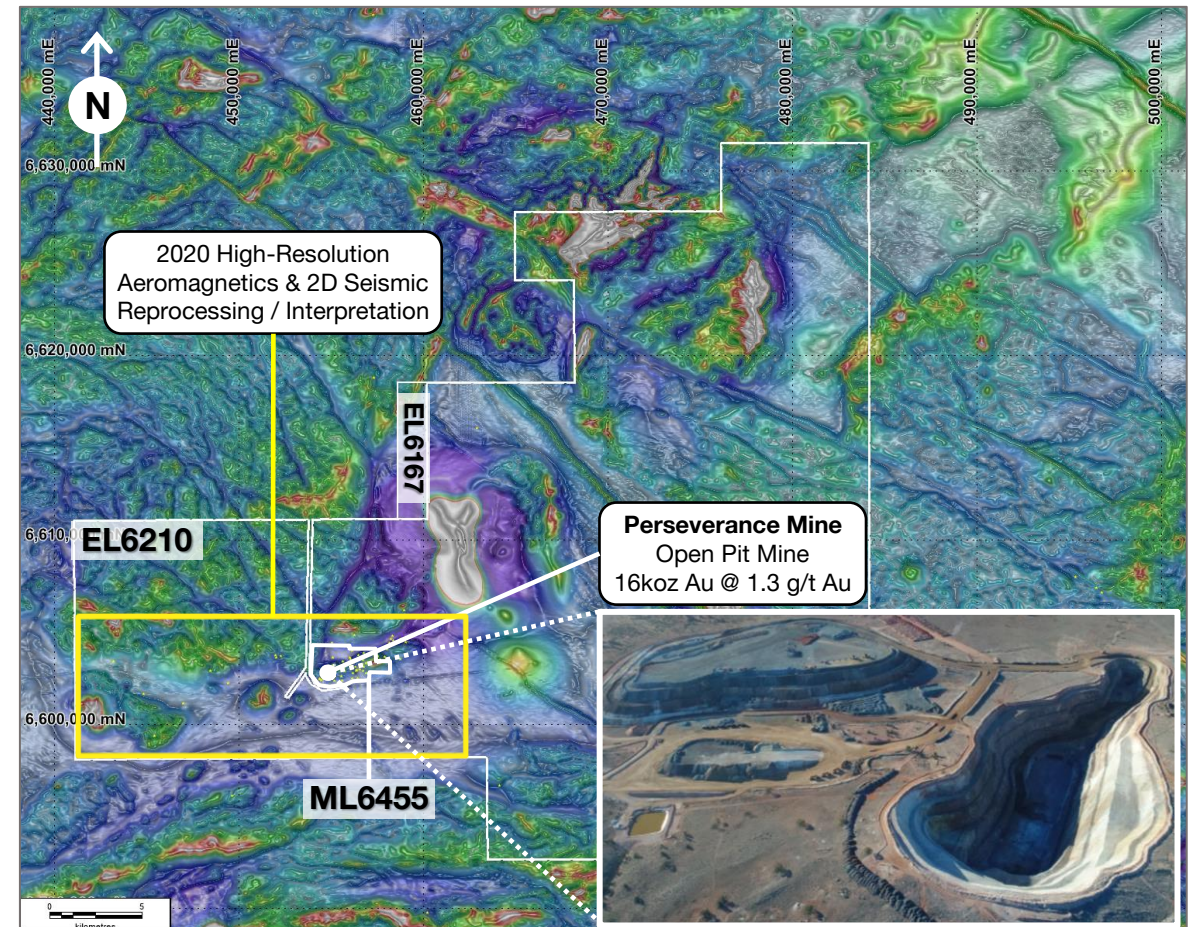
- Qualified lawyer and Chartered Secretary with +25 year's experience in corporate law and compliance to publicly listed companies across multiple jurisdictions
- Currently Company Secretary to multiple ASX-listed companies

Tarcoola Proven Producer, Scale Potential

Barton Gold

Camp-Scale System with Brownfields Open Pit

- 100% owned
- ~70km N/NW of Tunkillia Project
- ~1,202km² tenement package¹
- ~77koz Au produced from 64kt ore at average grade of 37.5 g/t Au between 1900 and 1955¹
- New ~350m long Perseverance West gold zone and ~200m depth extension of open pit mine²
- Ground penetrating radar has identified 25+ new shallow targets within 1.5km of open pit³
- New camp-scale regional geological model with ~14km of analogous, repeating structures¹



Tarcoola Project Magnetic RTP with Regional Structure (Inset: Perseverance Mine)¹

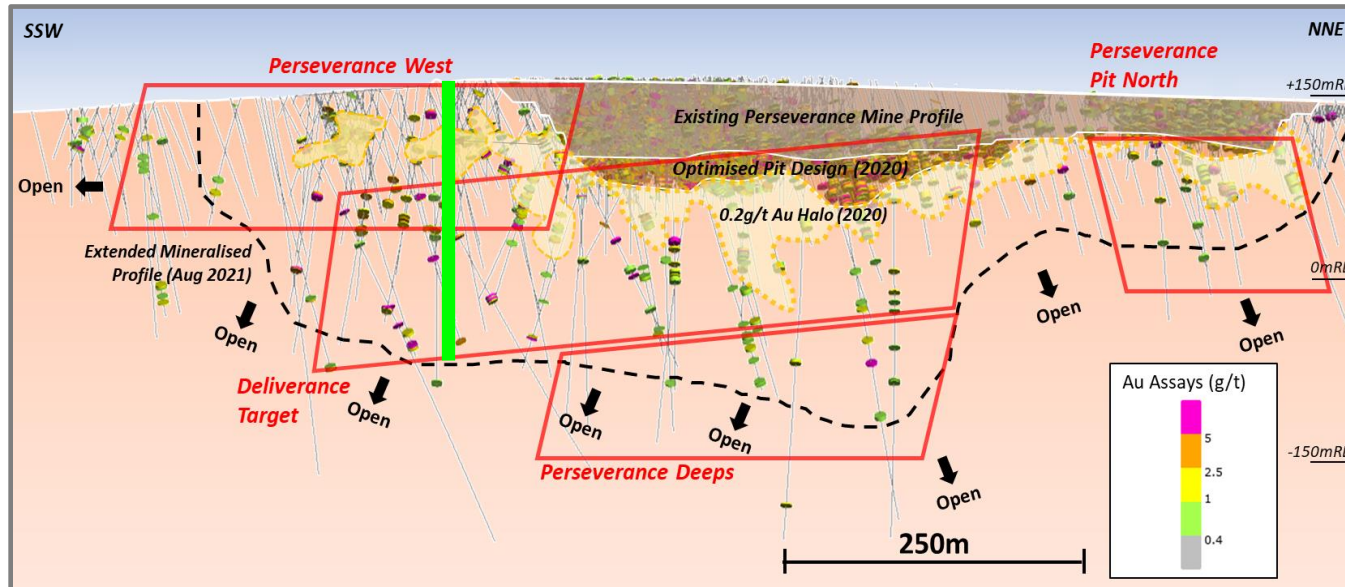
¹ Refer to Prospectus

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

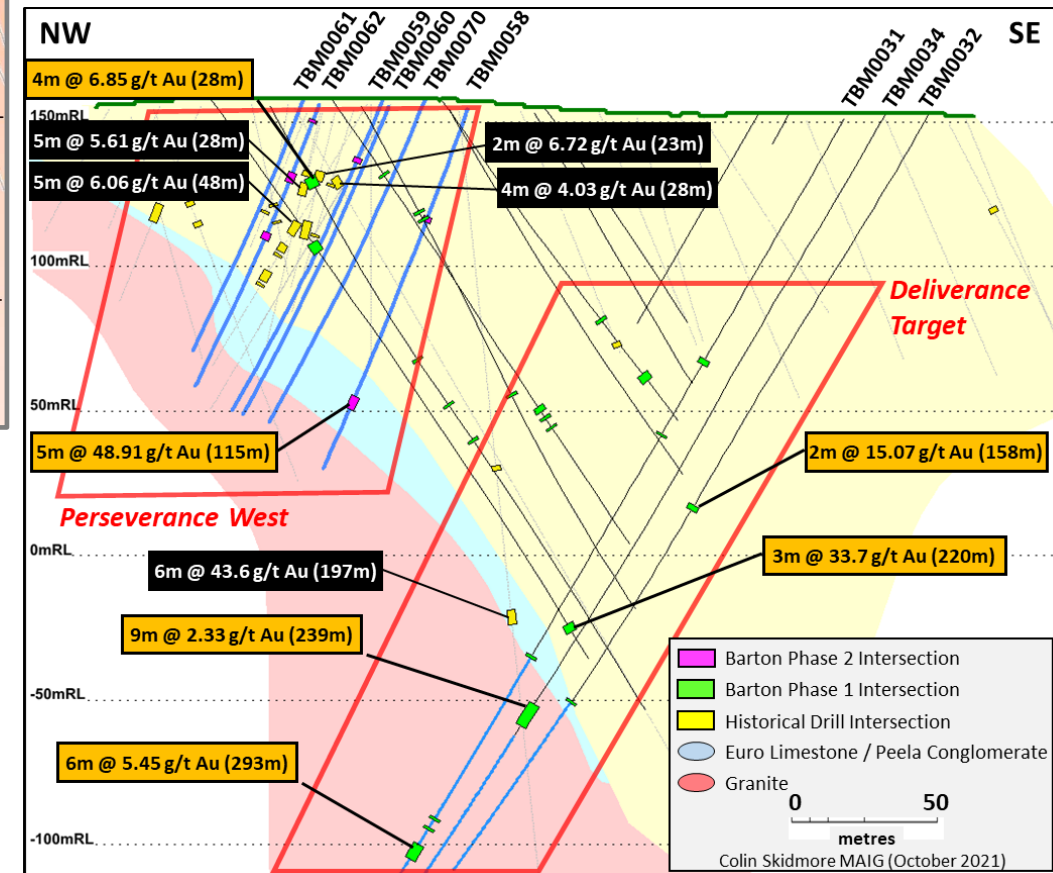
³ Refer to Barton ASX announcements dated 12 July and 29 September 2021

Tarcoola Shallow Open Pit w/ Extensions

New ~350m Long High Grade Gold Zone Adjacent to Main Structure



- Two parallel structures offset by ~50-100m; potential high-value SSW pit extension opportunity¹
- Most intersections not yet included in Resources



Perseverance Mine Long Section with 2020 0.2 g/t Au Halo & New 2021 Profile Extensions¹

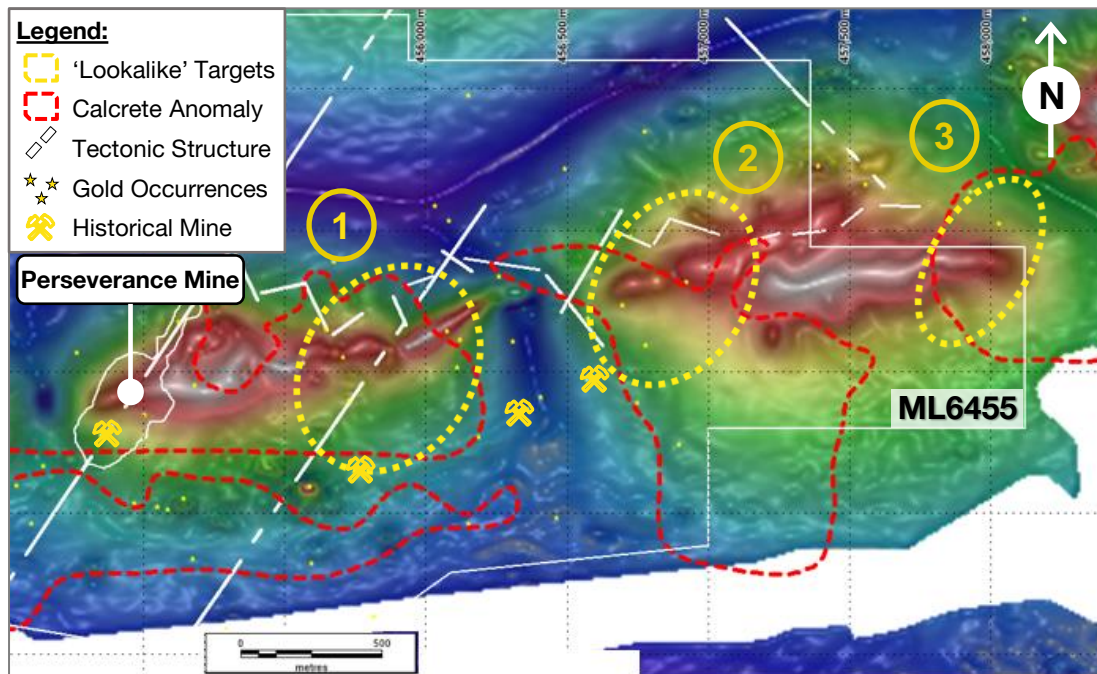
- Example Pers. West results:¹
 - 4m @ 6.85 g/t Au from 28m
 - 7m @ 9.72 g/t Au from 42m
 - 5m @ 20.6 g/t Au from 59m
 - 6m @ 8.76 g/t Au from 96m
 - 4m @ 11.4 g/t Au from 111m
 - 5m @ 48.9 g/t Au from 115m
- Example Deliverance results:¹
 - 5m @ 20.6 g/t Au from 59m
 - 2m @ 56.7 g/t Au from 92m
 - 4m @ 11.4 g/t Au from 107m
 - 4m @ 14.8 g/t Au from 138m
 - 6m @ 43.6 g/t Au from 197m
 - 3m @ 33.7 g/t Au from 220m

¹ Refer to Prospectus and Barton ASX announcements dated 20 / 27 October 2021

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

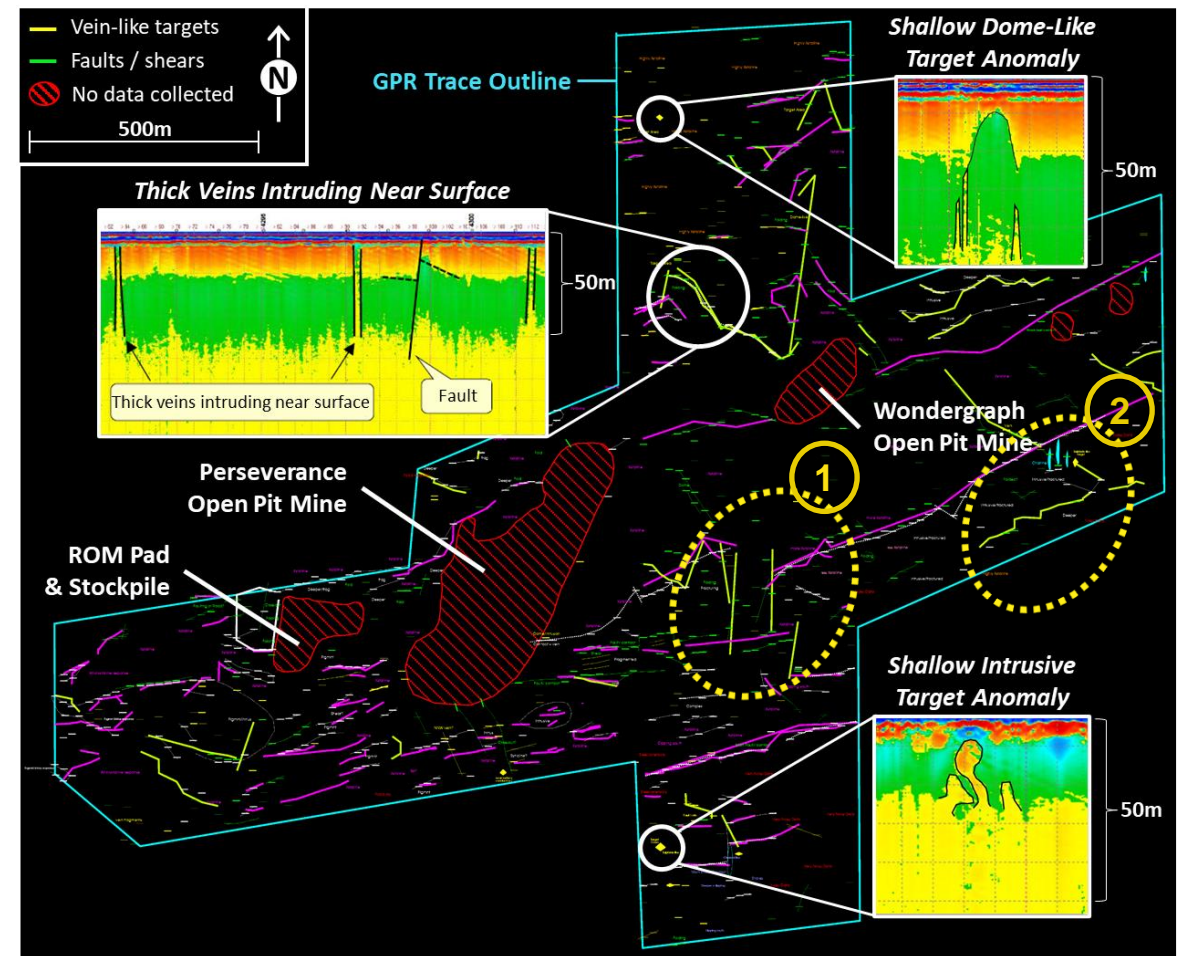
Tarcoola Shallow New ML Targets

R&D Applications Providing Multiple High-Value Opportunities



Potential Near-Mine 'Perseverance Repeat' Targets within ML6455¹

- Ground penetrating radar (GPR) confirms pre-IPO theses with 25+ new shallow targets near open pit¹
- Vein-like and intrusive targets from 2 - 10m depth¹



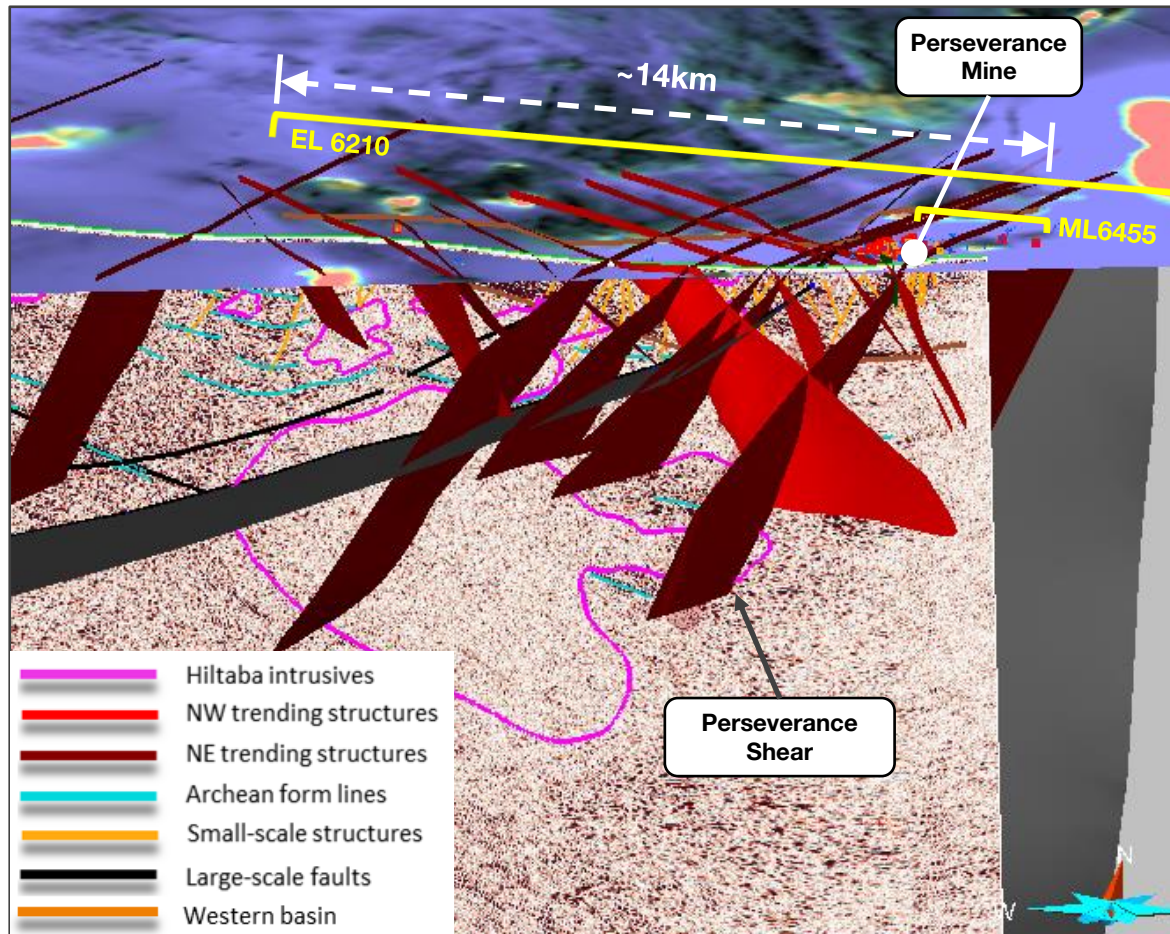
ML6455 – GPR Survey Area with New Vein Targets (Yellow) & Other Anomalies

¹ Refer to Barton ASX announcement dated 29 September 2021

Tarcoola Camp-Scale Repeating System

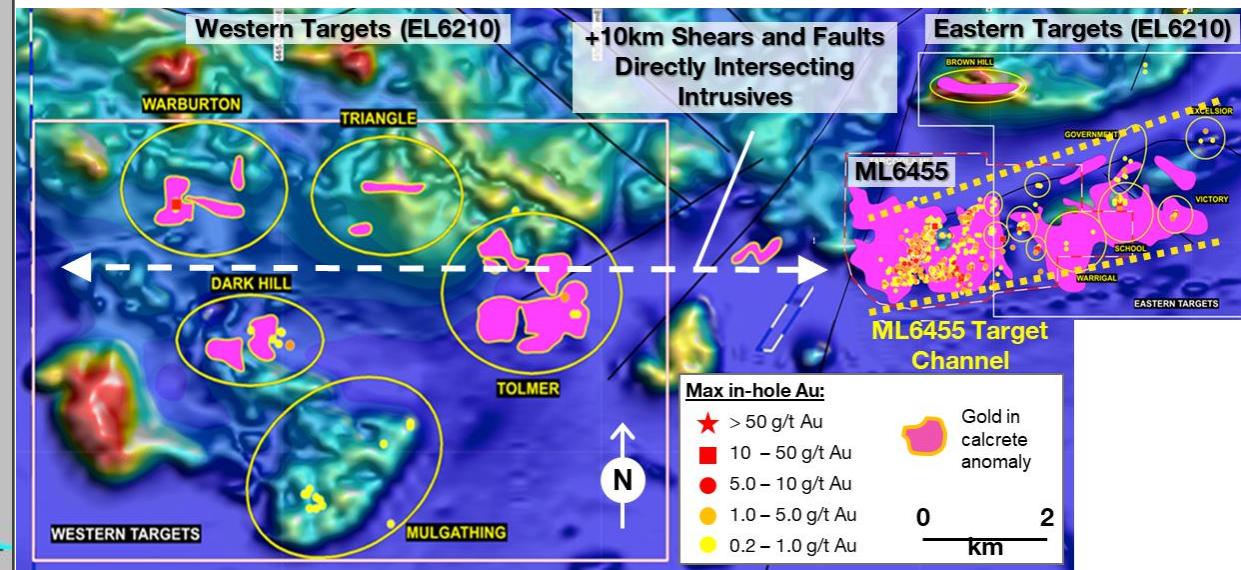
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New Regional Structural Model Indicates Significant Discovery Potential¹



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

- New structural model with ~14km of analogous structures - correlates with historical surface data¹
- 2022 drilling on priority targets for new discoveries
- Significant potential for 'repeats' and rapid growth of Tarcoola Project footprint



Priority Regional Targets Overlying Regional Architecture¹

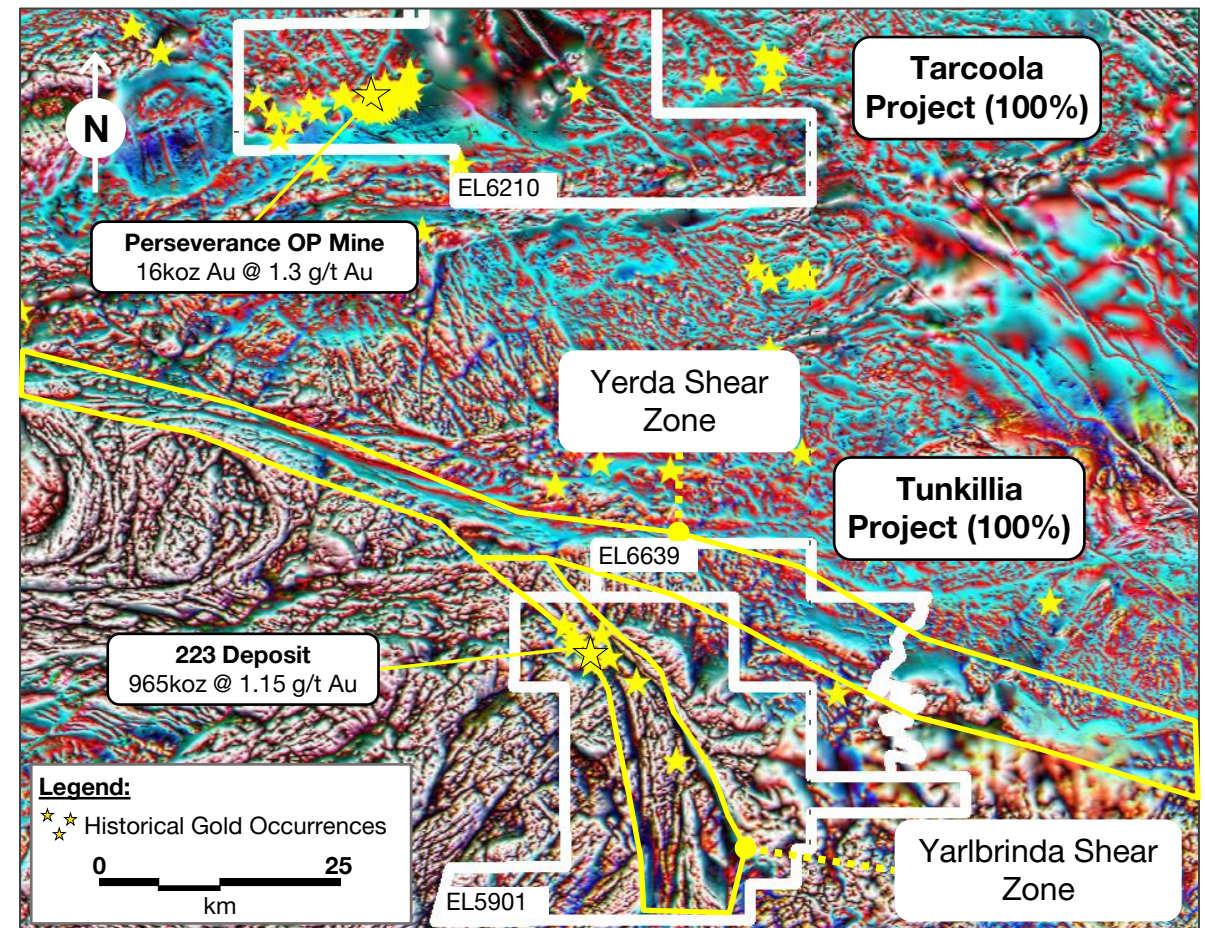
¹ Refer to Prospectus

Tunkillia ~1Moz Au Growth Platform

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Large-Scale Baseload Mineralisation Near Tarcoola

- 100% owned
- ~70km S/SE of Tarcoola
- ~1,285km² tenement package¹
- ~50km strike on major shear systems analogous to major Kalgoorlie Shear Zone systems¹
- **223 Deposit with 965koz Au (~68% Indicated) on ~2.5km of shallow, continuous mineralisation²**
- **Established platform with multiple advanced targets and multi-Moz district scale potential**
- **Early validation with ~1.5km new mineralisation and higher-grade central zone in 223 Deposit³**



Tunkillia Project with Yerda & Yarlbrinda Shear Zones¹

¹ Refer to Prospectus

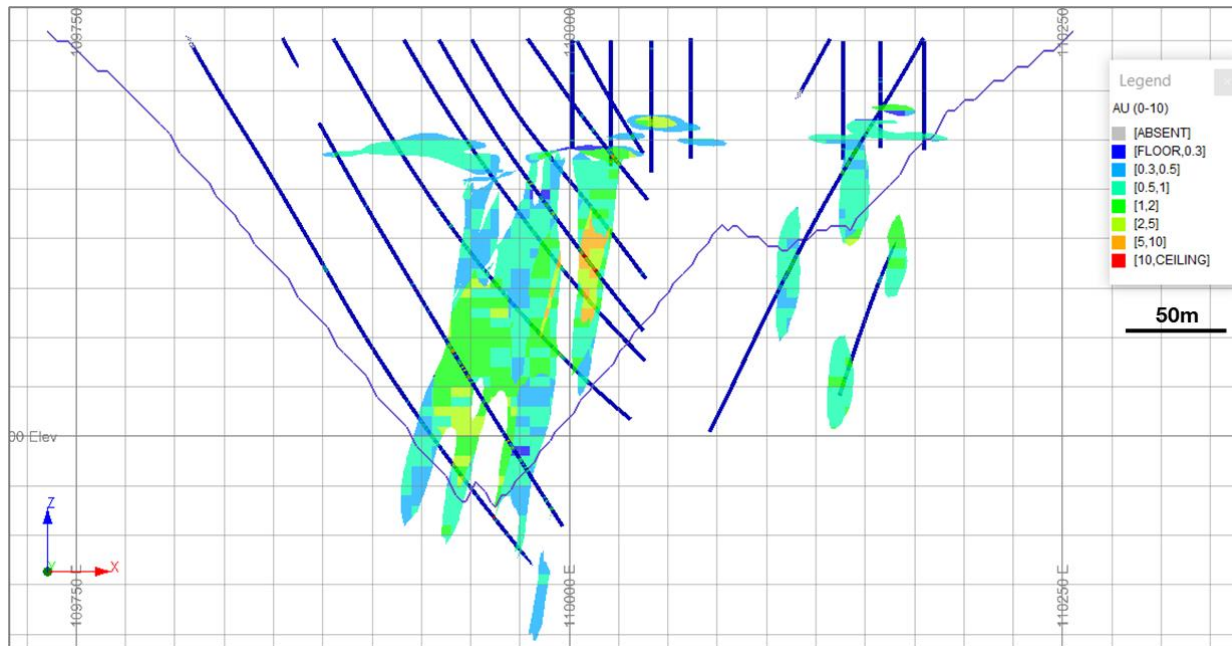
³ Refer to Barton ASX announcements dated 3, 8 and 15 November 2021

² 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)

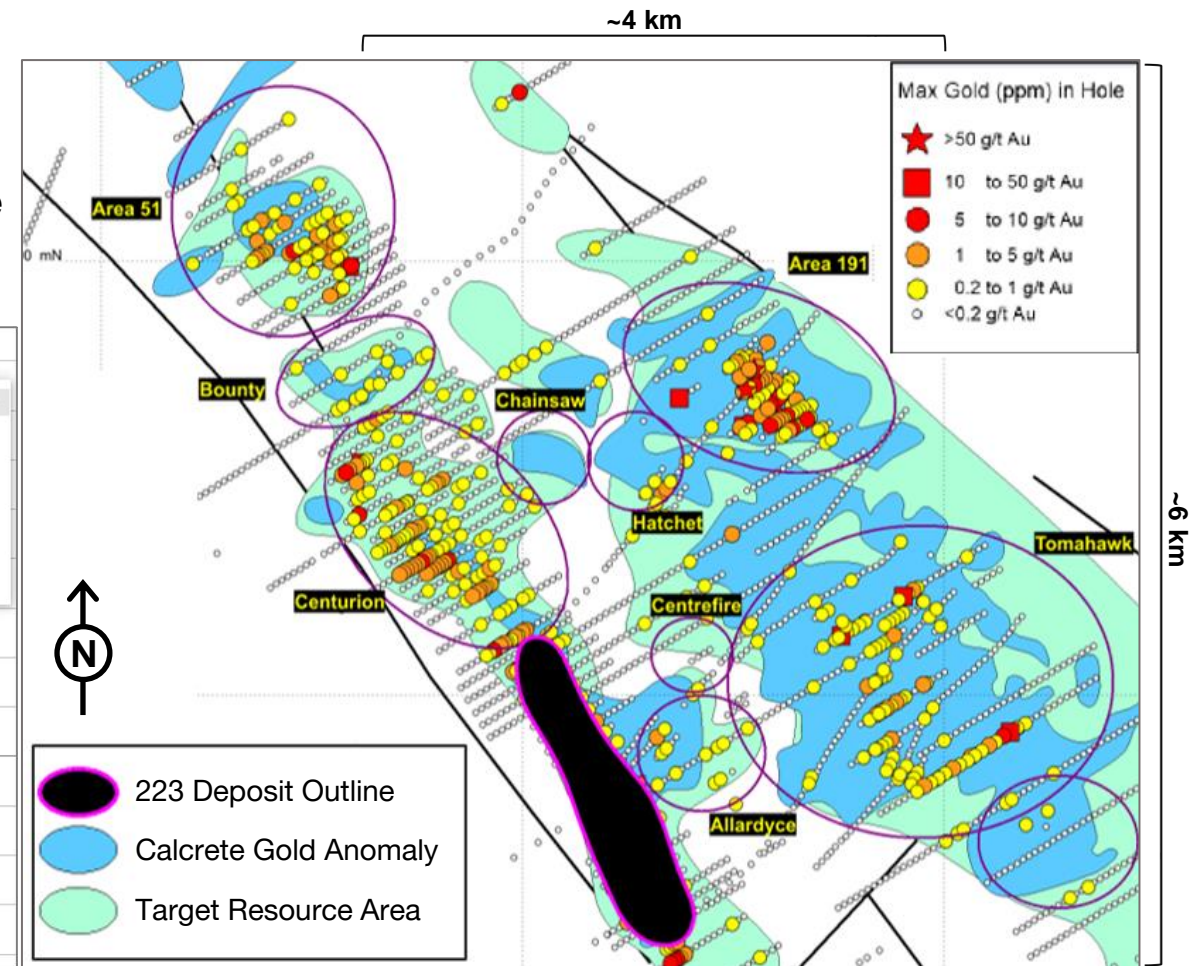
Tunkillia High Value Road Map

Advanced Targets = Immediate Camp-Scale Opportunity

- Broad mineralisation with higher-grade domains
- Advanced satellite targets are prospective for large-scale discoveries and significant new mineralisation¹



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



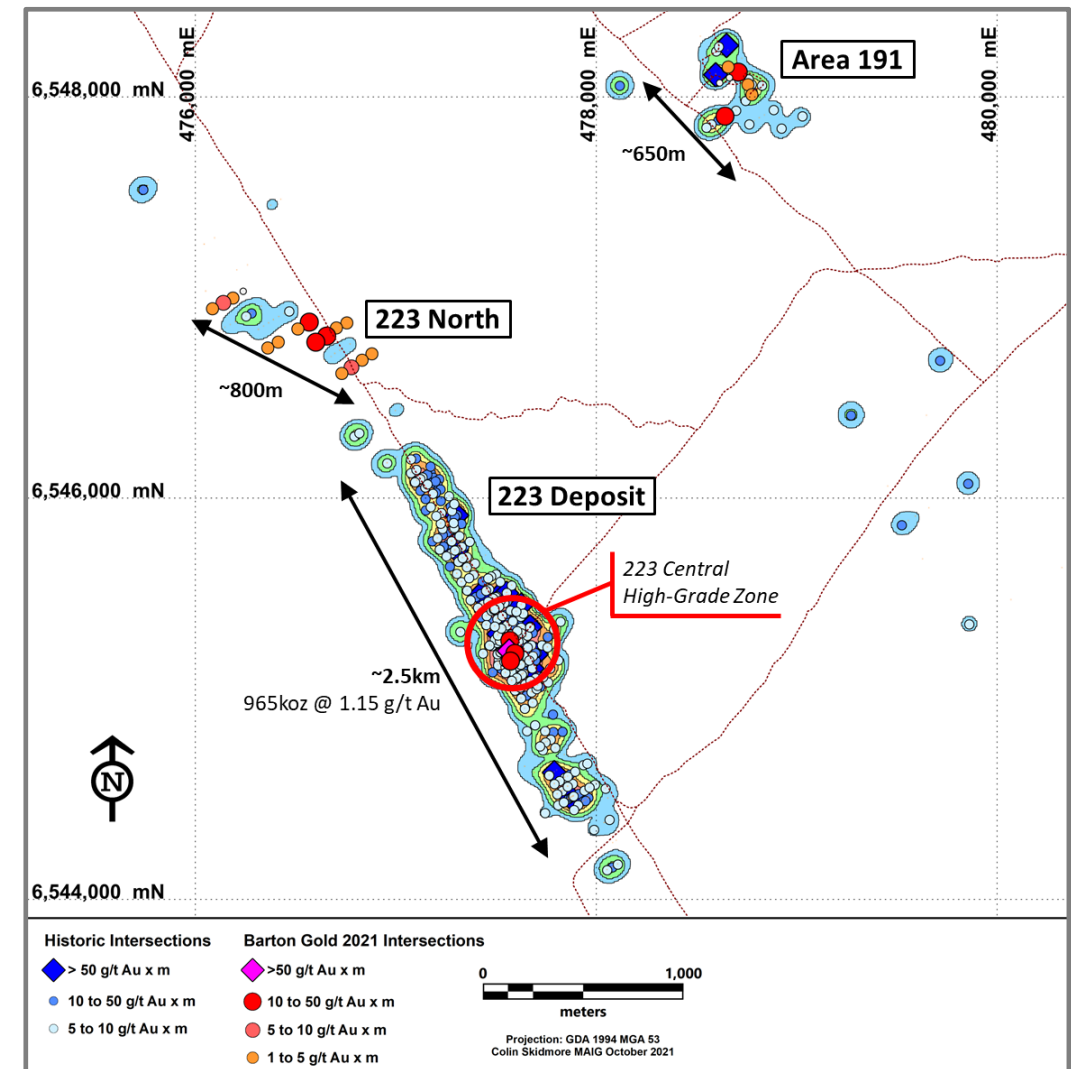
Tunkillia Project Showing 'Line of Lode' Mineralised Targets¹

¹ Refer to Prospectus

Tunkillia Rapid Growth

Converting Historical Data with New Analysis

- The 223 Deposit is part of a much larger system of mineralisation on the western and eastern shear margins
- **Barton is rapidly expanding the Tunkillia project footprint**
- **Post-IPO drilling has already confirmed:²**
 - ~250m long higher-grade zone in 223 Deposit;
 - 2 new gold zones (223 North and Area 191); and
 - ~60% increase in total mineralised strike to ~4km
- **2022 drilling will target discovery of new gold zones near 223 Deposit and regional project expansion**
- **Potential to apply new tech and predictive models across much larger portion of Yarlbirinda Shear Zone**



Tunkillia Project with 223 Deposit, 223 North and Area 191 Gold Zones²

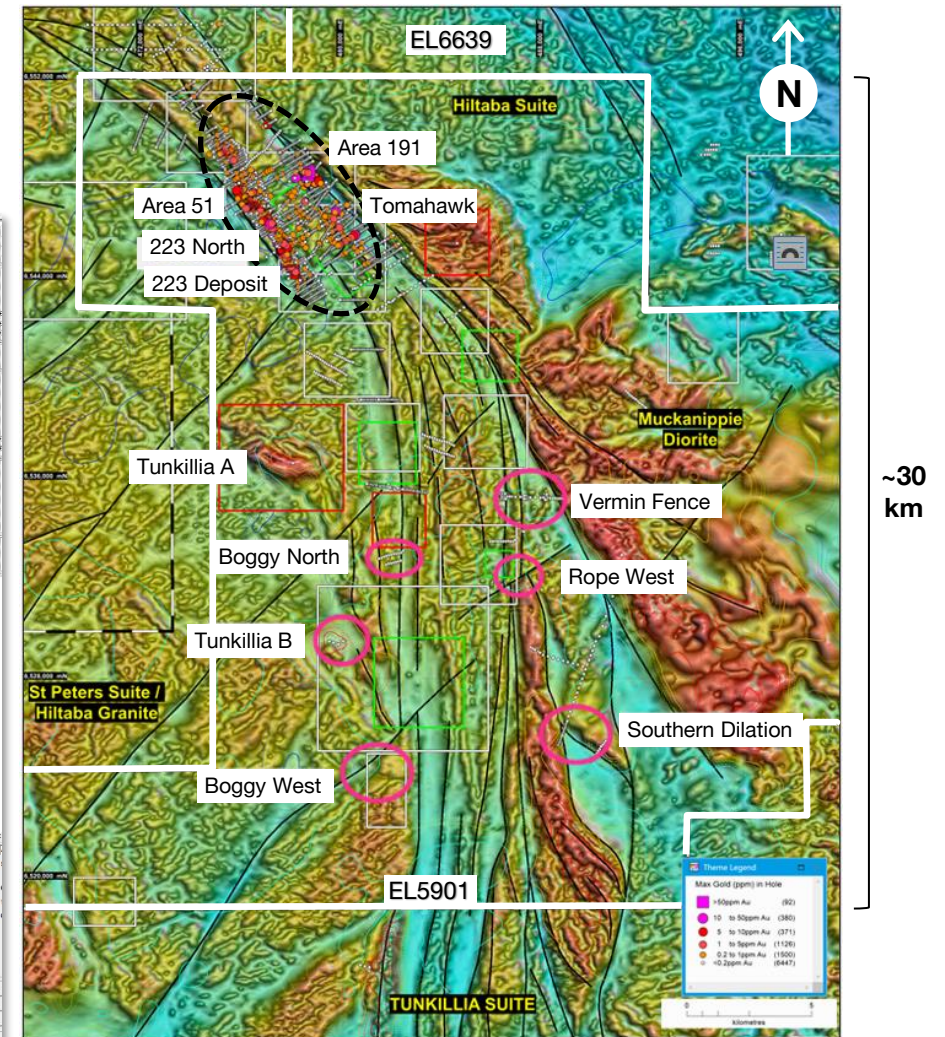
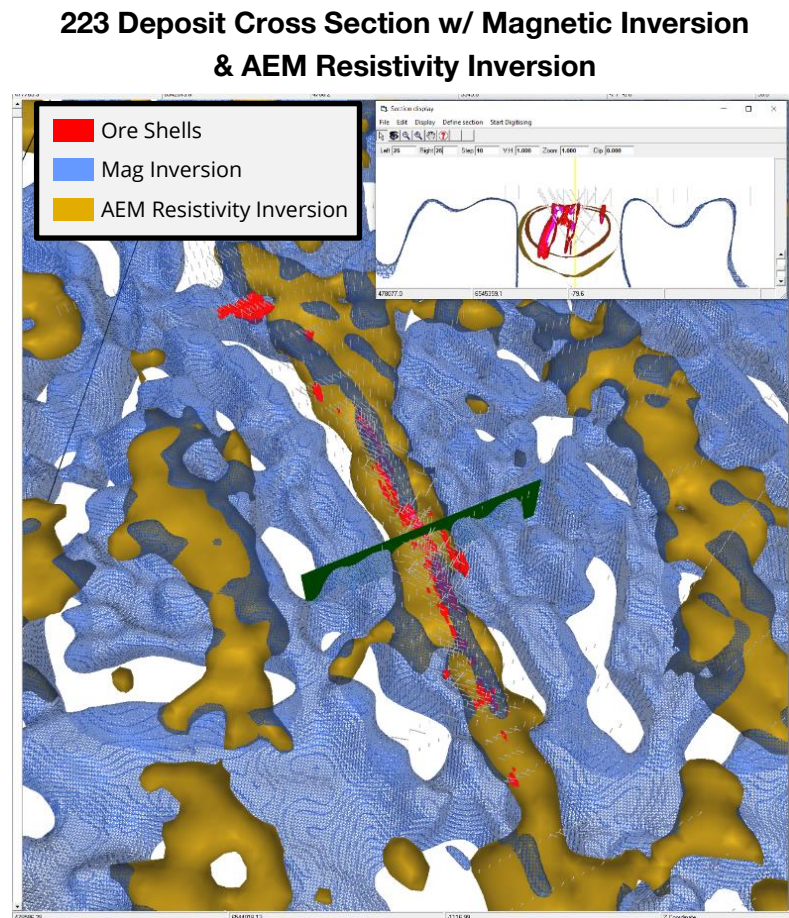
¹ Refer to Prospectus

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

Tunkillia Untapped District Scale Potential

Major Structure in Historical Gold District

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



Tunkillia Regional Targets Along Yarbrinda Shear Zone¹

¹ Refer to Prospectus

Development Next 12 Months

New Discoveries, Extensions & Mineral Resources

Exploration & Development

- Extend new Perseverance West gold zone

Tarcoola

- Test priority near-mine shallow targets
- New discoveries at priority regional targets

- Extend new 223 North gold zone

Tunkillia

- Test and validate other priority satellite targets
- Extend model to next 5-10km of host structure

- **Convert targets to new gold mineralisation**

Growth

- **Upgrade Mineral Resource Estimate(s)**
- **Confirm platform for scale development PFS**



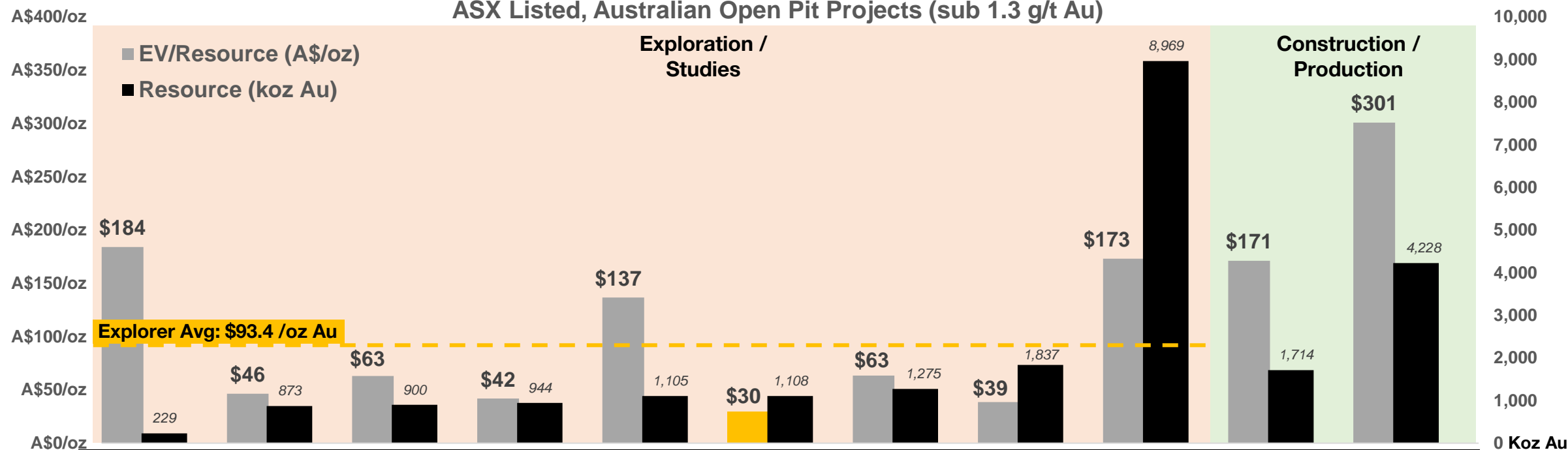
Proven Exploration Thesis >>> Targeting +20,000m drilling from ~April 2022

Compelling Value

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~3x Multiple to Trade In-Line with Peers

Barton Gold ASX Peer Group¹
ASX Listed, Australian Open Pit Projects (sub 1.3 g/t Au)



	Marmota Limited	Kairos Minerals	Anglo Australian	Saturn Metals	Apollo Consolidated	Barton Gold	Kin Mining	Ausgold Limited	De Grey Mining	Calidus Resources	Capricorn Metals	Explorer Average
ASX Code:	MEU	KAI	AAR	STN	AOP	BGD	KIN	AUC	DEG	CAI	CMM	
Project:	Aurora Tank / WGCJV	Pilbara	Mandilla	Apollo Hill	Lake Rebecca	Tarcoola / Tunkilla	Cardinia	Katanning	Mallina	Warrawoona	Karlawinda	
Location:	Central SA	WA	WA	WA	WA	Central SA	WA	WA	WA	WA	WA	
Stage:	Exploration	Exploration	Exploration	Exploration	Scoping	Exploration	PFS	Scoping	Scoping	Construction	Production	
Infrastructure:	Nil	Nil	Nil	Nil	Nil	650ktpa CIP	Nil	Nil	Nil	2Mtpa CIL	4-5Mtpa CIL	
Resource (koz):	229	873	900	944	1,105	1,108	1,275	1,837	8,969	1,714	4,228	1,916
Grade (g/t Au):	1.10	1.30	1.03	0.80	1.20	1.20	1.27	1.24	1.20	1.21	0.80	1.17
M&I Resource (%):	8%	42%	47%	59%	74%	60%	63%	65%	43%	68%	41%	51%
EV (A\$):	\$42.2m	\$40.5m	\$56.9m	\$39.6m	\$151.0m	\$32.8m	\$80.9m	\$70.7m	\$1,553.8m	\$293.3m	\$1,272.1m	\$229.8m
EV / oz (A\$):	\$184.1	\$46.4	\$63.2	\$41.9	\$136.7	\$29.6	\$63.5	\$38.5	\$173.2	\$171.1	\$300.9	\$93.4

¹ See Peer Comparison Data Sources at annexures; based upon ASX share prices as at market close on 4 Feb 2022. Average Grade is weighted average by tonnes and grade. AOP acquired by Ramelius Resources and removed from Official List of the ASX on 16 Dec 2021.

Annexures

Innovation ADI – “Proof of Concept”

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DEM’s Accelerated Discovery Initiative (ADI)^{1,2}

- Improving detection processes for Au systems in Gawler Craton
- Trial of integrated soil geochemistry techniques
- Leveraging CSIRO research, IP and proprietary technologies
- Multiple methodologies
 - Biogeochemistry
 - Au by pXRF (Portable ppb)
 - Ultrafine+ soil samples (CSIRO)
 - Conventional soils and calcrete
- Regolith constrained
- Game-changing potential if proven

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ASX Announcement
4 August 2021

Barton signs \$300,000 ADI Funding Agreement with South Australian Government

HIGHLIGHTS

- Barton Gold awarded \$300,000 exploration grant by the South Australian Government
- Funds to be utilised for proof-of-concept exploration program at Tarcoola Project

Barton Gold Holdings Limited (ASX: **BGD**) (**Barton** or the **Company**) is pleased to announce that it has executed a \$300,000 funding agreement with the South Australian Minister for Energy and Mining (**ADI Funding Agreement**). The Company was notified on 21 July 2021 under Round 2 of the South Australian Government’s Accelerated Discovery Initiative (ADI) which provides up to \$300,000 co-funding for an approved project.



**ACCELERATED
DISCOVERY
INITIATIVE**



Barton Gold

ASX Announcement
6 October 2021

Barton Signs Agreements to Trial CSIRO Exploration Technology

HIGHLIGHTS

- Barton to trial next-generation CSIRO exploration technology at Tarcoola Gold Project
- Technology delivers in-field soil sampling analysis, avoiding traditional lab-based delays
- Potential benefits include more effective use of resources, a faster rate of discovery, better target validation, and real-time optimisation of live drilling programs
- Works co-funded by South Australian Government Accelerated Discovery Initiative (ADI)

Barton Gold Holdings Limited (ASX: **BGD**) (**Barton** or the **Company**) is pleased to announce that (via its wholly-owned subsidiary Barton Gold Pty Ltd), it has signed collaboration agreements with the Commonwealth Scientific and Industrial Research Organisation (CSIRO) to trial new and innovative advanced geochemical and machine learning techniques at the Tarcoola Gold Project.¹

Technology Deployment

¹ Refer to Barton ASX announcement dated 4 August 2021

² Refer to Barton ASX announcement dated 6 October 2021

Innovation Portable XRF Au-in-soil analysis

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CSIRO / Portable ppb's "DetectORE" technology¹



- Bulk field sample @ -2mm
- Detections limits <20ppb Au, possibly to ~10ppb Au
- Results turnaround time ~1 - 2 days

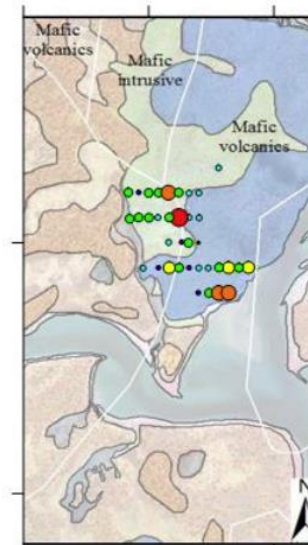
detect+ORE™

Tuesday



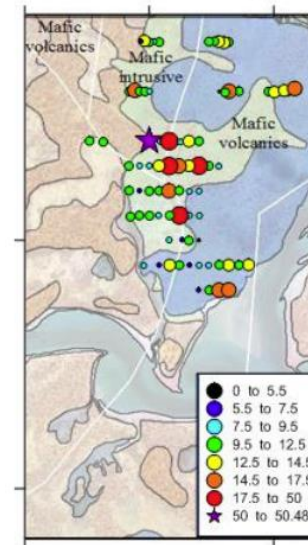
Site Arrival

Wednesday



First Glimpses

Thursday



Discovery position
& dimensions

¹ https://portableppb.com/files/1_detectORE_Overview_Website_April2021.pdf

Innovation Ultrafine+™ & Biogeochemistry

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Leveraging CSIRO & GSSA's research & application

How and why

- UltraFine™+ and biogeochemistry = fast sampling, with minimal disturbance
- Updated soil and plant chemistry for the Gawler, following GCAS release and preceding the Gawler Phase 2 project
- LabWest in Perth, Western Australia for UltraFine+ and microwave-assisted aqua regia digestion and assay of plant samples



- Trialing emerging but proven geochemistry techniques to improve detection of buried mineralization
- Leveraging established research, service providers and local GSSA knowledge

Pearl bluebush



Bladder saltbush



Black bluebush



DISCOVERY DAY 2021

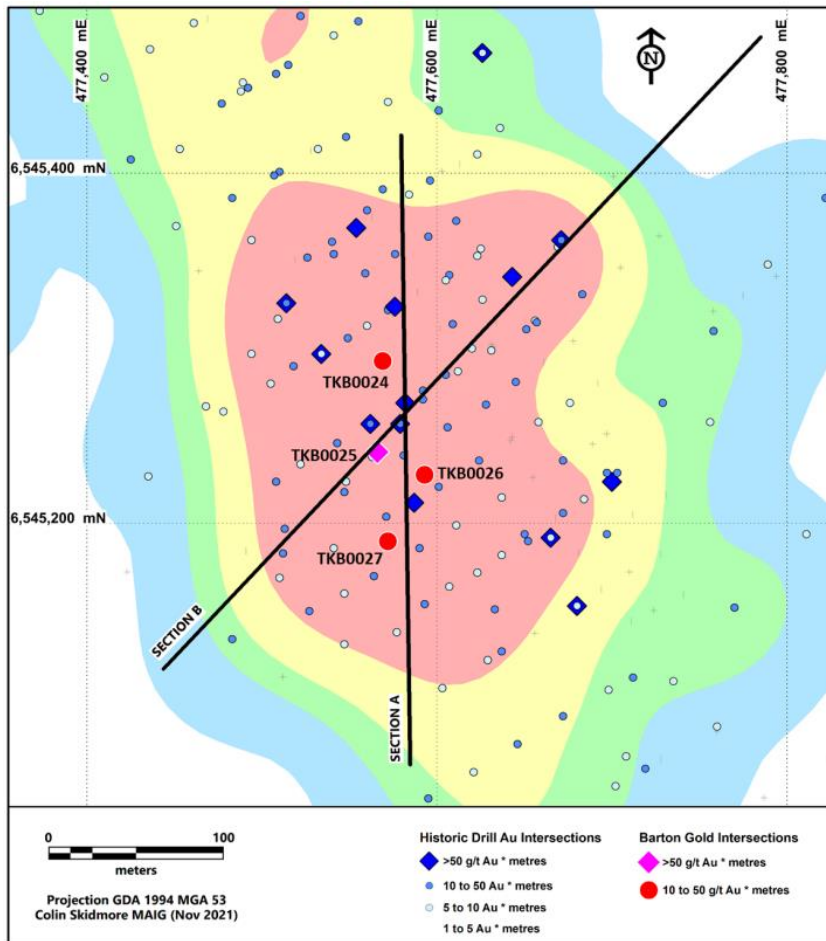


DISCOVERY DAY 2021

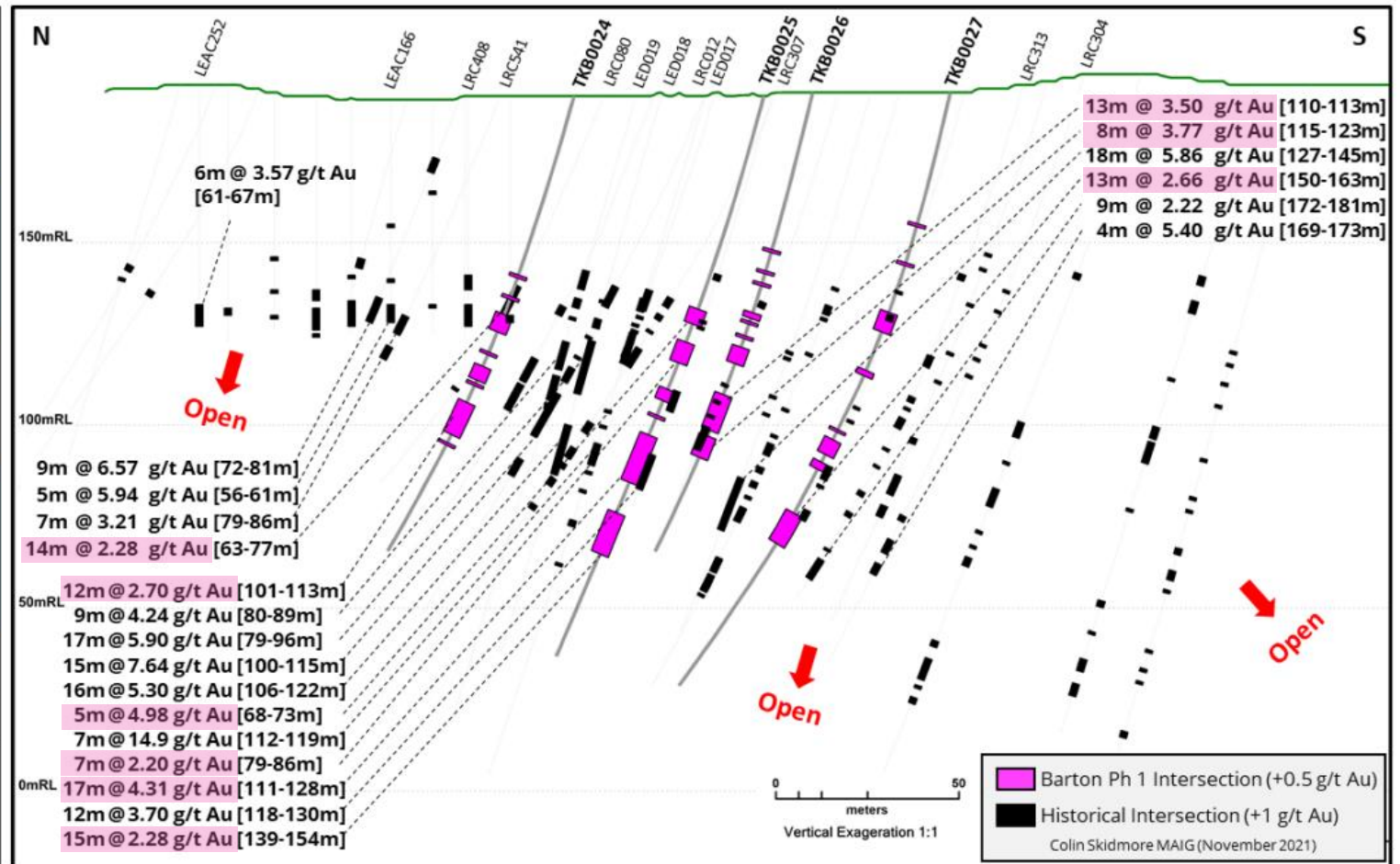
Tunkillia Central 223 Deposit

Barton Gold

Validating the High Grade (+2g/t Au) Domaining¹



Tunkillia Central Area 223 Significant Intersections²



Tunkillia Central Area 223 Long Section with Significant Intersections²

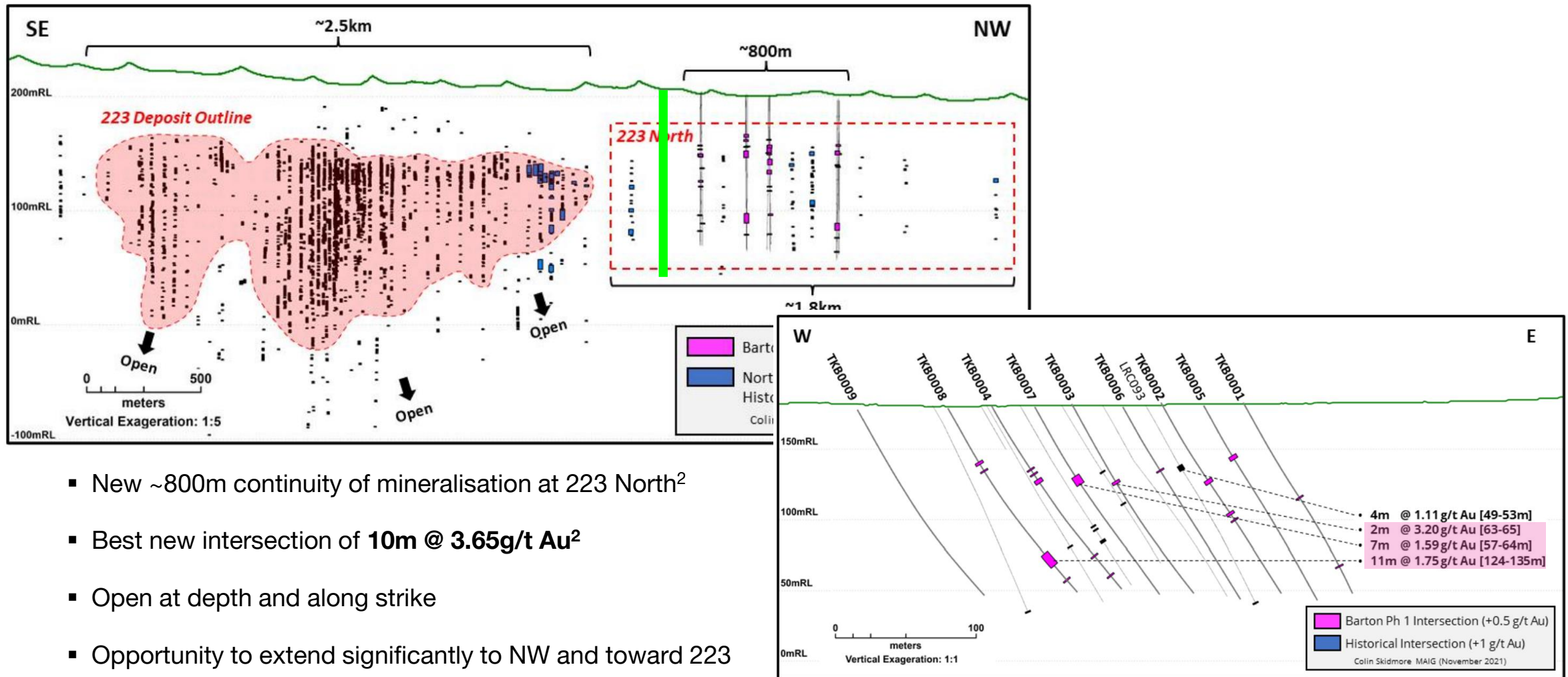
¹ Refer to Prospectus

² Refer to Barton ASX announcement dated 15 November 2021

Tunkillia 223 North

Barton Gold

Validating Potential for Along-Strike Additions^{1,2}



- New ~800m continuity of mineralisation at 223 North²
- Best new intersection of **10m @ 3.65g/t Au²**
- Open at depth and along strike
- Opportunity to extend significantly to NW and toward 223

¹ 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.

¹ Refer to Prospectus

² Refer to Barton ASX announcement dated 3 November 2021

Peer Comparison Data Sources

All Data Sourced from Company Materials Published on ASX Platform

Company:	Marmota Limited	Anglo Australian	Kairos Minerals	Saturn Metals	Apollo Consol.	Barton Gold	Kin Mining	Ausgold Limited	Calidus Resources	Capricorn Metals	De Grey Mining
ASX Code:	MEU	AAR	KAI	STN	AOP	BGD	KIN	AUC	CAI	CMM	DEG
Project:	Aurora Tank / WGCJV	Mandilla	Pilbara	Apollo Hill	Lake Rebecca	Tarcoola / Tunkilla	Cardinia	Katanning	Warrawoona	Karlawinda	Mallina
Location:	Central SA	WA	WA	WA	WA	Central SA	WA	WA	WA	WA	WA
Stage:	Exploration	Exploration	Exploration	Exploration	Scoping	Exploration	PFS	Scoping	Construction	Production	Scoping
Ownership:	100% / 71-79%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Enterprise Value Inputs:											
# Shares	2021.11.15 ASXR	2021.12.31 ASXR	2022.01.20 ASXR	2021.12.07 ASXR	2021 AR	2021 AR	2021.11.12 ASXR	2021.12.13 ASXR	2022.01.10 ASXR	2021.11.29 ASXR	2022.01.14 ASXR
Market Price	CommSec	CommSec	CommSec	CommSec	CommSec	CommSec	CommSec	CommSec	CommSec	CommSec	CommSec
Market Price Date	4-Feb-22	4-Feb-22	4-Feb-22	4-Feb-22	2021.11.25	4-Feb-22	4-Feb-22	4-Feb-22	4-Feb-22	4-Feb-22	4-Feb-22
Cash	2021.12.31 QCF	2021.12.31 QCF	2021.12.31 QCF	2021.12.31 QCF	2021.09.30 QCF	2021.12.31 QCF	2021.12.31 QCF	2021.12.31 QCF	2021.12.31 QCF	2021.12.31 QCF	2021.12.31 QCF
Liabilities	2021 AR	2021 AR	2021 AR	2021 AR	2021 AR	2021 AR	2021 AR	2021 AR	2021 AR	2021 AR	2021 AR
Mineral Resources Data:											
Measured (Mt)	0.000	0.000	0.000	0.000	0.000	0.000	0.800	6.590	2.300	0.000	4.710
Grade Au	0.00	0.00	0.00	0.00	0.00	0.00	1.16	1.65	0.98	0.00	1.70
koz Au	0	0	0	0	0	0	30	349	72	0	265
Indicated (Mt)	0.500	12.285	8.565	21.200	19.200	17.700	16.700	21.970	30.600	67.200	79.790
Grade Au	1.10	1.06	1.33	0.80	1.30	1.20	1.43	1.19	1.10	0.80	1.40
koz Au	18	427	366	556	815	669	770	841	1,088	1,722	3,565
Inferred (Mt)	5.730	14.572	12.264	14.700	9.900	10.970	13.600	17.580	11.300	99.200	145.300
Grade Au	1.10	1.00	1.28	0.80	0.90	1.20	1.09	1.14	1.60	0.80	1.10
koz Au	211	473	507	388	290	439	474	647	555	2,505	5,138
Total (Mt)	6.24	26.86	20.93	35.90	29.10	28.68	31.10	46.14	44.10	166.50	229.80
Grade Au	1.10	1.03	1.30	0.80	1.20	1.20	1.27	1.24	1.21	0.80	1.20
koz Au	229	900	873	944	1,105	1,108	1,275	1,837	1,714	4,228	8,969
Source:	2021.11.15 ASXR	2022.01.18, 2019.04.08 ASXRs	2021.11.25 ASXR	2021.11.24 ASXR	2021.08 CP	2021.09.30 QAR	2021.10.14 CP	2021.12.07 ASXR	2021.11.17 CP	2021.11.24 CP	2021.12.31 QAR
Other Data & Sources:	Co Website	Co Website	Co Website	Co Website	Co Website	Co Website	Co Website	Co Website	Co Website	Co Website	Co Website
Other Notes:	Figures subject to rounding AR = Annual Report ASXR = ASX Release CP = Company Presentation QAR = Quarterly Activities Report QCF = Appendix 5B Quarterly Cashflow Report					QAR = Quarterly Activities Report QCF = Appendix 5B Quarterly Cashflow Report EV = Enterprise Value EV = Market Cap + Liabilities / Borrowings + Derivative Liabilities (if applicable) - Cash + Trade & Other Payables (as working capital adjustment to Cash)					

JORC (2012) Mineral Resources¹

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
	Sub-Total	17.5	1.17	660	8.6	1.11	305	26.1	1.15	965
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
	Sub-Total	0.07	1.7	3.8	0.30	1.2	12.0	0.37	1.3	15.8
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
	Sub-Total	--	--	--	0.53	3.9	65.6	0.53	3.9	65.6
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
	Sub-Total	0.7	1.1	25	7.99	1.1	294	8.7	1.1	319
TOTAL ATTRIBUTABLE		17.7	1.2	669	10.97	1.2	439	28.68	1.20	1,108

▪ 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.

¹ 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 or 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 (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).

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).