

ASX:BGD OTCQB:BGDFF FRA:BGD3



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Date and Currency

This document is dated 30 August 2023 ("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 <a href="https://www.bartongold.com.au or www.bartongold.com.au or <a href="https://www.bartongold.com.au or <a href="https://www



South Australia's Gold Co

Strategic 'first mover' advantage re-opening a proven gold district



Central South Australia: an overlooked gold jurisdiction

- South Australia: 25% of Australian gold / 2.5% of production (1)
- 130 year high-grade gold production history (2)
- Under-explored with Multi-Moz discovery potential



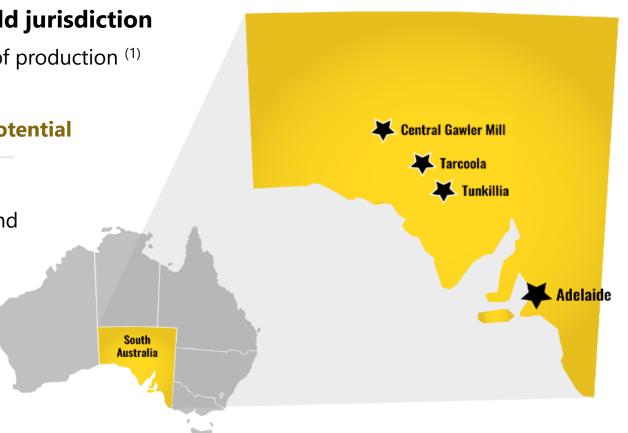
Regionally strategic leadership position

- ~5,100km² tenements over best historical ground
- 100% ownership of region's only gold mill
- 1.3 Million ounces Au (3) and growing



Excellent corporate platform

- Strong leadership and clear strategy
- Monetizing assets, with ~\$14m
 cash and gold in concentrates (4)



¹ Government of South Australia – Dept for Energy & Mining, Geoscience Australia

² Refer to Prospectus

³ Refer to ASX announcement dated 26 April 2023



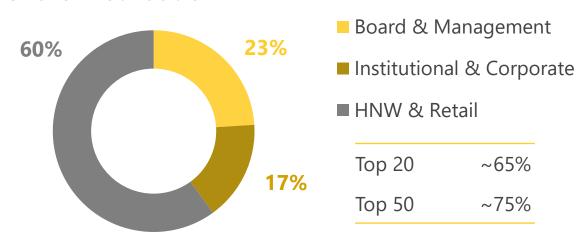
(\$AUD)

Shares on issue (1)	195.3 million
Market Cap (\$0.23 / share) (2)	\$44.9 million
Unrestricted cash (3)	\$10.5 million
Enterprise Value (4)	\$34.4 million
Options on issue (1)	18.6 million
Gold in concentrates (5)	\$4.1 million



Accessible, aligned, and institutionally supported













BALLINGAL INVESTMENT ADVISORS



Experienced Leadership

Strong SA and gold pedigree

Board of Directors



Ken Williams Non-Executive Chairman

- ~30 years in mining, aviation & financial services
- Former CFO Normandy Mining (Newmont Australia)



Christian Paech Non-Executive Director

- ~30 years in private and public legal practice
- Former General Counsel and Co-Sec Santos Ltd



Graham Arvidson Non-Executive Director

- ~20 years in mechanical engineering experience
- Development and operations specialist



Shannon Coates Company Secretary

- ~25 years in legal and Company Secretarial roles
- Qualified lawyer and Chartered Secretary

Senior Management



Alexander Scanlon Managing Director & CEO

- ~20 years in principal investments and resources
- Founder of Barton Gold, formerly MD PARQ Capital



David Wilson General Manager, Projects

- ~40 years in mining and project management
- Former Normandy Chief Surveyor & Tech Services



Marc Twining General Manager, Exploration

- ~25 years in resources exploration and development
- Former Normandy / Newmont exploration geologist



Ian Garsed **Principal Geologist**

- ~30 years in resources discovery and definition
- Extensive Australian gold and IOCG experience



The Big Picture



Large-scale ambition

- Build SA's largest independent gold producer (150kozpa)
- Open pit focus: lower risk / cost



Tarcoola: Stage 1 opportunity

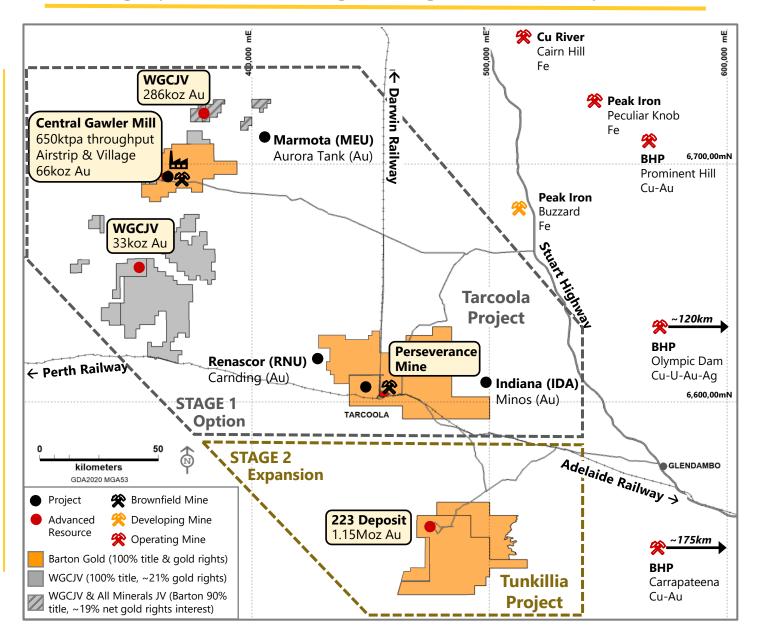
- Fully permitted MLs and mill, proven logistics and metallurgy (1)
- Free cash flow → Stage 2 Expansion



Tunkillia: Stage 2 expansion

- Bulk open pit operations and new mill \rightarrow efficiencies of scale
- Tarcoola high-grade → Tunkillia
- Regional toll milling opportunity around Central Gawler Mill

Leverage platform to long-term gold leadership





Barton Gold is applying new technologies and leveraging its asset platform to accelerate regional development, reduce exploration and discovery costs, and minimise dilution

Significant ongoing success and value created since June **2021 IPO** with material growth and asset monetisation:



new gold zones (~2.5km new strike) (1)



\$975k grants from SA Government (2)



\$5.2m cash generated



Building momentum and on track to generate nearly \$10 million in additional non-dilutive cash

- 1 Refer to Prospectus and ASX announcements dated 27 Oct and 3 / 8 / 15 Nov 2021, 5 Sep 2022 and 19 Apr 2023
- 2 Refer to ASX announcements dated 4 Aug and 7 Dec 2021, and 15 Jun 2022
- 3 Refer to ASX announcements dated 28 / 30 Jun, 26 Sep, 25 Oct and 11 Nov 2022, 28 Mar 2023 & FY 2022 / 2023 Appendix 5Bs
- 4 Refer to ASX announcement dated 21 August 2023
- 5 Timeline: Refer to ASX announcements dated 20 Dec 2022 and 28 Mar, 26 Apr, 1 / 19 / 26 June, 10 / 19 Jul, and 14 / 21 Aug

Laying solid foundations for long-term value



Central Gawler Mill cleanout Q

\$490,000 gold sale

223 Deposit → 1.15Moz Au (

\$3.5m Insto Placement

Gold concentrates \rightarrow \$3.4m

\$1.2m Share Purchase Plan

Seismic targeting program (

Gold concentrates \rightarrow \$4.1m

Seismic & A.I. programs, Resource growth drilling, & regional discovery work



Tarcoola High-Grade History

Potential high-grade 'Stage 1' feed and future 'Stage 2' blend



ML6455: the home of SA gold

- Hosted SA's 1893 gold rush (~77koz Au @ 37.5 g/t Au from 1900 - 1955) (1)
- Perseverance Mine produced ~3.8 g/t Au to Barton's Mill during 2018 (1)



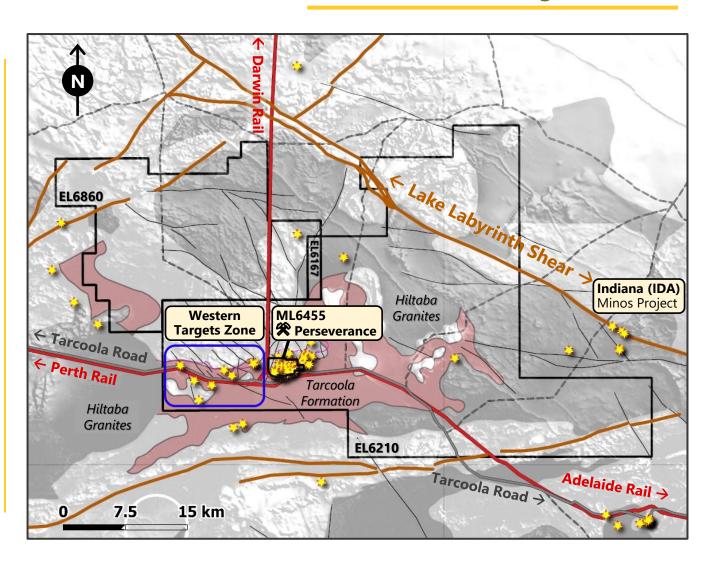
Perseverance open pit mine

- Shallow open pit on fully permitted ML
- Potential repeats adjacent to pit
- Potential Stage 1 production opportunity



EL6210: large scale target systems

- ~15km long 'western targets' corridor (1)
- ~25km untouched Lake Labyrinth Shear



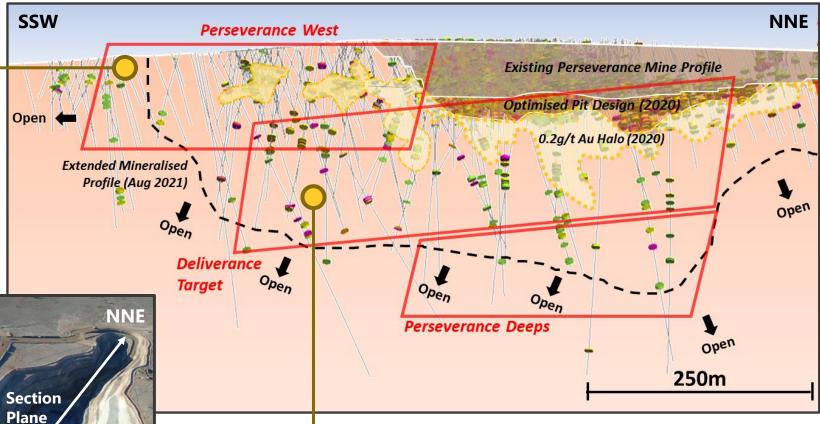


Tarcoola Perseverance Mine

Majority of intersections not yet modeled in Mineral Resources

Perseverance West (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



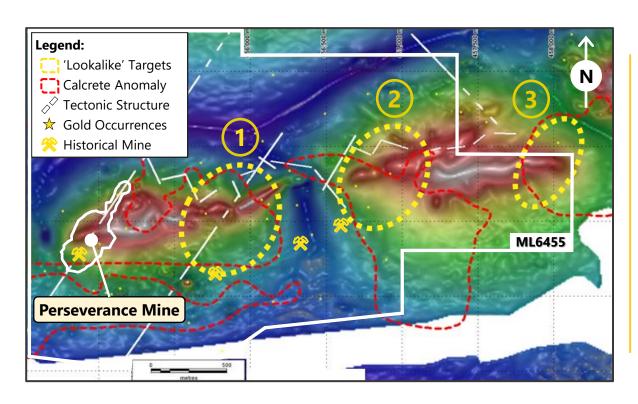
Deliverance Target (1)

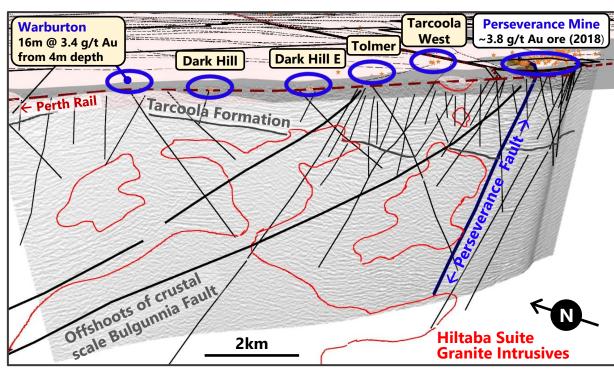
- 2m @ 56.7 g/t Au from 92m 2m @ 15.1 g/t Au from 158m
- 4m @ 11.4 g/t Au from 107m 6m @ 43.6 g/t Au from 197m
- 4m @ 14.8 g/t Au from 138m 3m @ 33.7 g/t Au from 220m



Tarcoola Highly Prospective

Mapping out an exciting system of potential 'repeats' targets





- Priority targets identified across ML6455 and EL6210 for potential repeats of Perseverance Mine mineralisation (1)
- ~15km long corridor of major crustal scale structures identified during 2020 seismic analysis (1)
- Seismic survey recently completed to help confirm most prospective targets for 2023 / 2024 discovery drilling (2)
- Attractive bookends: Warburton in the west (16m @ 3.4 g/t Au from 4m), and Perseverance Mine in the east (3)



Tunkillia Growing Rapidly

Systematically building large-scale, bulk open-pittable mineralisation



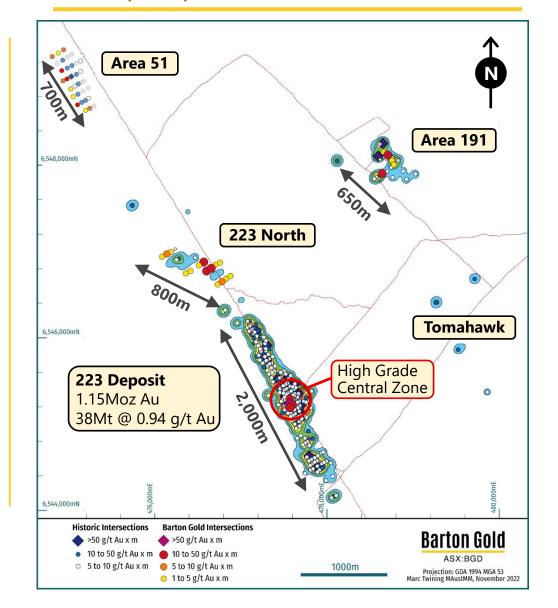
+1Moz gold platform

- Gold endowment broader than previously recognised
- Shallow historical drilling during low gold prices: 80% completed between 1996 2005 (gold <US\$400/oz) (1)
- 3 new gold zones since Nov 2021 (223N, 191 & 51) (2)
- Barton has grown the 223 Deposit twice since 2020



Significant growth potential

- 223 Deposit remains open to depth and strike extensions
- Areas 223N, 191 and 51 not included in JORC Resources
- Recent 189koz upgrade at all-in cost of ~A\$12 / oz (3)
- Multiple growth targets and ~20km of untouched shear



¹ Company analysis

² Refer to Prospectus and ASX announcements dated 3 / 8 / 15 Nov 2021, 5 Sep 2022 and 19 Apr 2023

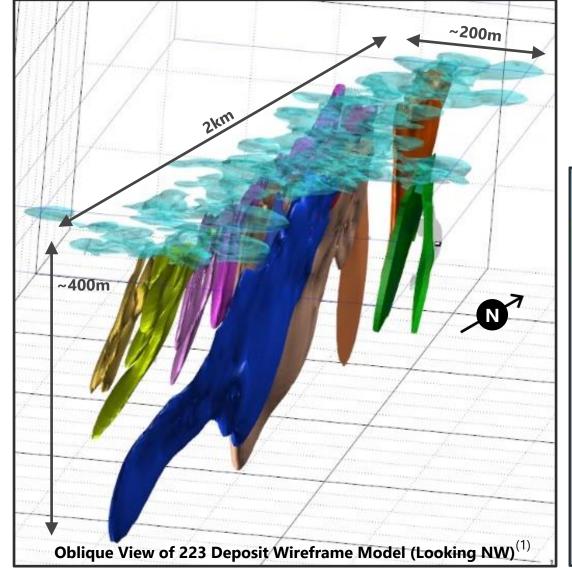
³ Refer to ASX announcement dated 26 Apr 2023

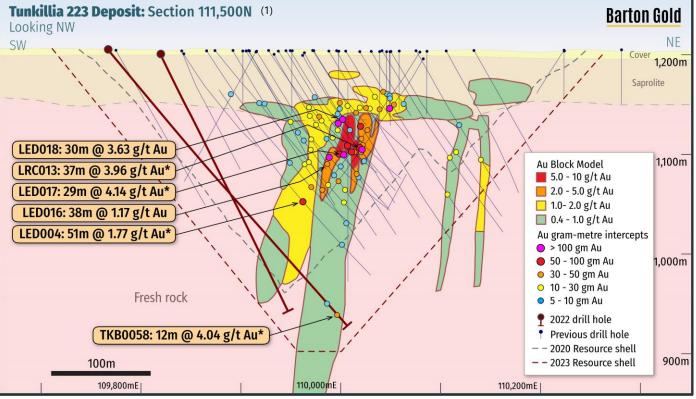


Tunkillia 223 Deposit

Conservative modeling with production mentality → goal is bulk efficiency & strong reconciliations

- > ~80% of MRE tonnes & ounces within 200m of surface (1)
- > ~300m long high-grade core with 80m+ width (1)
- ~225koz Au in shallow (~40m deep) supergene blanket (1)







Tunkillia District Scale Potential

20km+ of untested strike on a major shear system



District scale geology

- 'Triple point' of major geological formations (1)
- Kilometres-wide Kalgoorlie style shear zone (2)
- Potential for areas of significant fluid flow



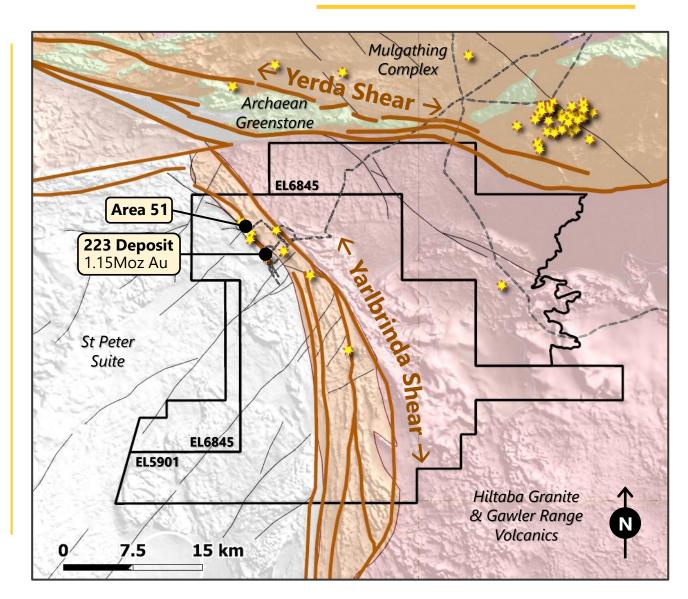
Majority untested

- Current focus area only ~10% of shear
- New gold zones all within ~3km cluster
- More than 20km untested along strike



Strong exploration pipeline

- Area 51 was just the first 'step out' target
- Actively pursuing major targets along strike





Tunkillia	H1 CY23	H2 CY23	H1 CY24
Resource drilling	I I	• ·	$ \bullet \longrightarrow $
Regional exploration drilling	I I		
Tarcoola	I I	I	
Structural interpretation			
Seismic and targeting	- 1	•——	
Resource drilling		•	$\hspace{1cm} \hspace{1cm} \hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}$
Regional exploration drilling		0-1	——
Corporate	i		
Institutional Placement & SPP	✓		
Mineral Resources update	\checkmark	\rightarrow	•
Gold sales (1)	\checkmark	@	
Studies		'	•





Summary Platform & performance → Value



Strategic platform with valuable 'Stage 1' infrastructure



Rapid growth with clear development pathway



Well capitalized and monetizing assets



Multiple catalysts and frequent news



Excellent team with strong alignment



Accessible in AUD, USD and EUR





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JORC (2012) Mineral Resources⁽¹⁾

Project	Zone	Indicated		Interred			TOTAL			
		MT	g/t Au	koz Au	MT	g/t Au	koz Au	MT	g/t Au	koz Au
Tunkilla*	Oxide Zone	0.3	1.19	11	0.3	1.00	8	0.5	1.10	19
	Transitional Zone	3.70	1.05	124	2.91	0.87	82	6.61	0.97	206
(100%)	FreshZone	18.0	0.92	535	12.8	0.96	394	30.9	0.94	929
	Sub-Total	22.0	0.95	670	16.0	0.94	484	38.0	0.94	1,154
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	1155	100	520.0	0.32	4.1	42.6	0.32	4.1	42.6
(100%)	Challenger Deeps (below 90m RL)			44	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
(-20-22%)	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	0.22		14	0.6	0.8	17	0.6	0.8	17
	Typhoon				0.3	1.9	16	0.3	1.9	16
	Mainwood	**	200	883	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		22.2	1.0	679	18.4	1.0	618	40.6	1.0	1,297

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

Total Attributable endowment of 1,297koz gold reflects Barton's aggregate pro-rata ownership of each respective Project's Mineral Resources

- * Additional Notes: 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:** 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, Greenewood and Mainwood deposits.

Accordingly, the Company's approximate attributable Mineral Resources inventory from the WGCJV is 61,400 ounces Au.

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 as cross-referenced in the body of this presentation. A copy of the Prospectus is available for download at www.bartongold.com.au or www.asx.com.au. Following publication of the Prospectus, the Company published details of updated Mineral Resource Estimates (including in respect of the Company's attributable ownership where a project is not wholly owned) on 14 October 2021 (for the Western Gawler Craton Joint Venture Project) and 26 April 2023 (for the Tunkillia Project). The Company confirms that the form and context in which the applicable Competent Persons' findings are presented have not been materially modified from the relevant market announcement.

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 Nov 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 a1nd 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 Nov 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, geophysical surveys and geological interpretation) is based upon, and fairly represents, information and supporting documentation compiled by Mr Ian Taylor BSc (Hons). Mr Taylor is an employee of Mining Associates Pty Ltd and has acted as an independent consultant on Barton Gold's Tunkillia Gold Project, South Australia. Mr Taylor is a Fellow and certified Professional of the Australian Institute of Mining and Metallurgy (110090) 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 prior to 15 Nov 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 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).

The information in this announcement that relates to new Exploration Results for the Tunkillia Gold Project after 15 Nov 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 (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).