ASX Announcement

28 January 2022

DECEMBER 2021 QUARTERLY ACTIVITIES REPORT

Barton Gold Holdings Ltd (Barton or the Company)

ASX Code: BGD ACN: 633 442 618 ABN: 36 633 442 618

Suite 5, 62 Ord Street West Perth, WA 6005

T: +61 8 9322 1587 E: contact@bartongold.com.au www.bartongold.com.au

Capital Structure (Qtr end)

175.6m Ordinary Shares* *89.7m escrowed 24 months from quotation *0.1m escrowed until 14 June 2022

Options

6.5m (\$0.375, exp 15 Mar 2025)*

- 1.5m (\$0.3125, exp 18 Jun 2024)*
- 1.5m (\$0.375, exp 18 Jun 2024)*
- 1.28m (\$0.00, exp 30 Jun 2026)^ *escrowed 24 months from quotation [^] subject to performance milestones

Working Capital

Cash: \$11.6 million Debt: Nil

Summary & Highlights

Tarcoola Gold Project, SA (100%)

- ~90m depth extension below northern end of Perseverance Mine; •
- ~200m depth extension below southern end of Perseverance Mine; •
- ~350m long, shallow strike extension of Perseverance Mine; •

Tunkillia Gold Project, SA (100%)

- ~250m long higher-grade zone confirmed at 223 Deposit, providing potential opportunities for a higher-grade starter pit;
- new ~800m long gold zone at the 223 North target; •
- new ~650m long gold zone at the Area 191 target; •

Exploration General

- Tarcoola + Tunkillia gold mineralised strike extended ~66% to ~5km;
- ~65% of guarterly cash (excl. personnel costs) used for exploration;

Corporate

- Significant expansion of South Australian team with appointments of Nick Byrne as CFO, Marc Twining as Exploration Manager and Ian Garsed as Principal Geologist, all based in Adelaide;
- Awarded South Australia Landing Pad (SALP) grant for up to \$80,000 funding to establish a new Adelaide head office;
- Agreements executed to trial innovative CSIRO and Portable PPB technology at the Tarcoola Gold Project;
- \$11.6m cash at quarter end ensures strong balance sheet for • continued exploration and project development in 2022 and beyond

OVERVIEW

Commenting on the Company's December 2021 Quarter progress, Barton MD Alex Scanlon said:

"Since listing on ASX, our exploration programs have yielded exceptional results at the Tarcoola and Tunkillia Gold Projects, strongly validating their large-scale discovery potential. With their combined mineralised strike increasing by ~66% to over 5Km during the past quarter, we have a clear pathway for large-scale project growth.

"2022 will be an even busier year for Barton as we continue to rapidly expand our project footprints. Multiple geophysical surveys at Tarcoola completed in 2020 and 2021 indicate significant potential for more large-scale regional discoveries, and we intend to now step out and test priority targets. Similarly, 2021 drilling has validated our exploration thesis at Tunkillia, where we will continue testing priority targets for new scale mineralisation.

"With \$11.6 million cash at quarter end, we are very well-funded to continue building scale and momentum. Our focus for 2022 will be to significantly grow our existing ~1.1Moz Au Mineral Resources base and strengthen the foundation to establish Barton as South Australia's leading independent gold developer and producer."

Barton Gold Holdings Limited ACN: 633 442 618 ASX: BGD

Registered Office Suite 5 62 Ord Street West Perth, WA, 6005 Australia

T +61 8 9322 1587 E contact@bartongold.com.au **Company Directors**

Christian Paech Neil R<u>ose</u>

Mark Connelly Non Executive Chairman Alexander Scanlon Managing Director & CEO Non Executive Director Non Executive Director Non Executive Director Graham Arvidson Non Executive Director

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EXPLORATION

During the quarter, the Company announced multiple significant exploration results from the 4,944m Tarcoola Phase 2 drilling and 5,362m Tunkillia Phase 1 drilling programs which were completed during the September 2021 quarter.¹ Key outcomes and assays from each area drilled include:

- Tarcoola Gold Project:
 - a **~90m depth extension** below the northern floor of the Perseverance open pit mine, where new assays from Phase 2 drilling include:²
 - 1m @ 2.51 g/t Au from 26m;
 - 1m @ 7.00 g/t Au from 37m;
- 9m @ 1.70 g/t Au from 76m; and
- 5m @ 4.74 g/t Au from 106m.
- a ~200m depth extension below the southern floor of the Perseverance open pit, and a ~350m long shallow high-grade open pit strike extension (Perseverance West), where new assays from Phase 2 drilling include:³
 - 4m @ 2.88 g/t Au from 27m;
 - 7m @ 9.72 g/t Au from 42m;
 - 2m @ 3.35 g/t Au from 95m;
- 4m @ 11.38 g/t Au from 107m;
- 5m @ 48.91 g/t Au from 115m; and
- 2m @ 7.96 g/t Au from 143m.

- Tunkillia Gold Project:
 - confirmation of a ~250m long higher-grade zone central to the Company's 965,000oz
 Au 223 Deposit (26.1Mt @ 1.15 g/t Au), where new assays from Phase 1 drilling include:⁴
 - 5m @ 4.98 g/t Au from 68m;
 - 7m @ 2.20 g/t Au from 79m;
 - 2m @ 11.6 g/t Au from 93m;
 - 13m @ 3.50 g/t Au from 100m;
- 12m @ 2.70 g/t Au from 101m;
 17m @ 4.31 g/t Au from 111m;
- 8m @ 3.77 g/t Au from 115m; and
- 15m @ 2.28 g/t Au from 139m.
- a new ~800m long gold zone at the 223 North target located ~500m northwest of the Company's 223 Deposit, where new assays from Phase 1 drilling include:⁵
 - 10m @ 3.65 g/t Au from 51m;
 - 7m @ 1.59 g/t Au from 57m;
- 2m @ 3.20 g/t Au from 63m; and
- 11m @ 1.75 g/t Au from 124m.
- a new ~650m long gold zone at the Area 191 target located ~3km northeast of the Company's 223 Deposit, where new assays from Phase 1 drilling include:⁶
 - 4m @ 1.13 g/t Au from 40m;
 - 3m @ 3.45 g/t Au from 55m;
- 4m @ 3.91 g/t Au from 115m; and
- 4m @ 1.80 g/t Au from 122m.

As a result of the Tarcoola Phase 1 and Tunkillia Phase 2 drilling programs, **total gold mineralised strike** in the Company's Southern Hub has been extended by ~66% during the quarter, to a total of ~5km.

During the quarter the Company also completed the Phase 1 orientation sampling at the Tarcoola Gold Project for the Company's trialling of innovative CSIRO geochemical and machine learning techniques.⁷

¹ Refer to Barton ASX announcements dated 6 August and 9 September 2021.

² Refer to Barton ASX announcement dated 20 October 2021.

³ Refer to Barton ASX announcement dated 27 October 2021.

⁴ Refer to Barton ASX announcement dated 15 November 2021.

⁵ Refer to Barton ASX announcement dated 3 November 2021.

⁶ Refer to Barton ASX announcement dated 8 November 2021.

⁷ Refer to Barton ASX announcement dated 16 December 2021.

Tarcoola Gold Project (South Australia) – BGD 100%

Following the completion of Phase 1 drilling (August 2020), Barton prepared an updated JORC (2012) Mineral Resource Estimate for the Tarcoola Project (Perseverance Mine).⁸ Combined with limited historical drilling, Phase 1 resulted in a small mineralised halo (0.2 g/t Au cutoff) around the base of the open pit, along with a ~200m preliminary extension of mineralisation to the SSW of the open pit represented by the new Perseverance West gold zone.⁸

Phase 2 drilling has now significantly extended the mineralised envelope of the Perseverance Mine, confirming a significant extension of the mineralised profile to ~90m depth (below pit floor) in the north end, ~200m depth (below pit floor) in the southern end), and ~350m to the W/SW in the Perseverance West gold zone. Drillholes and mineralised outlines shown below are from 2020 and do not include 2021 Phase 2 drilling or additional resource modelling.

Mineralisation at the Perseverance Mine remains open to extension in all directions. The substantial majority of historical and recent drilling intercepts around the Perseverance Mine are not yet included in the Company's existing JORC (2012) Mineral Resource Estimate for the Tarcoola Gold Project.

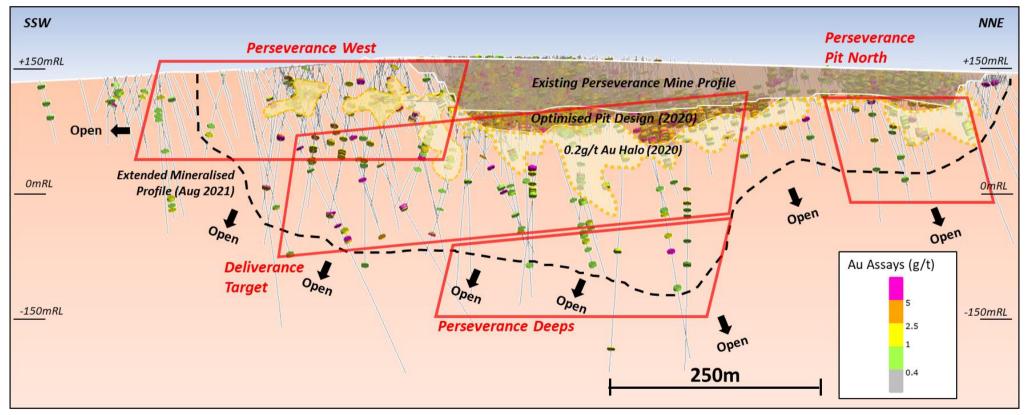
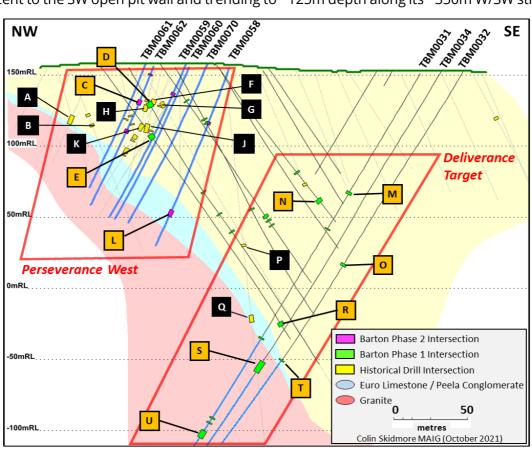


Figure 1 – Perseverance Mine Long Section with August 2020 0.2 g/t Au Cut-off Mineralisation Halo & New 2021 Profile Extensions⁸

⁸ Refer to Barton Prospectus dated 14 May 2021.

Two Complementary Gold Zones for Southwest Perseverance Mine Extension(s)

The Perseverance West gold zone is offset and parallel to the Deliverance Target, extending to ~100m depth adjacent to the SW open pit wall and trending to ~125m depth along its ~350m W/SW strike length.⁹



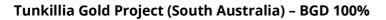
¹ Note – Only intersections 1.0 g/t Au or greater shown. Intersection lengths are not true widths.

| | Hole_ID | From (m) | To (m) | Length (m) ¹ | Au (g/t) | Including |
|---|---------|----------|--------|-------------------------|----------|------------------------------|
| Α | ECL008 | 39 | 46 | 7 | 1.02 | |
| В | GP006R | 44 | 46 | 2 | 2.37 | |
| С | TBM0062 | 27 | 31 | 4 | 2.88 | 2m @ 4.83 g/t Au [29-31m] |
| D | TBM0022 | 28 | 32 | 4 | 6.85 | 2m @ 12.7 g/t Au [29-31m] |
| Ε | TBM0021 | 61 | 65 | 4 | 2.78 | |
| F | PWR017 | 23 | 25 | 2 | 6.72 | |
| G | GP031RD | 28 | 32 | 4 | 4.03 | |
| Н | PWR017 | 28 | 33 | 5 | 5.61 | |
| J | PWR023 | 23 | 27 | 4 | 1.97 | |
| Κ | PWR001 | 48 | 53 | 5 | 6.06 | |
| L | TBM0058 | 115 | 120 | 5 | 48.91 | 4m @ 61.99 g/t Au [115-119m] |
| Μ | TBM0031 | 96 | 98 | 2 | 4.83 | |
| Ν | TBM0019 | 118 | 121 | 3 | 2.48 | |
| 0 | TBM0032 | 158 | 160 | 2 | 15.07 | 1m @ 29.6 g/t Au [158-159m] |
| Ρ | GP002D | 140 | 142 | 2 | 4.39 | |
| Q | GP002D | 197 | 203 | 6 | 43.64 | 2m @ 98.1 g/t Au [200-202m] |
| R | TBM0021 | 220 | 223 | 3 | 33.7 | 2m @ 49.6g/t Au [220-222m] |
| S | TBM0034 | 239 | 248 | 9 | 2.33 | 2m @ 7.12 g/t Au [240-242m] |
| Т | TBM0032 | 239 | 240 | 1 | 4.8 | |
| U | TBM0031 | 293 | 299 | 6 | 5.45 | 1m @ 16.82 g/t Au [297-298m] |

¹ Note – Not true widths.

Table 1 - Key High-Grade Intersections Shown on Figure 2⁹

⁹ Refer to Barton ASX announcement dated 27 October 2021.



During the quarter, assays received from Barton's Tunkillia Phase 1 drilling program confirmed several significant exploration outcomes for the Tunkillia project, including:

- a ~250m long higher-grade zone central to the Company's 965koz Au 223 Deposit;¹⁰
- a new ~800m long gold zone (223 North) located ~500m northwest of the 223 Deposit;¹¹ and
- a new ~650m long gold zone (Area 191) located ~3km northeast of the 223 Deposit.¹²

The 223 Deposit hosts a JORC (2012) Mineral Resource of 965koz Au (26.1Mt @ 1.15 g/t Au) on ~2.5km of strike (~68% classified as Indicated Resources).¹³

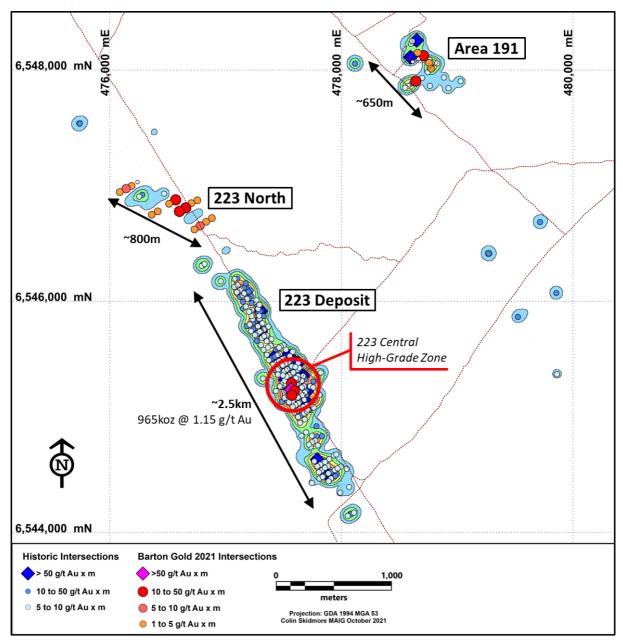


Figure 2 – 223 Deposit with Central High Grade Zone & New 223 North / Area 191 Gold Zones¹⁰

The Tunkillia Phase 1 drilling results have validated predictions for all three targets drilled, adding ~1.5km of new mineralisation and highlighting potential for a higher-grade starter pit in the central 223 Deposit.

¹⁰ Refer to Barton ASX announcement dated 15 November 2021.

¹¹ Refer to Barton ASX announcement dated 3 November 2021.

¹² Refer to Barton ASX announcement dated 8 November 2021.

¹³ Refer to Barton Prospectus dated 14 May 2021.

CORPORATE

Additions to South Australian Senior Management Team

During November 2021 Barton welcomed Marc Twining as the Company's new Exploration Manager.¹⁴ Subsequent to quarter end, the Company also appointed Nick Byrne as CFO and Ian Garsed as Principal Geologist.¹⁵ All will be based in Adelaide, South Australia and within close proximity to Barton's 100%owned portfolio of exploration and development assets in the Gawler Craton mineral province.

Nick Byrne

Nick is a Certified Practising Accountant (**CPA**) and a highly capable senior finance professional with almost 30 years' experience working in the Australian resources and engineering sectors.

He has worked in South Australia for ~20 year's with companies such as BHP, Kellogg Brown & Root (KBR), Monadelphous, and more recently as CFO of Heathgate Resources, a subsidiary of global energy and defence firm General Atomics, which owns and operates South Australia's Beverley uranium mine .

Nick will play a key role in building corporate and financial systems and

processes, and developing corporate and financial strategies, to support the Barton's objective to become South Australia's leading independent gold developer and producer.

Marc Twining

Marc is a highly experienced geologist with over 25 years' industry experience ranging from early-stage exploration to resource delineation and project development, with an emphasis on gold and base metals. His experience includes more than a decade with Normandy Mining (acquired by Newmont Mining in 2002) in Western Australia, the Northern Territory, Queensland and South Australia. Marc's industry experience is also complemented by significant regulatory and policy experience as Senior Principal Geoscientist for the Geological Survey of South Australia from 2017 – 2020.

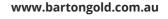
He has extensive experience in South Australia and with the Gawler Craton and will lead the Company's large-scale exploration strategy as Barton continues growing its projects. Marc will also lead a new exploration and project management team based in Adelaide, South Australia.

lan Garsed

lan is a highly experienced geologist with over 25 years' industry experience ranging from early-stage exploration through to resource delineation and project evaluations, with a particular emphasis on gold and base metals.

He has extensive experience in South Australia exploring for gold and IOCG mineralisation including as General Manager of Exploration for Minotaur Exploration Ltd (ASX:MEP) where he gained considerable working knowledge of Barton's Tunkillia Project.

Ian will support the Company's new Adelaide-based exploration and project management team, with a primary focus on large-scale exploration at the Company's Tarcoola and Tunkillia Gold Projects.









¹⁴ Refer to Barton ASX announcement dated 13 September 2021.

¹⁵ Refer to Barton ASX announcement dated 17 January 2022.

South Australia Landing Pad Grant (SALP)

During the quarter the Company was awarded a SALP grant for the establishment of a new South Australia-based head office, providing 12 months' funding support totalling up to \$80,000, including: ¹⁶

- up to \$40,000 (GST excl) support for eligible office lease expenses; and
- up to \$40,000 (GST excl) support for eligible business development and creative agency services.

The receipt of the SALP grant brings the total amount of South Australian Government grants received by the Company during 2021 to \$380,000, following a \$300,000 award under Round 2 of the Accelerated Discovery Initiative (**ADI**) program.¹⁷

Agreements to Trial CSIRO Exploration Technology

During early October Barton signed formal 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 in coordination with Portable PPB and Mining Plus.¹⁸

The Phase 1 orientation sampling for these trials was completed at Tarcoola during December 2021.¹⁹

Conference Presentations

During the December quarter the Company presented at the South Australian Exploration & Mining Conference (26 November 2021) and the Perth RIU Resurgence Conference (2 December 2021).²⁰

Copies of the Company's presentations are available for download on the ASX platform and on the 'Investor' section of Company's website (<u>https://bartongold.com.au/investor/asx-announcements/</u>).

Annual General Meeting

The Company held its Annual General Meeting on Friday, 5 November 2021 at 10:00am (WST) at Quest West Perth (54 Kings Park Road, West Perth WA).²¹ All proposed resolutions were carried on a poll.²²

Issue of Director Options

Pursuant to the results of the resolutions passed at the Company's Annual General Meeting, 1,280,000 Director Options were issued to the nominee of Director Alexander Scanlon.²³

The Director Options are exercisable at \$0.00 each and expire on 30 June 2026.²⁴ The Director Options have been issued in four tranches, each subject to the achievement of certain performance milestones as set out in Schedule 4 of the Company's Notice of Annual General Meeting published 6 October 2021.²³

Change of Registry Address

During the quarter the Company's Share Registry, Automic Pty Ltd, notified the market of an updated registry address of Level 5, 191 St Georges Terrace, Perth WA 6000. The Company notes that future shareholder correspondence for registry matters sent by post should be directed to this new address.

¹⁶ Refer to Barton ASX announcement dated 7 December 2021.

¹⁷ Refer to Barton ASX announcement dated 4 August 2021.

¹⁸ Refer to Barton ASX announcement dated 6 October 2021.

¹⁹ Refer to Barton ASX announcement dated 16 December 2021.

²⁰ Refer to Barton ASX announcements dated 26 November and 2 December 2021.

²¹ Refer to Barton ASX announcement dated 6 October 2021.

²² Refer to Barton ASX announcement dated 5 November 2021.

²³ Refer to Barton ASX announcements dated 6 October, 5 November and 12 November 2021.

²⁴ Refer to Barton ASX announcement dated 6 October 2021.

Comment Regarding Marmota Limited (ASX:MEU) & Western Gawler Craton JV (WGCJV)

The Company is a party to the Western Gawler Craton Joint Venture (**WGCJV**), an unincorporated joint venture with Half Moon Pty Ltd (**Half Moon**) and Trafford Resources Pty Ltd (**Trafford**) in relation to tenements EL 6625 (formerly 5767), EL 6012, EL 6173, EL 6532, EL 5998, EL 6569 and the southern portion of EL 6502.²⁵ As noted in the Company's Prospectus dated 14 May 2021, the WGCJV is the subject of an ongoing dispute as to the current status of a binding term sheet executed by the parties thereto (**Dispute Settlement Term Sheet**).²⁶ The Company considers the dispute to be non-material to Barton's interests and regional exploration and development strategy, even if it is not resolved in Barton's favour.

On 30 November 2020, ASX-listed Marmota Limited (ASX:MEU) (**Marmota**) announced the execution of an agreement for Marmota to acquire Half Moon, and Trafford's tenements from Trafford (the **Acquisition**). On 15 November 2021 Marmota announced the completion of the Acquisition.²⁶ Accordingly, Marmota is now the owner of Half Moon and is effectively Barton's partner in the WGCJV, with updated participating interests as set out in Barton's September 2021 Quarterly Activities Report.²⁷

Barton notes that Marmota's announcement illustrated the northern portion of EL 6502 as being included in the WGCJV, suggesting that Marmota owns 79% of the gold rights thereupon.²⁸ This is inconsistent with the terms of the Dispute Settlement Term Sheet and accordingly Barton rejects this claim.

If the Company's position is correct and the Dispute Settlement Term Sheet remains binding and effective, then the WGCJV tenements are as stated above. If the Company's position is incorrect then the dispute settled thereby would be unresolved, and this would call into question whether certain tenements (being the northern portion of EL 6502 and all of ML 6457) should also form part of the WGCJV.²⁶

Despite the immaterial nature of the dispute, the Company has taken detailed advice and is confident in its position. The Company reserves all rights at law and in equity in relation to the terms of the WGCJV and the Dispute Resolution Term Sheet, and will continue to engage with Marmota to fully implement the terms of the Dispute Resolution Term Sheet.

Financial

As at 31 December 2021, the Company had \$11.6 million in cash. Full details regarding the Company's cash movements during the quarter can be found in the Company's Appendix 5B.

The Company's expenditure during the quarter was focussed on the abovementioned exploration activities (\$830k, excluding personnel costs). During the quarter, a total of \$163k was paid to related parties, including Directors and their associates.

Authorised by the Board of Barton Gold Holdings Limited.

For further information, please contact:

| Alexander Scanlon | | | | |
|-----------------------------|--|--|--|--|
| Managing Director | | | | |
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Sam Burns Investor Relations sam.burns@sdir.com.au +61 400 164 067 Shannon Coates Company Secretary cosec@bartongold.com.au +61 8 9322 1587

²⁵ Refer to Barton Prospectus dated 14 May 2021.

²⁶ Refer to Marmota ASX announcement dated 15 November 2021, available for download on the ASX platform.

²⁷ Refer to Barton ASX announcement dated 14 October 2021.

APPENDIX 1 – ADDITIONAL ASX LISTING RULE DISCLOSURES

Pursuant to ASX Listing Rule 5.3.4, the Company provides its actual expenditure on the individual items in the two year "use of funds" statement in its IPO Prospectus since the date of its admission to ASX's Official List (being 25 June 2021) against the estimated expenditure on those items and an explanation of any material differences.

| Use of Funds | Prospectus estimate (2 years)* | Actual use of funds from 25 June 2021 to | Variance |
|---|--------------------------------------|--|----------|
| | \$′000 | quarter end \$'000 | \$'000 |
| Exploration | 11,871 | 2,496 | 9,375 |
| Operating Expenses | 2,190 | 699 | 1,491 |
| Costs of the offer – Fundraising | 900 | 900 | 0 |
| Costs of the offer – Other (including listing | 145 | 145 | 0 |
| fees) | | | |
| Spare working capital | 1,594 | 1,594 | 0 |
| Total Uses of Funds | 16,700 | 5,834 | 10,866 |

* Refer to Barton Prospectus dated 14 May 2021.

Material variances relate to the Company only being admitted to the Official List on 25 June 2021.



APPENDIX 2 – TENEMENT SCHEDULE

| Tenement | Location | Nature of | Interest at the | Interest at the | | |
|-----------------------|-----------------|-----------|------------------|-----------------|--|--|
| | | Interest | beginning of the | end of the | | |
| | | | quarter | quarter | | |
| Tunkillia 2 Pty | Ltd | | | | | |
| EL6639 | South Australia | Granted | 100% | 100% | | |
| EL5901 | South Australia | Granted | 100% | 100% | | |
| Tarcoola 2 Pty | Ltd | | | | | |
| EL6167 | South Australia | Granted | 100% | 100% | | |
| EL5210 | South Australia | Granted | 100% | 100% | | |
| ML6455 | South Australia | Granted | 100% | 100% | | |
| Challenger 2 Pty Ltd | | | | | | |
| EL6625 ¹ | South Australia | Granted | 100% | 100% | | |
| EL6012 ¹ | South Australia | Granted | 100% | 100% | | |
| EL6173 ¹ | South Australia | Granted | 100% | 100% | | |
| EL6502 ¹ | South Australia | Granted | 100% | 100% | | |
| EL6532 ¹ | South Australia | Granted | 100% | 100% | | |
| ML6103 | South Australia | Granted | 100% | 100% | | |
| ML6457 | South Australia | Granted | 100% | 100% | | |
| MPL63 | South Australia | Granted | 100% | 100% | | |
| MPL65 | South Australia | Granted | 100% | 100% | | |
| MPL66 | South Australia | Granted | 100% | 100% | | |
| EL5998 ^{1,2} | South Australia | Granted | 90% | 90% | | |
| EL6569 ^{1,2} | South Australia | Granted | 90% | 90% | | |

Notes:

1) Tenements EL 6625, EL 6012, EL 6173, EL 6532, EL 5998, EL 6569 and the southern portion of EL 6502 comprise the tenements of the Western Gawler Craton Joint Venture (**WGCJV**) in which the Company presently holds a 21.16% gold rights interest (the **WGCJV Tenements**).²⁸

2) Tenements EL 5998 and EL 6569 comprise the tenements of the All Minerals Joint Venture (**All Minerals JV**) in which the Company presently holds a 90% gold rights interest (the **All Minerals JV Tenements**).²⁹

3) Accordingly, where the Company has a present 21.16% gold rights interest in the WGCJV Tenements, the Company therefore has a present net 19.04% gold rights interest in the All Minerals JV Tenements (being equivalent to a present 21.16% WGCJV interest multiplied by a present 90% All Minerals JV interest).²³

4) With the exception of the All Minerals JV Tenements where the Company (via wholly-owned subsidiary Challenger 2 Pty Ltd) holds a 90% titled interest, the Company (via its subsidiaries) presently holds a 100% titled interest in all Tenements.²⁴ In respect of the All Minerals JV, Coombedown Resources Pty Ltd (**Coombedown**) retains a 10% titled interest in the tenements and a 10% free carried interest in the mineral rights thereupon until a decision to mine.²⁴

 ²⁸ Refer to Barton Prospectus dated 14 May 2021 and Barton ASX announcement dated 14 October 2021.
 ²⁹ Refer to Barton Prospectus dated 14 May 2021.

About Barton Gold

Barton Gold is an ASX listed Australian gold exploration company with **a total attributable ~1.1Moz Au JORC (2012) Mineral Resources endowment** (28.68Mt @ 1.2 g/t Au), a pipeline of advanced exploration projects and brownfield mines, and **100% ownership of the only regional gold mill** in the central Gawler Craton of South Australia.*

Tarcoola Gold Project

- Existing brownfield open pit mine within trucking distance of Barton's processing plant
- Significant mineral extensions
- Under-explored asset with untapped scale potential

Tunkillia Gold Project

- 965koz Au Mineral Resources (26.1Mt @ 1.15 g/t Au)*
- Host structure extends 7km north and 7km south
- District-scale structures with advanced satellite targets

Infrastructure

- 650ktpa CIP process plant, 240 person village, workshop, labs and airstrip
- Tarcoola ~40 person lodging to support mine operations
- Tunkillia camp to support dedicated project team

Competent Persons Statement & Previously Reported Information

The information in this announcement that relates to the historic Exploration Results and Mineral Resources as listed in the table below is based on, and fairly represents, information and supporting documentation prepared by the Competent Person whose name appears in the same row, who is an independent consultant to the Company and is a Member or Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM), Australian Institute of Geoscientists (AIG) or a Recognised Professional Organisation (RPO). Each person named in the table below has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which he has undertaken to quality as a Competent Person as defined in the JORC Code 2012.

| Activity | Competent Person | Membership | Status |
|---|-------------------------|--------------|-----------------|
| Tarcoola Mineral Resource | Dr Andrew Fowler | AusIMM | Member |
| Tarcoola Exploration Results | Mr Colin Skidmore | AIG | Member |
| Tunkillia Exploration Results | Mr Colin Skidmore | AIG | Member |
| Tunkillia Mineral Resource | Dr Andrew Fowler | AusIMM | Member |
| Challenger Mineral Resource | Mr Dale Sims | AusIMM / AIG | Fellow / Member |
| Western Gawler Craton JV Mineral Resource | Mr Richard Maddocks | AusIMM | Fellow |

The information relating to historic Exploration Results and Mineral Resources in this announcement is extracted from the Company's Prospectus dated 14 May 2021 or as otherwise noted in this announcement, available from the Company's website at <u>www.bartongold.com.au</u> or on the ASX website <u>www.asx.com.au</u>. 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 previous announcements 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 previous announcements.

Cautionary Statement Regarding Forward-Looking Information

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 than an event or result "may", "will", "should", "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 reader on this document, or on any forward-looking statement contained in or referred to in this document will be solely at the readers own risk, and readers are cautioned not to place undue reliance on forward-looking statements due to the inherent uncertainty thereof.

Adelaide

^{*} Refer to Barton Prospectus dated 14 May 2021 and ASX announcement 14 October 2021.