

Completion of Tarcoola Phase 3 & Tunkillia Phase 2 Drilling

HIGHLIGHTS

- Tarcoola Phase 3 drilling of 3,267m at Perseverance West, School and Ealbara
- Tunkillia Phase 2 drilling of 3,160m at Area 51 prospect and 223 North extension
- Assay results expected to start arriving in 6 – 8 weeks' time

Barton Gold Holdings Limited (ASX: **BGD**) (**Barton** or the **Company**) is pleased to announce that Tarcoola Phase 3 and Tunkillia Phase 2 drilling programs have been completed for a total of 6,427m reverse circulation (**RC**) drilling. All Tarcoola samples have been sent to the Company's lab services provider, and Tunkillia samples will be provided shortly. Assay results are expected to start arriving in 6 – 8 weeks' time.

Tarcoola Phase 3 Drilling

Prior Phase 1 and 2 drilling programs during 2020 and 2021 identified ~200m depth extensions of mineralisation and a new ~350m long Perseverance West gold zone adjacent to the Perseverance open pit mine.¹ Phase 3 drilling has completed 19 holes totalling 3,267m to extend and infill Perseverance West to confirm new easily accessible Mineral Resources, and test the School and Ealbara regional prospects as co-funded by Round 2 of the South Australian Accelerated Discovery Initiative (**ADI**) Program.²



Figure 1 – Evening Drilling at the Tarcoola Gold Project

¹ Refer to Barton Prospectus dated 14 May 2021 and ASX announcements dated 20 / 27 October 2021.

² Refer to Barton ASX announcements dated 4 August 2021 and 28 April 2022.

Tunkillia Phase 2 Drilling

Prior Tunkillia Phase 1 drilling completed during September 2021 identified two new gold zones (223 North and Area 191) totalling ~1.5km of new mineralisation and also confirmed a higher-grade zone of mineralisation within the cornerstone 223 Deposit (26.1Mt @ 1.15 g/t Au for 965koz Au).³

Phase 2 drilling has completed 20 holes totalling 3,160m to test a high priority discovery target at Area 51 (~3km NW of the 223 Deposit) as well as potential extension targets at the new 223 North gold zone.



Figure 2 – Sunrise Drilling at the Tunkillia Gold Project

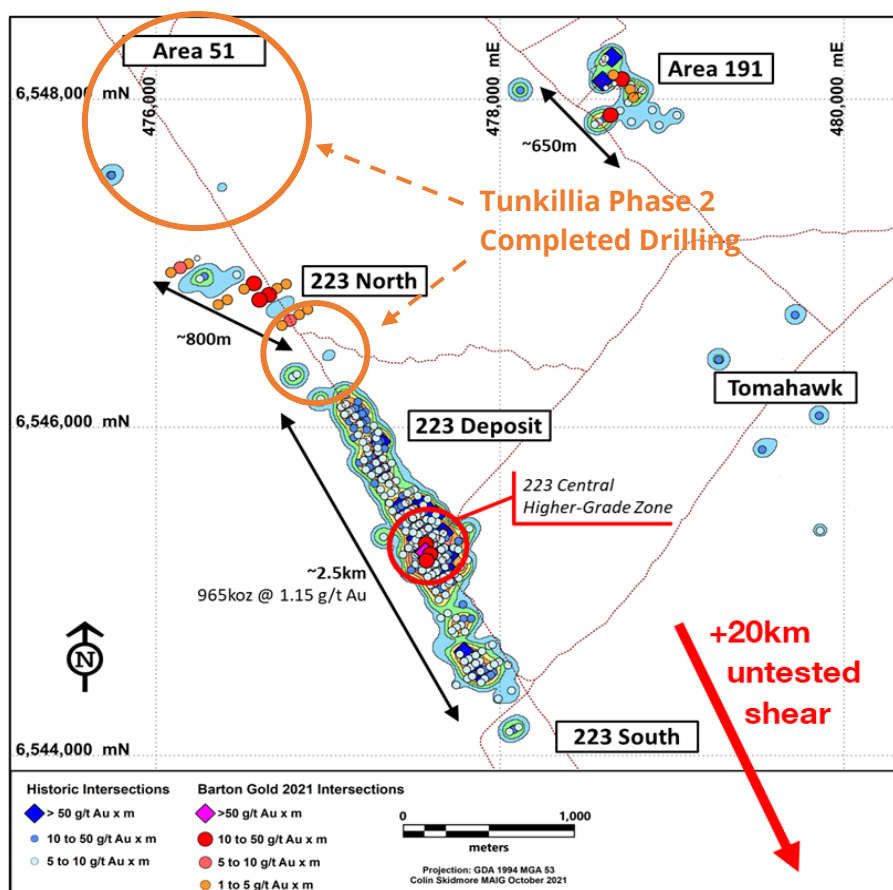


Figure 3 – Tunkillia Project with 223 North & Area 51 Drilling Areas

³ Refer to Barton Prospectus dated 14 May 2021 and ASX announcements dated 9 September and 3 / 8 / 15 November 2021.

Commenting on the completion of recent drilling programs, Barton MD Alexander Scanlon said:

"We are pleased to complete another two drilling programs safely and efficiently, both of which we expect will yield some interesting and informative results based upon extensive recent analysis and prior work.

"We have also been able to optimise the drilling programs 'on the fly' while in field, saving considerable drilling time and funds for allocation to follow up discovery, extensional and Mineral Resource conversion drilling programs planned for later this year.

"We are just scratching the surface at these projects, and the combination of Tarcoola's high-grade open pit extensions with Tunkillia's rapidly expanding footprint offers interesting near and long-term conceptual development options. Our focus for 2022 remains on continued scale discovery and Resources growth."

Authorised by the Managing Director of Barton Gold Holdings Limited.

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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 qualify 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 (until 15 Nov 2021)	Mr Colin Skidmore	AIG	Member
Tarcoola Exploration Results (after 15 Nov 2021)	Mr Marc Twining	AusIMM	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 www.bartongold.com.au or on the ASX website 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 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", "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 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.

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