

Completion of 12,000m RC Drilling at Tunkillia Gold Project

HIGHLIGHTS

- Total ~11,840m reverse circulation (RC) drilling program completed at Tunkillia
- 10 holes drilled at regional Area 51 target to follow up prior high-grade results

Barton Gold Holdings Limited (ASX: **BGD**) (**Barton** or the **Company**) is pleased to confirm that its major RC drilling program at the Tunkillia Project has been completed for a total 11,840m drilling on 45 holes.

The final component of this program included 10 holes for a total 2,118m RC drilling at the key regional Area 51 target, where May 2022 drilling confirmed a new ~500m long gold zone with broad intersections such as **17m @ 3.20 g/t Au** from 77m and a further **45m @ 0.92 g/t Au** from 97m in hole TKB0043.¹ Barton also completed 3 preliminary test holes totalling 510m RC drilling at the extensional '223 South' target.

Barton recently published assay results from a total 9,212m RC drilling at the 223 Deposit, identifying multiple 20m+ thick (down hole) depth extensions of known mineralisation and also new 20m+ thick (down hole) gold zones in previously untested areas below.²

Barton also recently finished 2,201m diamond drilling at the 223 Deposit and Area 51.³ Assays for diamond drilling, and the Area 51 RC drilling, are expected to be received during February, March, April and May 2023. An updated Mineral Resource Estimate (**MRE**) for the 223 Deposit is anticipated for April 2023.

Commenting on the program completion, Barton MD Alex Scanlon said:

"Our team has done an excellent job on this program and momentum is building with thick new gold zones confirmed at the 223 Deposit."

"We are looking forward to publishing an updated MRE and getting back into the field with large-scale follow up programs targeting further growth during 2023 at the Tarcoola and Tunkillia Gold Projects."

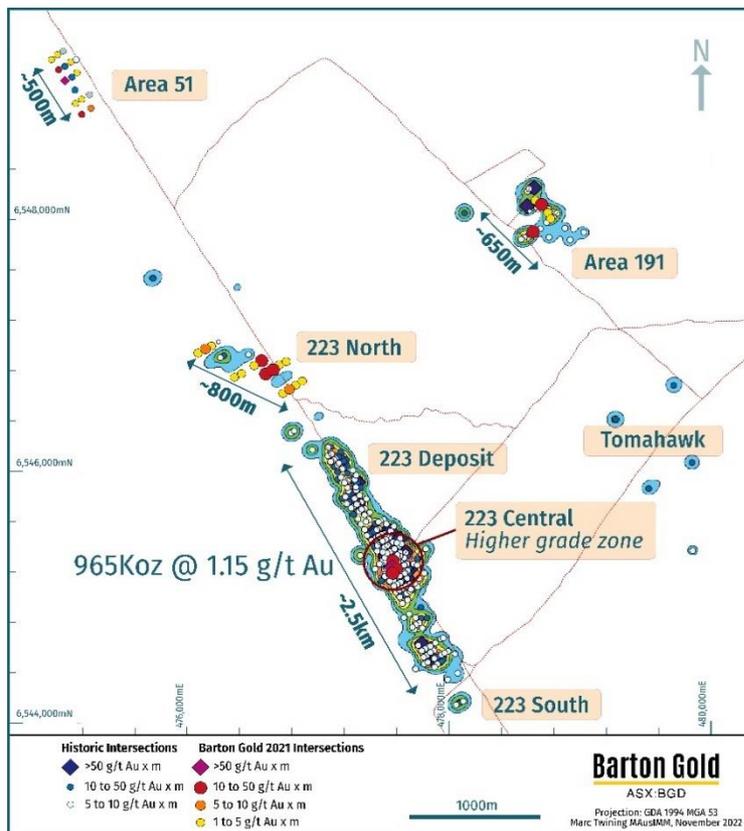


Figure 1 – Tunkillia 223 Deposit & Satellite Gold Zones

¹ Refer to ASX announcement dated 5 September 2022

² Refer to ASX announcements dated 15 December 2022 and 25 January 2023

³ Refer to ASX announcement dated 23 January 2023



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, mine 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 employee of or 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 (Consultant)	AusIMM	Member
Tarcoola Exploration Results (until 15 Nov 2021)	Mr Colin Skidmore (Consultant)	AIG	Member
Tarcoola Exploration Results (after 15 Nov 2021)	Mr Marc Twining (Employee)	AusIMM	Member
Tunkillia Exploration Results (until 15 Nov 2021)	Mr Colin Skidmore (Consultant)	AIG	Member
Tunkillia Exploration Results (after 15 Nov 2021)	Mr Marc Twining (Employee)	AusIMM	Member
Tunkillia Mineral Resource	Dr Andrew Fowler (Consultant)	AusIMM	Member
Challenger Mineral Resource	Mr Dale Sims (Consultant)	AusIMM / AIG	Fellow / Member
Western Gawler Craton JV Mineral Resource	Mr Richard Maddocks (Consultant)	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 that an event or result "may", "will", "should", "would", "could", or "might" occur or be achieved and other similar expressions. Forward-looking information is subject to business, legal and economic risks and uncertainties and other factors that could cause actual results to differ materially from those contained in forward-looking statements. Such factors include, among other things, risks relating to property interests, the global economic climate, commodity prices, sovereign and legal risks, and environmental risks. Forward-looking statements are based upon estimates and opinions at the date the statements are made. Barton undertakes no obligation to update these forward-looking statements for events or circumstances that occur subsequent to such dates or to update or keep current any of the information contained herein. Any estimates or projections as to events that may occur in the future (including projections of revenue, expense, net income and performance) are based upon the best judgment of Barton from information available as of the date of this document. There is no guarantee that any of these estimates or projections will be achieved. Actual results will vary from the projections and such variations may be material. Nothing contained herein is, or shall be relied upon as, a promise or representation as to the past or future. Any reliance placed by the 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.