

Gravity Surveys Completed at Tarcoola Gold Project

HIGHLIGHTS

- High-resolution surveys successfully completed at Western, Eastern & Ealbara target areas
- Total of 3,116 survey stations covering ~80.5km²
- First Tarcoola Phase 2 drilling assay results expected in the coming weeks

Barton Gold Holdings Limited (ASX: **BGD**) (**Barton** or the **Company**) is pleased to announce that regional gravity surveys have been completed at the Tarcoola Gold Project.¹ These surveys form part of the works co-funded by the Company's recent \$300,000 ADI grant awarded by the Government of South Australia.²



Gravity survey stations in Eastern Targets area (left) and Perseverance Mine (right)

The data collected will be combined with high-resolution magnetic survey data collected during 2020, ground penetrating radar (GPR) data collected during July 2021, and historical exploration data to further define the new Tarcoola 3D regional structural architecture identified by the Company during 2020.³

Commenting on the completion of Tarcoola gravity surveys, Barton MD Alexander Scanlon said:

"These gravity surveys are an important part of our systematic and innovation-driven approach to unlocking the potential of the Tarcoola Gold Project. With the benefit of this data, we expect to significantly improve our understanding of regional structure and stratigraphy, and to further refine our target selection for more precise follow-up drilling in high priority regional areas."

"We are particularly excited to validate and drill test key regional anomalies identified in last year's work. We look forward to receiving GPR and assay results from our recent Tarcoola Phase 2 drilling program during the coming few weeks, so that we can start planning a follow up program for year end."

¹ Refer to Barton Gold Holdings Limited ASX announcements dated 28 June 2021 and 14 September 2021.

² Refer to Barton Gold Holdings Limited ASX announcements dated 28 July 2021 and 4 August 2021.

³ Refer to Barton Gold Holdings Limited Prospectus dated 14 May 2021 and ASX announcement dated 6 August 2021.



Authorised by the Board 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** (28.74Mt @ 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 Exploration Results and Mineral Resources 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	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 Exploration Results and Mineral Resources in this announcement is extracted from the Company's Prospectus dated 14 May 2021, 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 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.

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 Gold Holdings Limited Prospectus dated 14 May 2021.