

**25 MAY 2022****BRIGHTSTAR EXPLORATION UPDATE****HIGHLIGHTS**

- **RC drilling at Cork Tree Well underway, with 8 holes completed to date at the Delta 2 prospect.**
- **Delta 2 program designed to test the bedrock beneath an aircore anomaly with a strike length of >500m at over 1g/t Au in shallow historic drilling**
- **~10,000m RC program to be completed at Delta 2 and Cork Tree Well**
- **Dr Nigel Brand appointed as geochemical and targeting consultant for Comet Well project.**
- **Updated JORC Resource estimate for the CTW mineral system and assays for the 2,000m aircore drill program completed at Brightstar South are eagerly awaited and will be released to the market when received.**

Brightstar Resources Limited (ASX: BTR) (**Brightstar** or the **Company**) is pleased to announce the RC drilling program at the highly prospective Cork Tree Well project is underway and proceeding well. The current program includes RC drilling to extend the current JORC Resource of **3.9Mt @ 1.9g/t Au for 237koz** as well as discover new bedrock anomalies in the highly prospective Laverton Gold belt of Western Australia.

Blue Spec Drilling have hit the ground running and are currently averaging greater than 200m per day in the deeply weathered material around Delta 2. As of 24th May, eight (8) holes of a total of 12 holes for Delta 2 (1,158m of 1,790m) had been completed.

The cover sequence in this area appears to be relatively shallow (<10m) however the *in-situ* regolith is well developed to approximately 60m. Bedrock lithologies intersected include fine grained sediments, high and low magnesian basalts. Quartz veining and biotite alteration has been noted in some sections.

The Delta 2 program of 1,790m is designed to follow up a historic aircore anomaly that intersected +1g/t Au mineralisation over a >500m strike length in shallow drilling. The bedrock underneath this mineralisation has never been drill tested.

**COMPANY DIRECTORS AND MANAGEMENT**William Hobba  
**Managing Director**Yongji Duan  
**Chairman**Josh Hunt  
**Non-Executive Director**Luke Wang  
**Financial Controller  
Company Secretary**

Once completed, the rig will move to Cork Tree Well to complete a 50 hole (~7,350m) program to investigate the opportunities for splay and parallel lodes identified in the previous program north of the historic pits, and extend the drilling along strike of the main deposit to the north.



Figure 1: RC Drilling at Delta 2 prospect.

Commenting on the new program, Managing Director, Mr Hobba, said: *“We look forward to growing the current resource at Cork Tree Well main lode with this program as well as the discovery of new opportunities in the project area. Ideally this will allow Brightstar to develop multiple mining scenarios to feed the Brightstar Mill, which is currently on care and maintenance.”*

We look forward to sharing the results from this program as they are processed and analysed.

## Comet Well

Brightstar Resources is also happy to announce the appointment of Dr Nigel Brand as geochemical and targeting consultant for the Comet Well Project area. Dr Brand has had a lengthy career in exploration

geochemistry and is well regarded within the industry. Nigel worked with WMC Resources for eleven years until 1999 throughout the Norseman-Wiluna Greenstone belt on various regional Ni & Au exploration programs and at WMC operations at Norseman, Kambalda, Kalgoorlie, Leinster and Mt Keith.

Subsequently, Nigel joined Anglo American for four and a half years as their geochemist in the Asian-Pacific region, including India, Philippines and Australia exploring for Zn, Ni and Cu-Au PC/IOCG deposits. Since 2004 he has been an active consultant in the exploration geochemistry space.

Dr Brand will undertake an extensive review of available geochemical data both surface and downhole within the Comet Well project area and collaboratively determine new effective exploration programs to bring forward successful discovery in this highly prospective tenure.

This ASX announcement has been approved by the Managing Director on behalf of the board of Brightstar.

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**COMPETENT PERSON'S STATEMENT**

The information regarding Mineral Resources is extracted from the report entitled 'Auralia Review' created on 10 September 2020 and available to view on the ASX website under the ticker code 'BTR' or on the Brightstar Resources website, <http://www.brightstarresources.com.au/asx-announcements>. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.'

The information presented here relating to exploration of the Brightstar South area is based on information compiled by Mr Ian Pegg B App Sci (Hons), who is a Member of the Australian Institute of Geoscientists (AIG) and has sufficient experience which is relevant to the style of mineralisation and type of deposit under



consideration and to the activity he has undertaken to qualify as a “Competent Person” as that term is defined in the 2012 Edition of the “Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012)”. Mr Pegg consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears. Mr Pegg is employed by Brightstar Resources Ltd.