

## 5,500 metre Aircore Drilling Program Underway Program testing 4 gold-copper prospects in Bryah Basin

### Highlights:

- **5,500 metre aircore drilling program** commenced
- Program designed to:
  - complete aircore drilling over significant soil geochemical anomaly with **Volcanogenic Massive Sulphide (VMS) potential at Windalah East prospect**, which was suspended in March 2020 due to COVID-19, and
  - **undertake first pass reconnaissance drilling** at the Wongawar, Fortnum East and Fiddlers East gold-copper prospects

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Bryah Resources Limited (“Bryah” or “the Company”) is pleased to advise of the start of a 5,500 metre aircore (AC) drilling program at various prospects within the Company’s Bryah Basin Project, located in central Western Australia. The program is expected to take 2-3 weeks to complete.

### **Aircore Drilling Program**

The aim of the AC drilling program is to:

- complete testing the large soil geochemical anomaly located at Windalah East, and
- undertake first pass reconnaissance drilling, primarily for gold-copper, at the Wongawar, Fortnum East and Fiddlers East prospects.

The location of these prospects is shown in Figure 2 below.

Bryah Resources Managing Director Neil Marston said:

“This is the most substantial drilling program undertaken by the Company this year.

“These areas have been carefully identified by the Company, with in-depth consideration given to encouraging geological information. The new target areas are all highly prospective for gold and copper.”

### Windalah East Geochemical Anomaly

The principal objective of this AC drilling program is to test the large Windalah East geochemical anomaly (see Figure 1). This geochemical anomaly was discovered in 2018 by 500m x 500m multi-element auger soil sampling, with follow up 250m x 250m in-fill sampling verifying the scale of the anomaly<sup>1</sup>.

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<sup>1</sup> See BYH ASX Announcement dated 22 February 2019 for full details

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#### ASX Code: BYH

ABN: 59 616 795 245  
Shares on issue: 131,873,840  
Latest Share Price: \$0.05  
Market Capitalisation: \$6.6M

#### Projects

Bryah Basin – Copper, Gold,  
Manganese  
Gabanintha – Gold, Copper  
[bryah.com.au](http://bryah.com.au)

An area highly anomalous in pathfinder minerals including Antimony (Sb), Arsenic (As), and Selenium (Se), which are often associated with the footwall alteration cells of hydrothermal VMS deposits, is the main focus of this program.

In March 2020, the Company completed 8 AC drill holes for 669 metres before COVID-19 caused an early suspension of the drilling program.

A minimum of 30 holes for a total of approximately 2,500 metres of AC drilling are planned in this current program to fully test this significant geochemical anomaly.

In addition, a further 9 holes for approximately 900 metres are planned to test a gravity low anomaly at Windalah along a single line of holes at 80m spacing (see Figure 1).

This drilling should provide a better understanding of the geology throughout the Windalah area and test the gravity low anomaly.

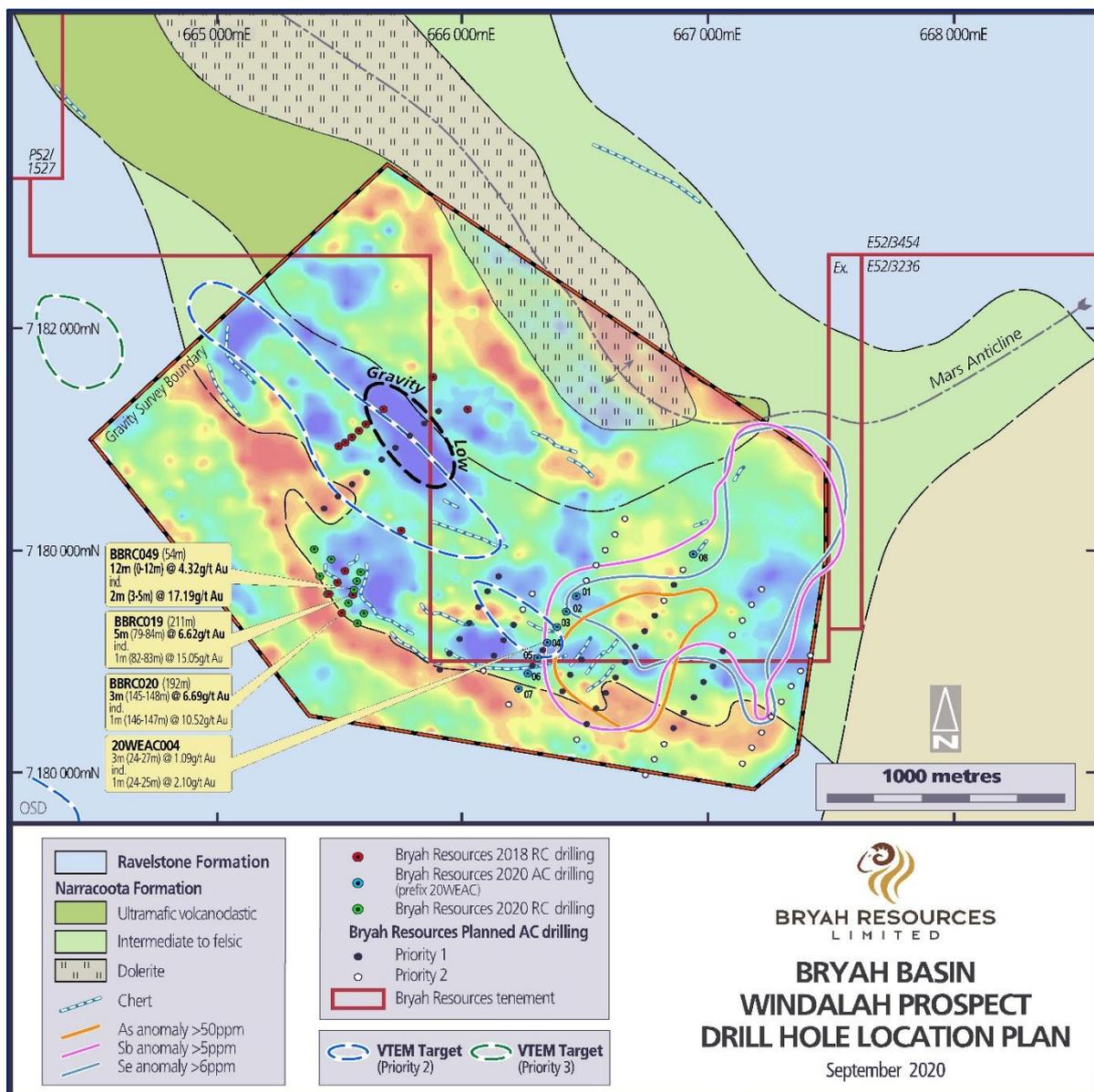


Figure 1 - Windalah East Geochemical Anomaly showing current and planned drill holes

### Reconnaissance Drilling

As part of this program, a series of traverses will also be drilled for a minimum of 2,000 metres across the Wongawar, Fortnum East and Fiddlers East gold-copper Prospects (see Figure 2). This will be the first time the Company has drilled these target areas.

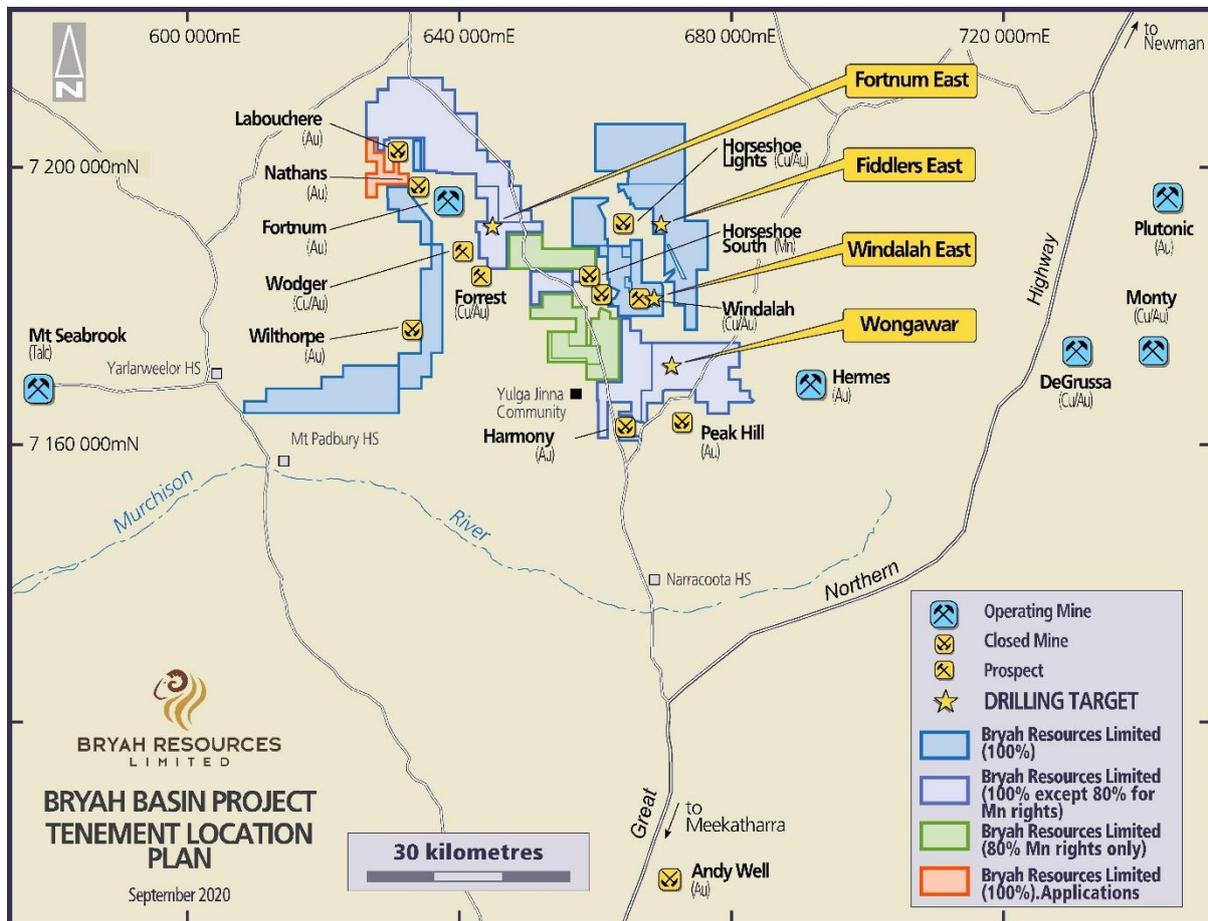


Figure 2 - Tenement Location Plan

The **Wongawar Prospect** is an untested epigenetic gold-copper target located within the Peak Hill gold mine region. Recent sampling by the Company has returned gold and copper anomalism in soil and rock chip sampling of up to **1.17g/t Au and 693ppm Cu** over a 700 metres contact length<sup>2</sup>. This site was first identified in 1989 through a BLEG soil sampling campaign which identified gold anomalism<sup>3</sup>.

The **Fortnum East Prospect** is a poorly exposed section of the prospective Narracoota-Ravelstone Formation contact which has had very limited historical exploration. This prospective geology has potential for epigenetic or VMS-style mineralisation.

The Fortnum gold mine, operated by Westgold Resources Limited (ASX:WGX), is 9km northwest of Bryah's Fortnum East prospect. The Wodger and Forrest gold-copper prospects – currently being explored by Auris Minerals Limited (ASX:AUR) – are 5km southwest of Fortnum East (see Figure 3).

<sup>2</sup> See BYH ASX Announcement dated 5 March 2019 for full details

<sup>3</sup> See WAMEX Report A29996 – Afmeco Pty Ltd, Peak Hill South Project E52/260, 404, P52/475-477 Annual Report 1989

The June 2020 Resource and Reserve Update for the Fortnum gold mine is a Measured, Indicated and Inferred Resource of **9.1 Mt @ 2.40 g/t Au for 703,000 oz Au**, with a Proven and Probable Ore Reserve of **3.326 Mt @ 2.27 g/t Au for 250,000 oz Au**<sup>6</sup>.

Auris Minerals Limited recently announced combined Inferred Mineral Resources at Wodger and Forrest of **2.4 Mt @ 1.7% Cu and 0.44 g/t Au, for 41,500 t Cu and 34,300 oz Au**<sup>7</sup>.

The Fortnum East Prospect is situated on the same regional antiform, in near-identical stratigraphy, as the Wodger and Forrest prospects.

The **Fiddlers East Prospect** has been previously highlighted as an area of interest for Horseshoe Lights-style gold-copper mineralisation. The planned drilling area lies approximately 5km to the east of the Horseshoe Lights open pit, which historically has produced over **54,800 tonnes of copper and 309,700 oz gold**<sup>8</sup>.

*The board of directors of Bryah Resources Limited has authorised this announcement to be given to the ASX.*

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<sup>6</sup> See WGX ASX announcement - Annual Resource and Reserve Updates dated 13 August 2020 for full details

<sup>7</sup> See AUR ASX Announcement dated 2 July 2020 for full details

<sup>8</sup> See WAMEX Report A41635. Sabminco NL June 1994

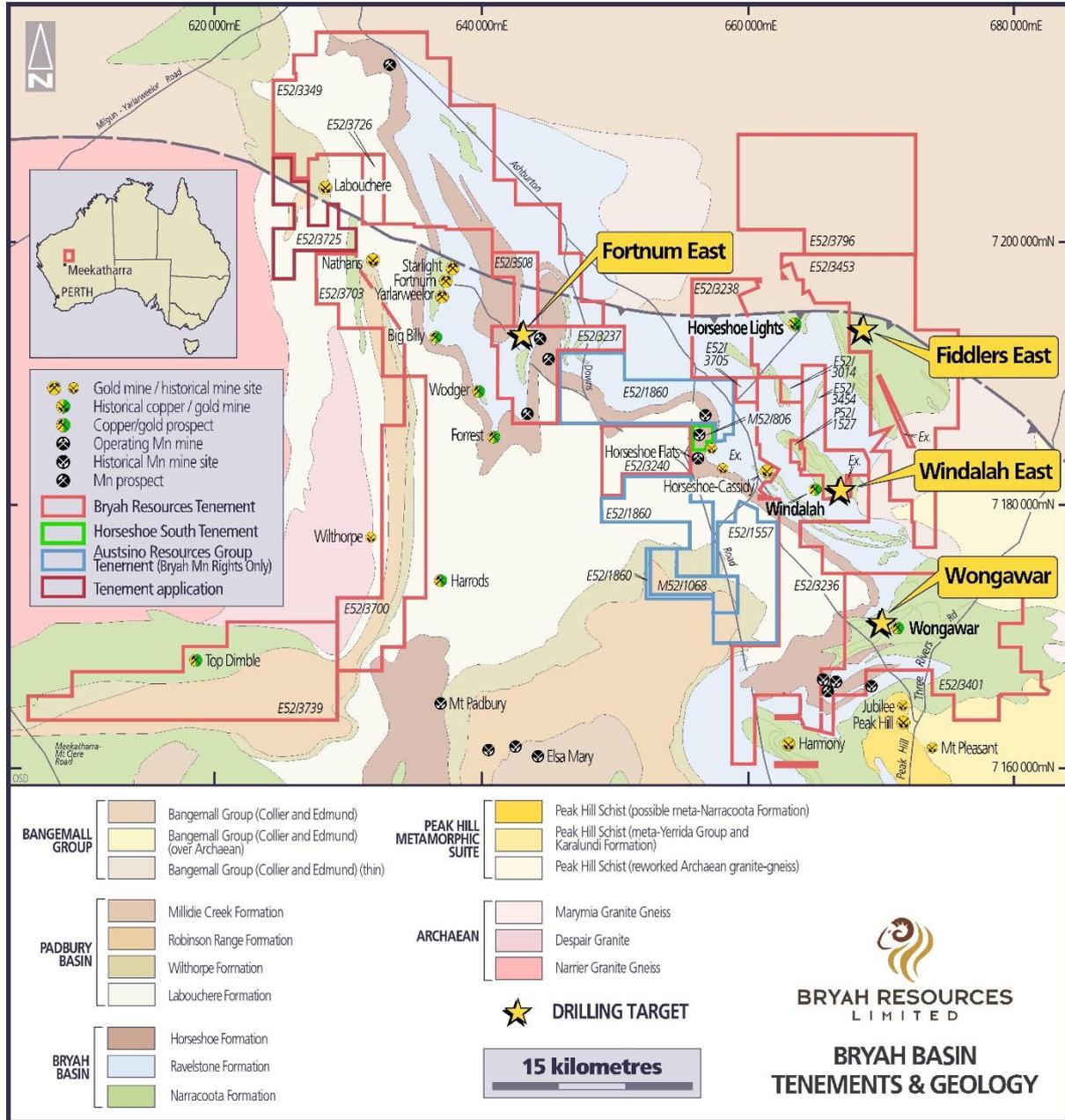


Figure 3 - Bryah Basin Tenements and Regional Geology Map

## About Bryah Resources Limited

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*Bryah Resources Limited is a copper-gold-manganese focused explorer with 2 projects located in central Western Australia, being the 1,135km<sup>2</sup> Bryah Basin Project and the 170km<sup>2</sup> Gabanintha Project. The Bryah Basin is host to the high-grade copper-gold mines at DeGrussa, discovered by Sandfire Resources Limited in 2009, and at Horseshoe Lights, which was mined until 1994. The Bryah Basin also has several historical and current manganese mines including the Company's recently acquired Horseshoe South mine. The Company has secured a joint venture agreement with OM (Manganese) Limited in respect to its manganese rights only in respect to approximately 660 km<sup>2</sup> of its Bryah Basin tenement holdings.*

*At Gabanintha, Bryah holds the rights to all minerals except Vanadium, Uranium, Cobalt, Chromium, Titanium, Lithium, Tantalum, Manganese & Iron Ore (Excluded Minerals). Australian Vanadium Limited retains 100% rights in the Excluded Minerals on the Gabanintha Project. Bryah has announced a maiden Inferred Mineral Resource at the Tumblegum South Prospect at Gabanintha of **600,000 tonnes @ 2.2 g/t Au for 42,500 oz Au**<sup>9</sup>.*

## Competent Persons Statement – Exploration Results

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*Where the Company refers to Exploration Results in this announcement (referencing previous releases made to the ASX), the Company is not aware of any new information or data that materially affects the information included in the relevant market announcements.*

## Competent Persons Statement – Mineral Resource Estimation

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*The information in this announcement that relates to Mineral Resources (see BYH ASX announcement dated 29 January 2020) is based on and fairly represents information compiled by Mr Ashley Jones, Consultant with Kamili Geology Pty Ltd. Mr Jones is a member of the Australasian Institute of Mining and Metallurgy (AusIMM).*

*The Company confirms that it is not aware of any new information or data that materially affects the information included in that announcement and all material assumptions and technical parameters underpinning the Mineral Resource estimate with that announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not materially changed from the original announcement.*

## Forward Looking Statements

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*This report may contain certain “forward-looking statements” which may not have been based solely on historical facts, but rather may be based on the Company's current expectations about future events and results. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward looking statements are subject to risks, uncertainties, assumptions and other factors which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements. Readers should not place undue reliance on forward looking information. The Company does not undertake any obligation to release publicly any revisions to any “forward looking statement” to reflect events or circumstances after the date of this report, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.*

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<sup>9</sup> See BYH ASX Announcement dated 29 January 2020 for full details