

# Manganese Drilling Underway in Bryah Basin

## Highlights:

- 2,000 metre **RC drilling program** underway
- Drilling to test **new manganese targets** identified by GAIP survey
- All activities are **fully funded by Joint Venture partner OM (Manganese) Limited**

Bryah Resources Limited (“Bryah” or “the Company”) is pleased to announce the start of drilling on the Bryah Basin Manganese Joint Venture project, which is located approximately 150 km north of the town of Meekatharra in central Western Australia (see Figure 1).

The Reverse Circulation (RC) drilling program of 2,000 metres is planned to test some of the potentially concealed manganese targets identified by the recently completed Gradient Array Induced Polarisation (GAIP) geophysical survey in the vicinity of the Brumby Creek Prospect<sup>1</sup>. Drilling will primarily focus on the Bryah West, Redrum, Mollie and Clover targets as shown in Figure 2.

## Bryah Basin Manganese Joint Venture (BYH - 60% JV Interest)

In April 2019, Bryah executed a Manganese Farm-In and Joint Venture Agreement (“JV Agreement”) with OM (Manganese) Limited (“OMM”), a wholly owned subsidiary of ASX-listed OM Holdings Limited (ASX:OMH). The JV Agreement applies to the rights to manganese only over approximately 600 km<sup>2</sup> of the entire tenement package held by the Company in the Bryah Basin. The Manganese JV includes the Horseshoe South Manganese Mine, which is the largest historical manganese mine in the region (see Figure 1).

Under Stage 1 of the JV Agreement, OMM funded \$500,000 of project expenditure which yielded highly encouraging manganese drilling results<sup>2</sup>. In August 2019, OMM secured an initial 10% interest in the Manganese Joint Venture (“JV”), following payment of a \$250,000 Exercise Fee.

Under Stage 2 of the Agreement, OMM has progressively funded \$2.0 million of exploration expenditure in four tranches, to earn up to a 51% interest in the JV by 30 June 2022. OMM has completed Tranche 3 funding of \$500,000 to earn a 40% JV interest and have committed to fund Tranche 4 of \$500,000, which will increase OMM’s total JV interest to 51%.

Bryah is Project Manager of the JV until OMM has earned a 51% JV interest and has elected to be Project Manager. Once OMM has earned its 51% JV interest, Bryah must elect:

- a) to contribute towards manganese exploration to maintain its 49% JV interest, or
- b) for OMM to fund the next \$1.8 million of project expenditure to earn a 60% JV Interest.

<sup>1</sup> See BYH Quarterly Report dated 29 July 2021 for full details.

<sup>2</sup> See Quarterly Activities Report dated 31 October 2019 for full details.

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### ASX Code: BYH

ABN: 59 616 795 245  
Shares on issue: 220,207,175  
Latest Share Price: \$0.048  
Market Capitalisation: \$10.6M

### Projects

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

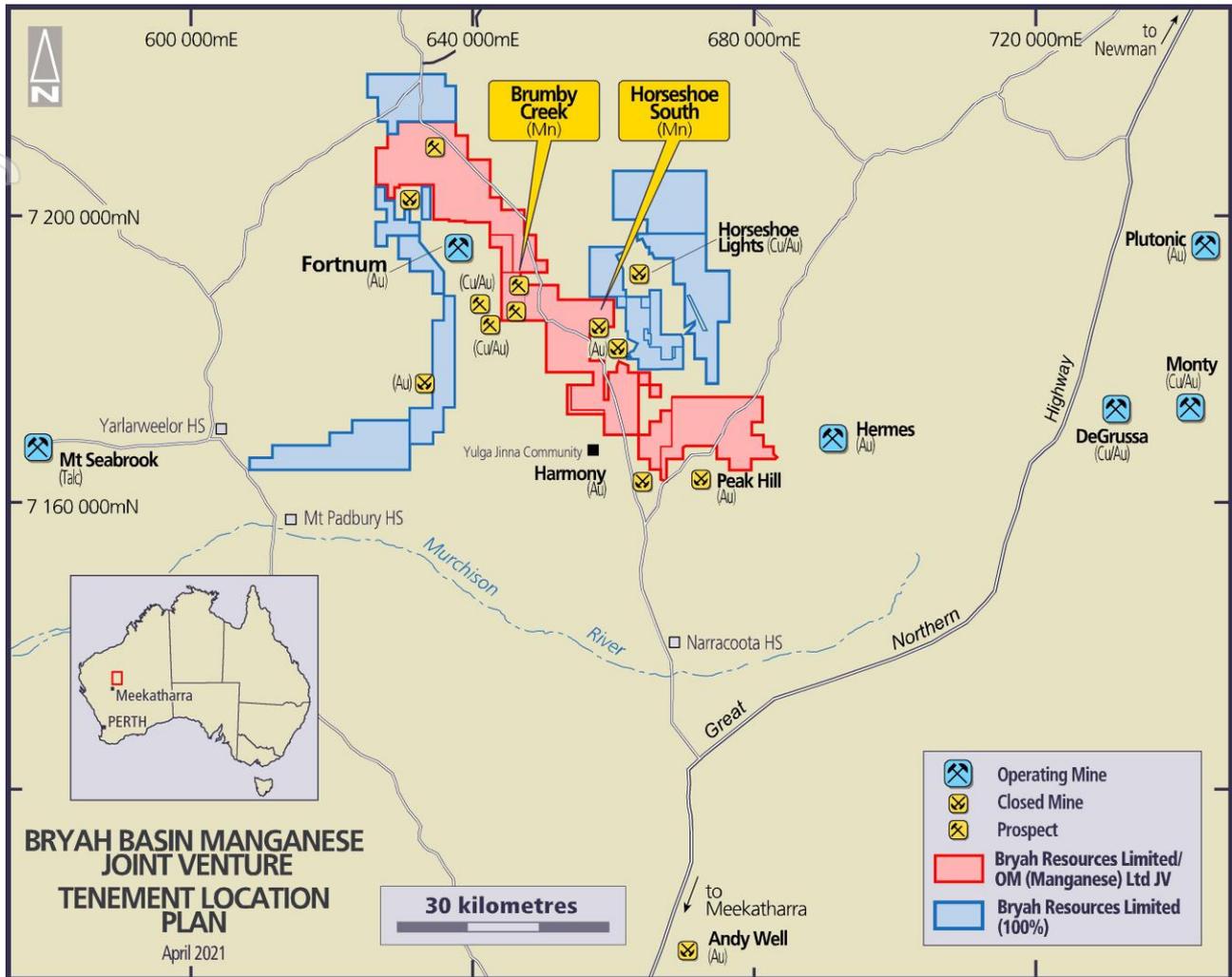


Figure 1 - Tenement Location Plan

## Other Activities

The following manganese joint venture activities are also underway:

- Metallurgical testwork on a variety of core samples collected from diamond drilling completed in January 2021, with the aim of defining the optimal processing method for producing a high quality manganese ore. As previous announced core scanning revealed manganese grades exceeding 40% Mn in several drill holes<sup>3</sup>, and
- Mineral Resource Estimates for the Brumby Creek, Black Hill and Horseshoe South deposits.

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

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<sup>3</sup> See BYH ASX Announcement dated 6 May 2021 for full details

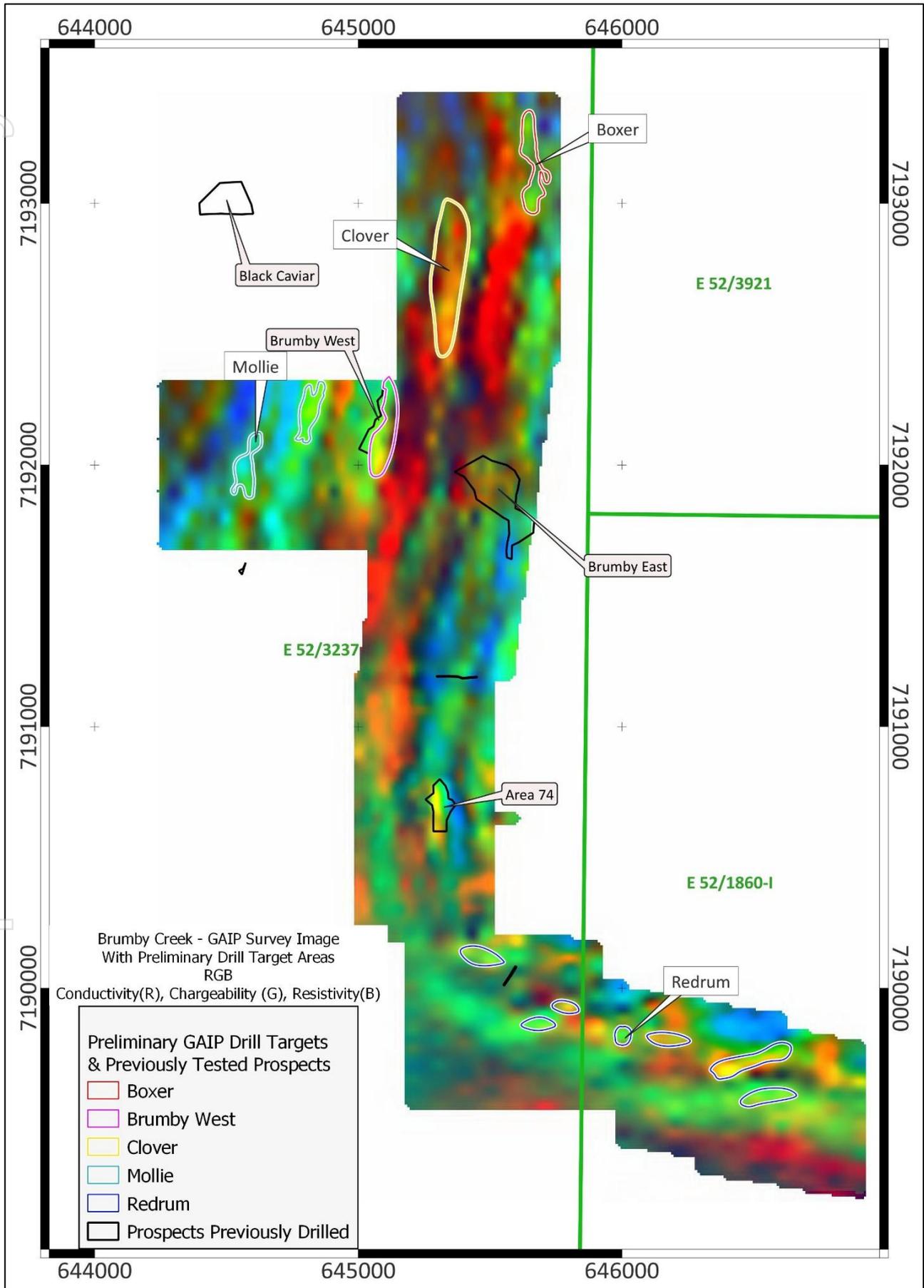


Figure 2 - Composite of GAIP Data (Conductivity, Chargeability, Resistivity) with New & Previously Drilled Mn Prospects

## 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 1,125km<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 Horseshoe South mine (see Figure 1). The Company has a joint venture agreement with OM (Manganese) Limited in respect to its manganese rights only in respect to approximately 600 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**.*

## 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.*

## Competent Persons Statement

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*The information in this announcement that relates to Exploration Results is based on 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). Mr Jones is a consultant to Bryah Resources Limited ("the Company"). Mr Jones has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Ashley Jones consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.*

*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.*

## 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.*