

Manganese Drilling Commences in Bryah Basin Program targeting high-grade manganese underway

Highlights:

- **1,500 metre drilling program** has commenced in Bryah Basin
- Drilling will focus on **testing for extensions of high-grade manganese** intersected at Black Hill, Brumby Creek and Horseshoe South in 2019
- Initial drilling to test a new area near Mount Labouchere.
- Drilling has been **funded by OM (Manganese) Limited** under Bryah Basin Joint Venture Agreement
- Drilling program is being undertaken by **Bryah as Project Managers**

Bryah Resources Limited (“Bryah” or “the Company”) is pleased to announce that the next phase of manganese drilling has commenced at its Bryah Basin Manganese Joint Venture project, which is located approximately 150 kilometres north of the town of Meekatharra in central Western Australia (see Figure 1).

Following receipt last week of a \$250,000 project expenditure payment from OM (Manganese) Limited (“OMM”)¹, this drilling program is fully funded, and will be completed at no cost to Bryah.

The following drilling activities will be completed in the coming days:

1. Follow-up drilling at the Horseshoe South mine, Brumby Creek and Black Hill prospects, and
2. First pass drilling at the Mount Labouchere prospect.

The location of these drilling areas is shown in Figure 2.

The drilling program consists of 1,500 metres to be drilled over the four areas, with the focus of the drilling being to test for extensions of high-grade manganese mineralisation intersected in drilling programs completed in 2019.

¹ See BYH ASX Announcement dated 21 April 2020 for full details

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ASX Code: BYH

ABN: 59 616 795 245
Shares on issue: 100,873,840
Latest Share Price: \$0.028
Market Capitalisation: \$2.8M

Projects

Bryah Basin – Copper, Gold
Manganese
Gabanintha – Gold, Copper
bryah.com.au

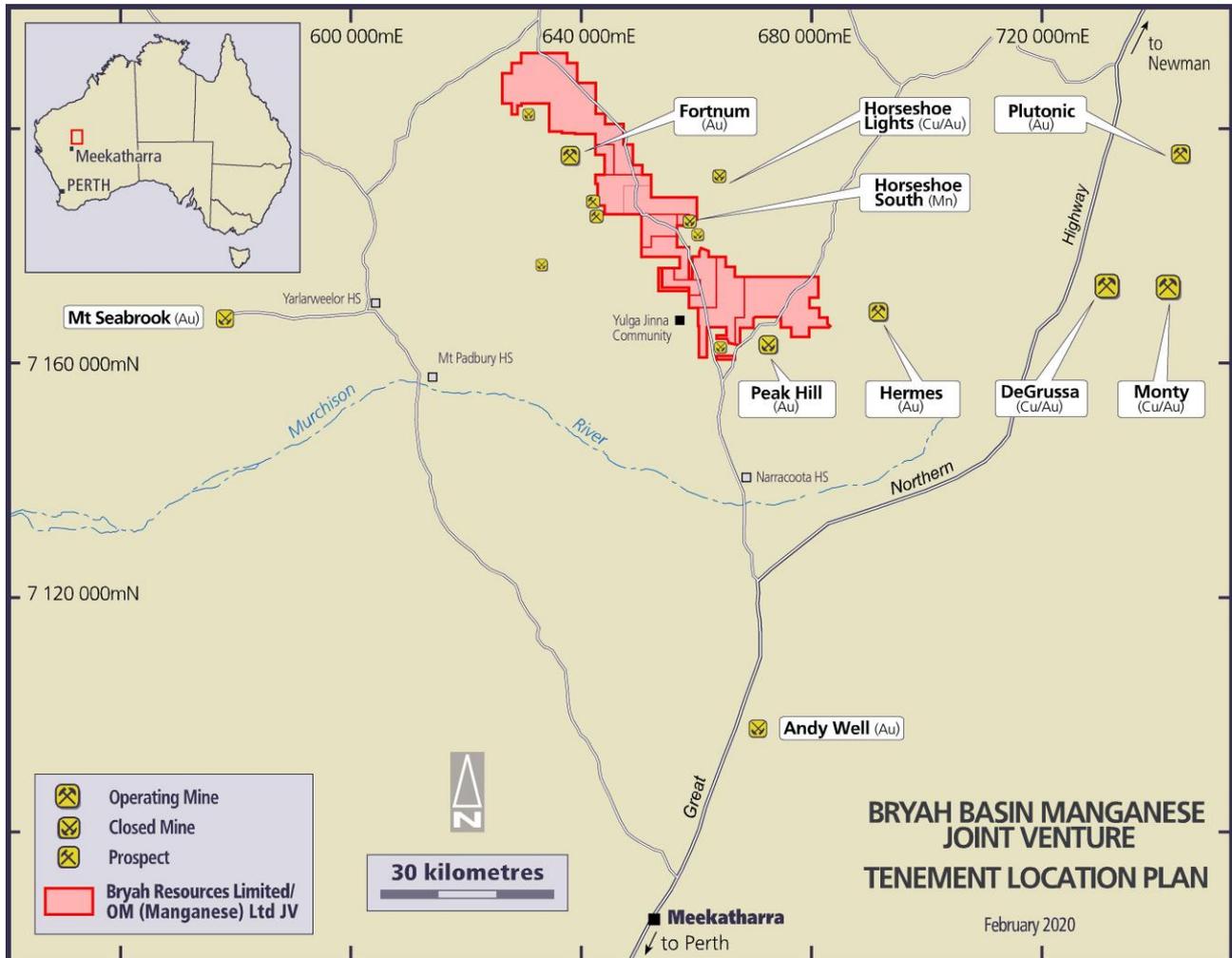


Figure 1: - Tenement Location Plan

Drilling Targets

Bryah completed 2 phases of exploration drilling in 2019 which identified areas of high-grade manganese mineralisation, some of which will be tested in this program.

Black Hill

At Black Hill 4 holes were drilled in 2019², with two holes yielding intersections of direct shipping grade Manganese from the surface (see Figure 3):

- BHRC001 - **5 metres (0-5m) @ 36.9% Mn**, including 1 metres (0-1m) @ 40.4% Mn, and
- BHRC002 - **6 metres (0-6m) @ 38.1% Mn**, including 3 metres (2-5m) @ 42.0% Mn.

Up to 15 holes, drilled to a maximum depth of 12 metres, are planned in this next phase of drilling, aiming to test for high-grade extensions of manganese at this prospect.

² See BYH ASX Announcement dated 2 August 2019 for full details

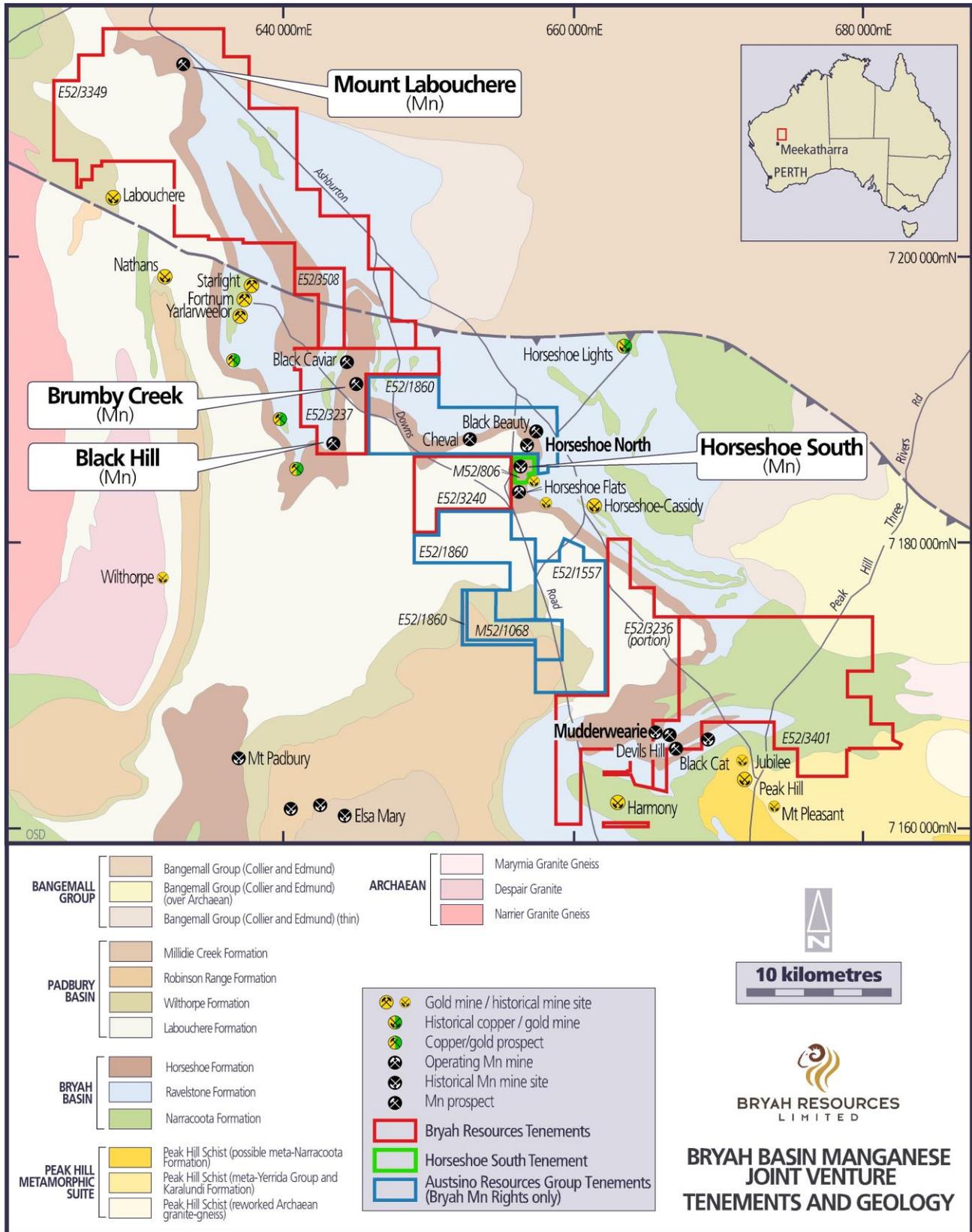


Figure 2 - Tenements and Geology Plan

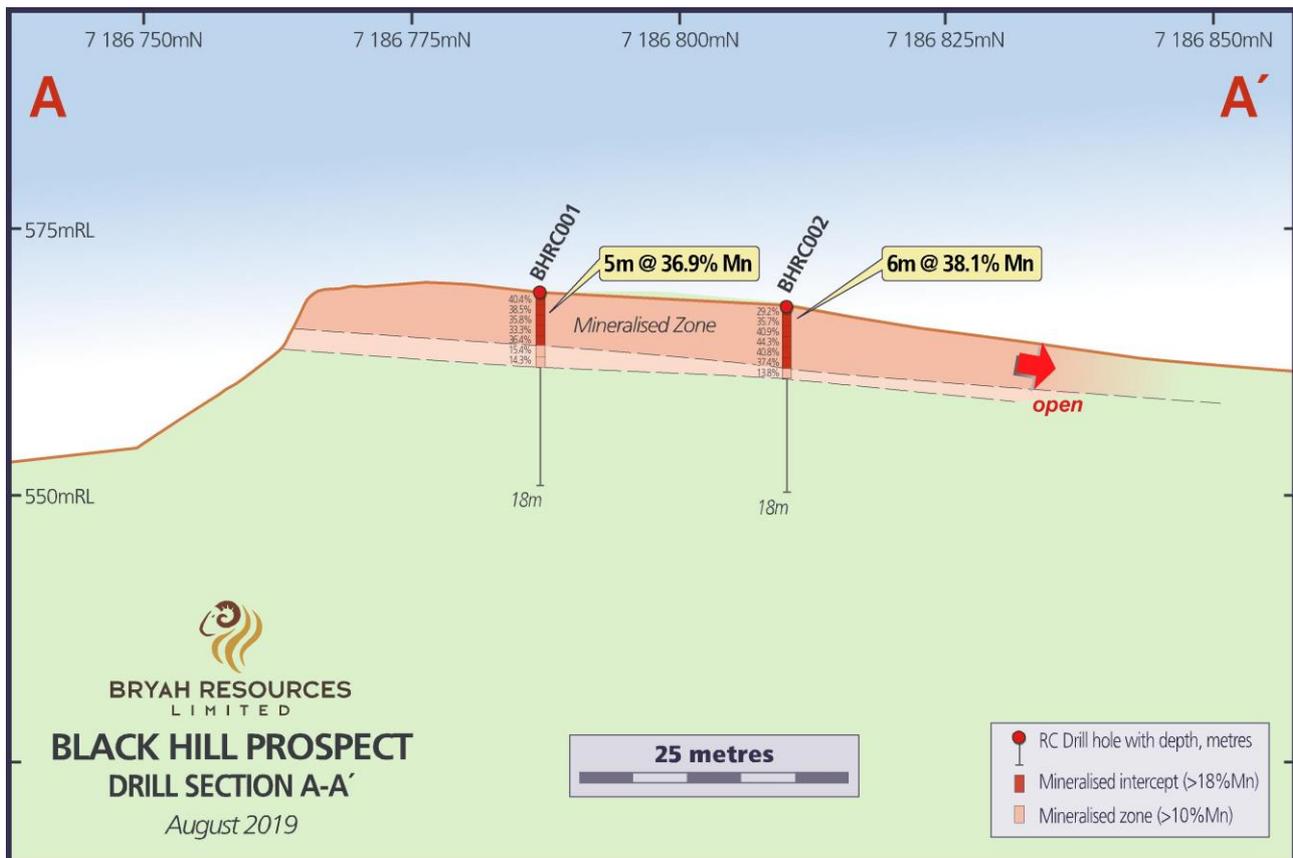


Figure 3 - Black Hill Prospect Drill Section

Brumby Creek

At the Brumby Creek Prospect, wide spaced regional drilling in 2019 identified an area of outcropping manganese mineralisation which, when tested with hole BRRC074, recorded:

- **23 metres (0-23m) @ 25.8% Mn**, including 3 metres (2-5m) @ 31.2% Mn, 2 metres (6-8m) @ 30.4% Mn and 2 metres (10-12m) @ 32.8% Mn.³

This area will be drill tested with several holes, totalling 200 metres, planned.

Horseshoe South

Drilling in 2019 at the granted mining lease at the historic Horseshoe South manganese mine tested parts of the Main pit as well as in the Horseshoe South Extended pit with some positive results.

In the Main Pit, hole HSRC012 recorded **3 metres @ 33.8% Mn** from 2 metres depth⁴ (see Figure 4). Closer spaced holes will be drilled in the vicinity of HSRC012 to establish the extend of mineralisation.

In the Horseshoe South Extended Pit several holes are planned to test and confirm historical drilling results below the existing pit floor.

³ See BYH ASX Announcement dated 31 July 2019 for full details

⁴ See BYH ASX Announcement dated 19 August 2019 for full details

In total approximately 900 metres of drilling is planned at Horseshoe South.

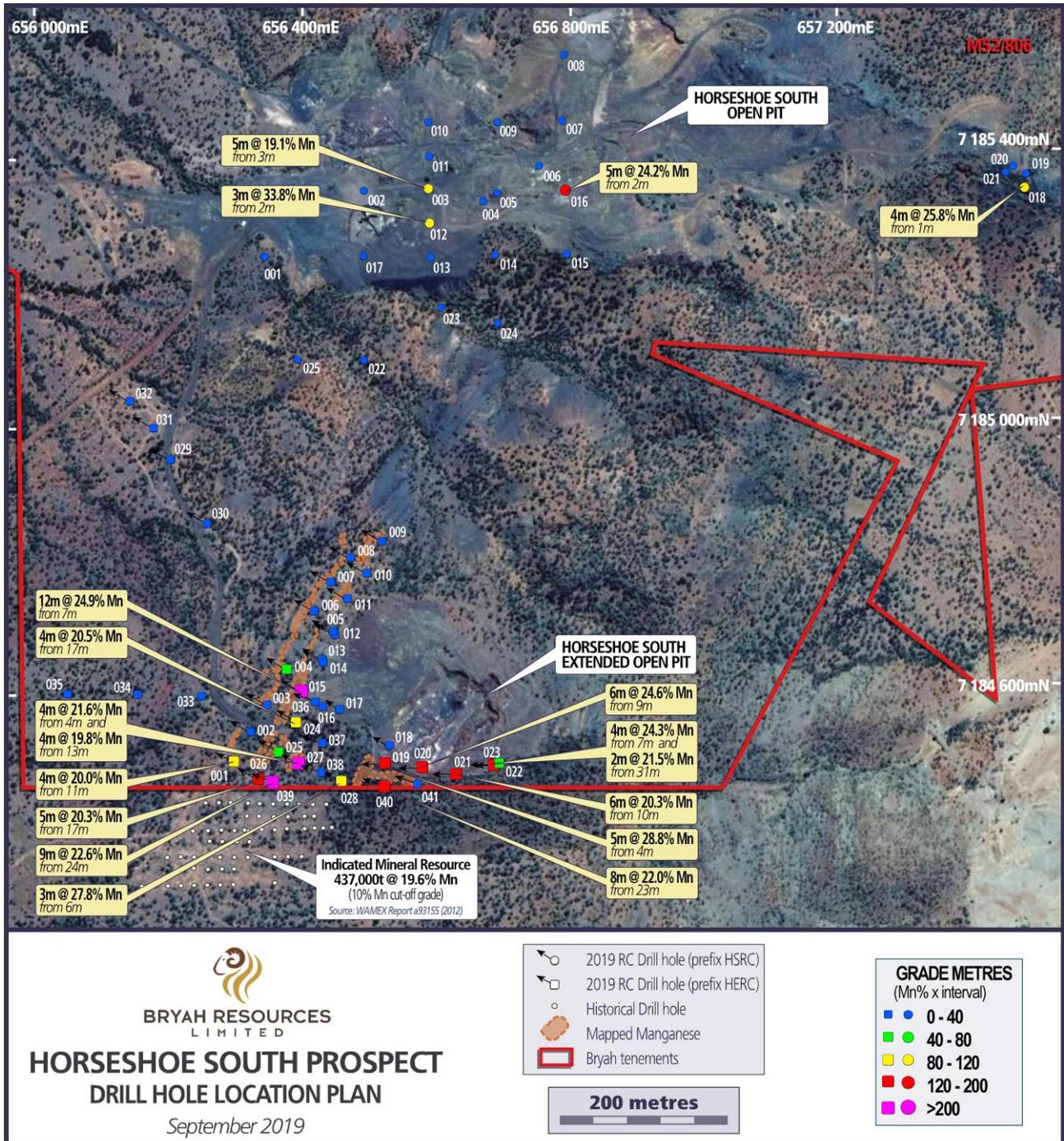


Figure 4 -- Drill hole Location Plan – Horseshoe South

Bryah Basin Manganese Joint Venture

In April 2019, Bryah executed a Manganese Farm-In and Joint Venture Agreement (“Agreement”) with OMM, a wholly owned subsidiary of ASX-listed OM Holdings Limited (ASX:OMH)⁵. The Agreement applies to the rights to manganese only over approximately 660 km² in the Bryah Basin.

Between April and August 2019, OMM funded \$500,000 of project expenditure which yielded highly encouraging manganese drilling results⁶. In August 2019, OMM elected under the Agreement to proceed and the Joint Venture was formed following payment of a \$250,000 Exercise Fee, whereby OMM secured an initial 10% interest in the Manganese Joint Venture (“JV”).

Under Stage 2 of the Agreement, OMM can elect to progressively fund the next \$2.0 million of exploration expenditure in four tranches of \$500,000 each, to earn up to a 51% interest in the Manganese JV by 30 June 2022.

OMM has completed Tranche 1 funding of \$500,000 and, once expended by Bryah, will increase the JV interest held by OMM from 10% to 20%. Bryah is Project Manager of the JV until OMM has earned a 51% JV interest and has elected to be Project Manager.

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

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⁵ See BYH ASX Announcement dated 23 April 2019 for full details

⁶ See Quarterly Activities Report dated 31 October 2019 for full details

About Bryah Resources Limited

Bryah Resources Limited is a copper-gold-manganese focused explorer with 2 projects located in central Western Australia, being the 1,135km² Bryah Basin Project and the 170km² 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 km² 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 Au⁷.

Forward Looking Statements

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.

⁷ See BYH ASX Announcement dated 29 January 2020 for full details