



Manganese Mining Licences Granted

HIGHLIGHTS

- Two Mining Licence applications granted over Bryah Basin Manganese Joint Venture
- Mining licence granted over current JORC resources at the **Brumby Creek and Black Hill Prospects**
- Resource model updated in August 2023 to **3.07 MT at 20.1% Mn¹**

Bryah Resources Limited (ASX: BYH, “Bryah” or “the Company”) in conjunction with OM (Manganese) Ltd (OMM) is pleased to announce the grant of two Mining Licences at the Bryah Basin manganese project. Bryah (49%) and OMM (51%) have a Joint Venture (JV) to undertake exploration to test targets in the area, with a view to commencing manganese production. OMM is a wholly owned subsidiary of OM Holdings Limited (ASX: OMH), one of the world’s leading suppliers of manganese ores.

Commenting on the application, Bryah CEO Ashley Jones said: *“The Mining Licences that have been granted are an important step in moving the Joint Ventures successful manganese exploration to the production stage. Additional tonnes are expected to be added to the current JORC resource from recent drilling at Red Rum and Brumby Creek West. The Mining Licence applications and environmental permitting process are prerequisites to getting this manganese mining area back into production.”*

Mining Licences

Two mining licence areas have been granted. M52/ 1088 encompasses the Black Hill JORC resource and the Black Hill Northeast prospect. M52/ 1088 includes the Brumby Creek West, Brumby Creek East, Area 74 JORC resources¹ and Redrum project areas.

¹ See ASX announcement dated 24th August



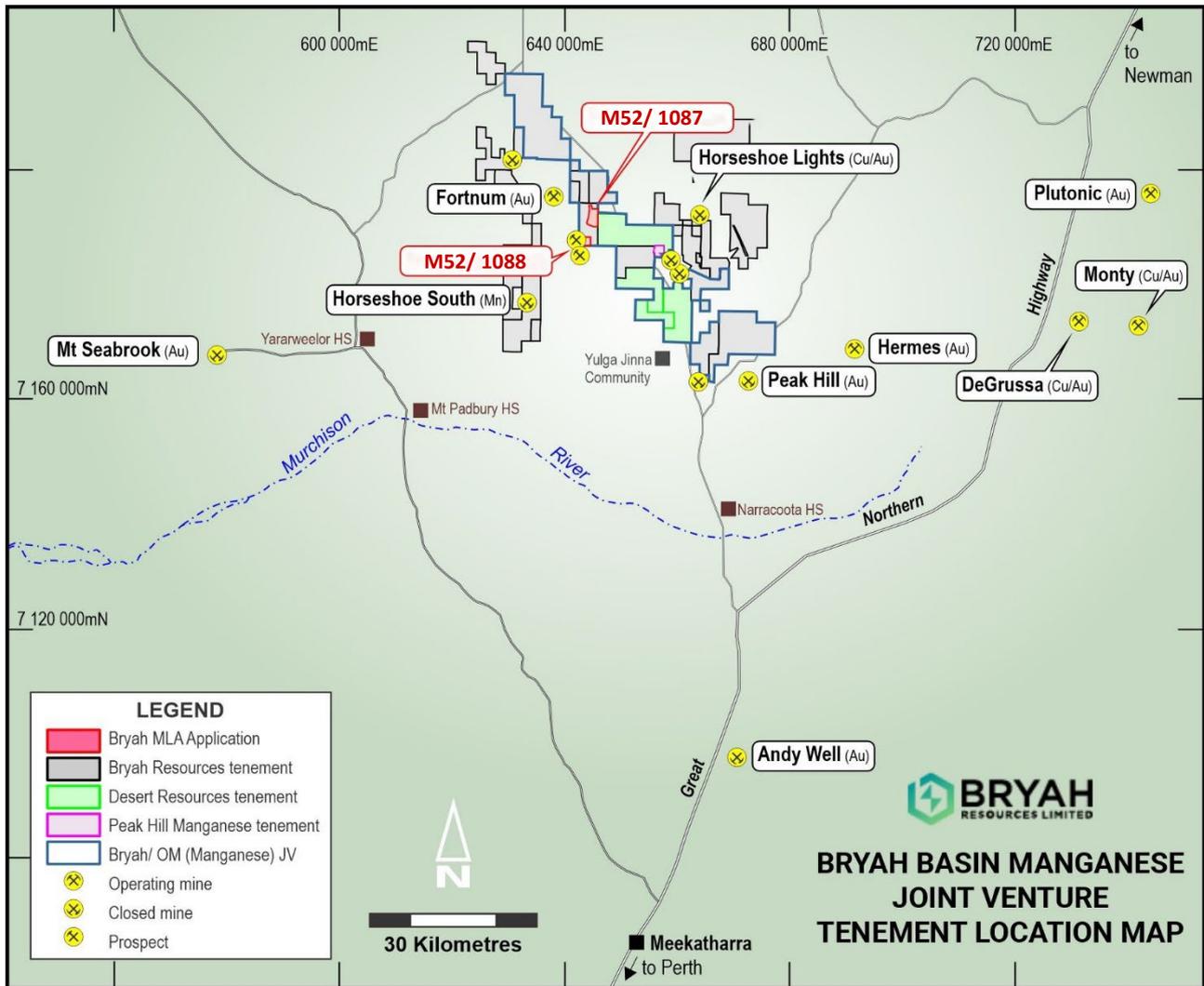


Figure 1: Mining Licence M52/ 1087 and M52/ 1088 within Tenement holding.

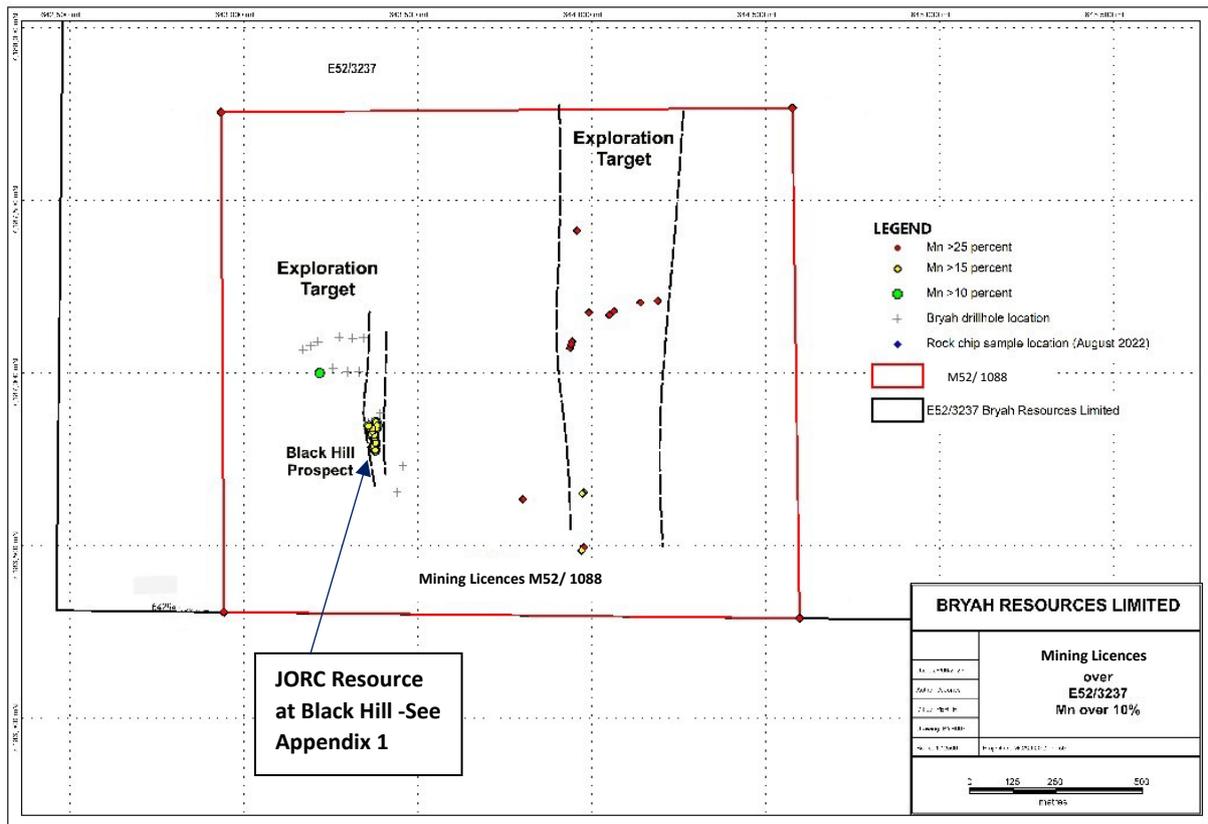


Figure 3 Black Hill Mining Licence M52/ 1088

Drill results from the drilling completed in August 2023 will be released this quarter. The Brumby Creek and Redrum areas had extension drilling completed during this program.

For further information, please contact:

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This announcement has been produced in accordance with the Company's published continuous disclosure policy and has been approved by the Board.



ABOUT BRYAH RESOURCES

Bryah's assets are all located in Western Australia, a Tier One global mining and exploration jurisdiction. Strategically the Projects are energy metals focused, or able to exploit synergies of geological knowledge, locality and exploration.

The prospective Bryah Basin licences cover 1,048km² and have a potential new Volcanogenic Massive Sulphide (VMS) 'Horseshoe Lights type' mine analogue at the Windalah prospect, and multiple other similar untested targets. The area also contains extensive outcroppings of manganese, the subject of a substantial \$7M joint venture with ASX listed OM Holdings Limited (ASX: OMH). OMH is a vertically integrated manganese producer and refiner with a market capitalisation of over \$350m. Bryah and OMH have an excellent working relationship, with OMH having already spent over \$3.5 million to earn-in to the Manganese Rights of the Project.

Gabanintha, near Meekatharra, has a JORC 2012 Mineral Resource for Cu, Ni, Co² and additional structural gold potential. The copper nickel resource and recently identified gold mineralisation at Gabanintha will be the subject of further drill definition and a prefeasibility study to integrate the project with the Australian Vanadium Project (ASX: AVL). The resource has been defined by the drilling efforts of AVL in the development of its vanadium project and enabled Bryah to define a base metal resources inventory.

Bryah's base metals inventory at Gabanintha and manganese JV in the Bryah Basin have a clear pathway to production, which will be significantly advanced in 2023 by the commencement and completion of metallurgical feasibility studies at both projects.

The Lake Johnston tenements are prospective for battery metals lithium and nickel. The corridor near Lake Johnston contains significant mines and discoveries of nickel and lithium, including the Mount Holland Lithium Mine and the historical Maggie Hays/Emily Ann nickel deposits.

Bryah holds 18.43% of gold focused Star Minerals (ASX:SMS). Star has a Mineral Resource at Tumblegum South and exploration prospects in the West Bryah Basin.

² See ASX announcement dated 25th May 2022 '36.0 MT Ni-Cu-Co Mineral Resource at Gabanintha'.



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.

COMPETENT PERSON STATEMENT – EXPLORATION RESULTS AND EXPLORATION TARGETS

The information in this report that relates to Exploration Results and Exploration Targets is based on and fairly represents information and supporting documentation prepared by Ashley Jones. Mr Jones is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) and has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Jones consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

COMPETENT PERSON STATEMENT — MINERAL RESOURCE ESTIMATION

The information in this announcement that relates to Mineral Resources is based on and fairly represents information compiled by Mr Lauritz Barnes, (Consultant with Trepanier Pty Ltd), and Ms Gemma Lee (Principal Geologist with Bryah Resources). Mr Barnes and Ms Lee are members of the Australasian Institute of Mining and Metallurgy (AusIMM) and/or the Australian Institute of Geoscientists (AIG). Both have sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Specifically, Ms Lee is the Competent Person for the geological model and site visits and for the geological database. Mr Barnes is the Competent Person for the estimation. Mr Barnes, and Ms Lee consent to the inclusion in this announcement of the matters based on their information in the form and context in which they appear.

Where the Company refers to Mineral Resource Estimation and/or 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.



Appendix 1

Table 1 August 2023 Manganese Mineral Resource at 15% Mn Cut-off¹

Prospect	Category	2023 Estimate		
		kt	Mn %	Fe %
Area 74	Indicated	286	24.1	21.1
Brumby Creek		1,038	20.6	20.5
Horseshoe		295	20.5	23.6
Redrum		429	19.2	22.7
Black Hill		24	29.7	20.2
Total Indicated		2,072	20.9	21.5
Area 74	Inferred	16	18.0	23.5
Brumby Creek		276	18.5	24.4
Horseshoe		351	19.5	29.9
Redrum		351	18.0	23.8
Total Inferred		994	18.6	26.1
Total Mineral Resource		3,066	20.2	23.0

Note: Appropriate rounding applied. kt = 1,000 tonnes

¹ See ASX announcement dated 24th August