

## Project Updates

- **Fast tracking Lithium exploration at Lake Johnston**
- **Down Hole EM Survey on Windalah VMS Completed**

Bryah Resources Limited (ASX: BYH, “Bryah” or “the Company”) is pleased to give an update on its projects and upcoming exploration programs.

Commenting on update, Bryah CEO Ashley Jones said: *“TG Metals’ recent success has put a strong emphasis again on Bryah’s Lake Johnston area. We have already shown that we have LCT type pegmatites on Bryah’s tenements with 403ppm Li<sub>2</sub>O at the Roundbottom Prospect. So we know the potential.*

*A small orientation soil program was completed with results due mid – late November and a large soil program is being fast tracked. Soil sampling appears to be a very fast, economical and easy way to progress quickly to drill targets.*

*Completion of the Down Hole Electro Magnetic survey at the Windalah VMS copper target is great news. Results will indicate if we have any deep conductors at the prospect. We look forward to the results.”*

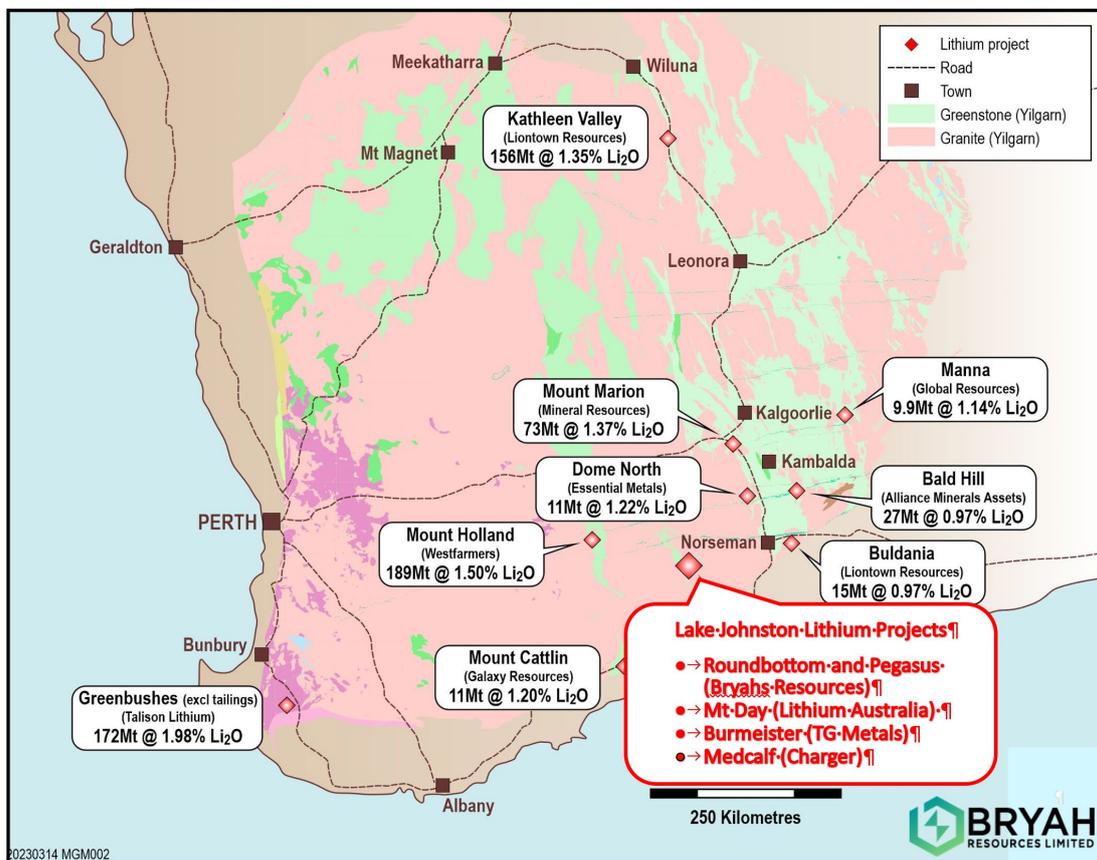


Figure 1 Lake Johnston Tenements Regional Geology and Nearby Lithium Prospects

## Lake Johnston Lithium

The Lake Johnston area continues to grow as a prospective lithium corridor with significant discoveries made by Charger Metals (ASX CHR) at its Medcalf discovery and TG Metals Burmeister project.

Bryah has further reason to fast track **its exploration on Lake Johnston lithium targets** following the recent success by TG Metals south of Bryah’s tenure. TG Metals (ASX: TG6) had a best result of 9 m at 1.25% Li<sub>2</sub>O at its Burmeister project<sup>1</sup>. Results are pending late November for soil sample orientation lines and a large soil program has been planned.

The aim is to have a soil program completed by the end of the year with drill targets identified over January and drilling following approvals in Q1 2024.

The Lake Johnston Project consists of eight granted exploration licenses and one licence under application, covering 794 km<sup>2</sup> held by Bryah, and its 100% owned subsidiary West Coast Minerals Pty Ltd (Figure 2)

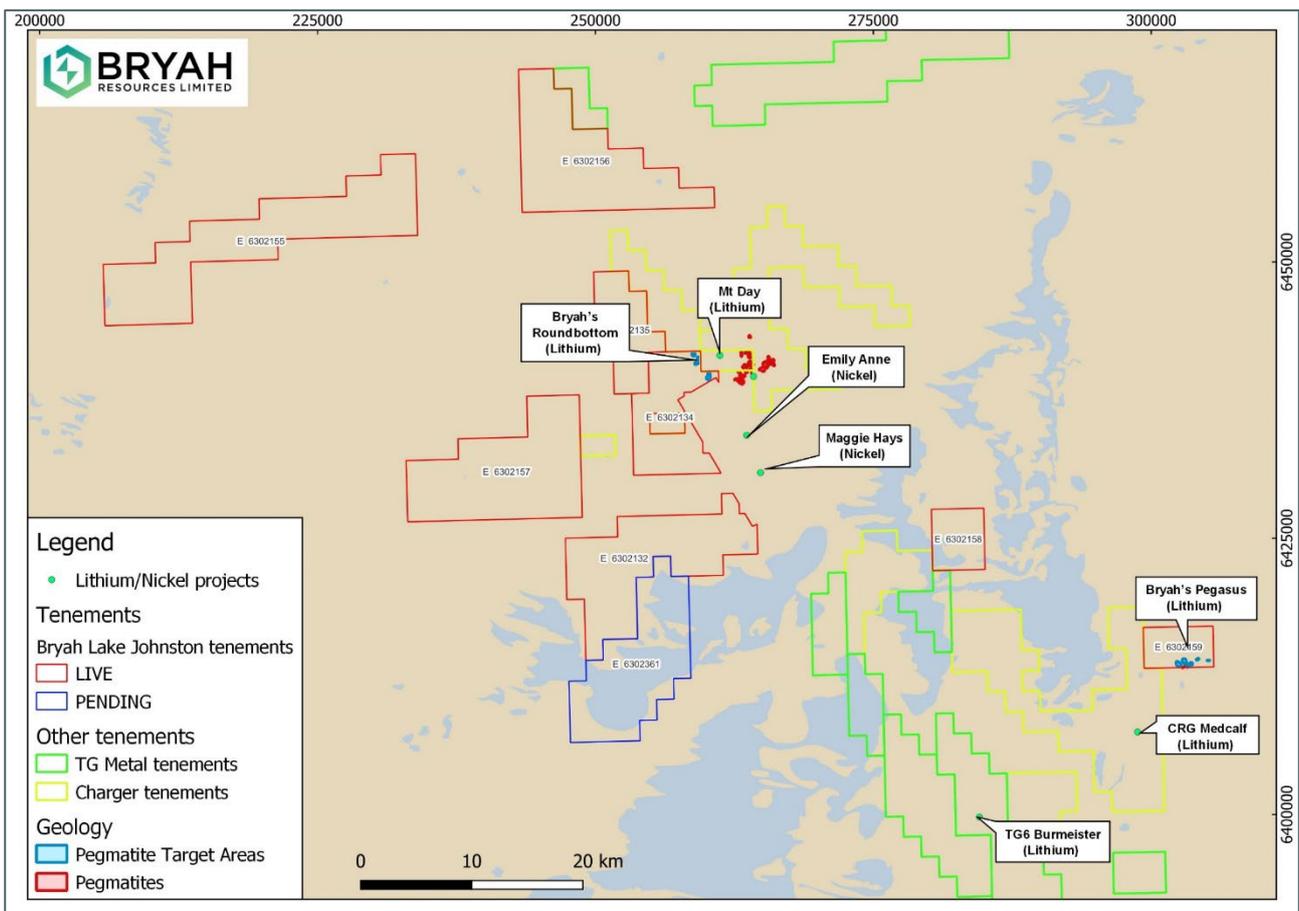


Figure 2 Lake Johnston Tenements with TG Metals and Charger Metals tenements

<sup>1</sup> ASX Announcement ASX: TG6 30 October 2023, High Grade Lithium Intercepted at Lake Johnston

At the Roundbottom prospect the pegmatites have been mapped in an area of generally poor bedrock exposure. The outcrop that could be sampled gave the best results at LJK002 – 403 ppm  $\text{Li}_2\text{O}$ , 774 ppm  $\text{Rb}^2$ .

At the Pegasus prospect, several sub-linear, parallel pegmatites were identified dipping under recent alluvial cover with anomalous pathfinder elements in sample LJK009 – 0.13% Rb, 25.2 ppm Nb, 30.8 ppm Cs, 11.8 ppm Be<sup>Error! Bookmark not defined.</sup>.



Figure 3 Outcropping very coarse pegmatite adjacent to soil sample LJSS009 with distinctive graphic quartz-feldspar texture.

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<sup>2</sup> ASX Announcement 31 August 2023, Assays Confirm Lithium Pegmatite Prospectivity-Lake Johnston

## Bryah Basin VMS Copper Targets

The Down-Hole Electro Magnetic (DHEM) surveys on deep diamond drill holes at Windalah<sup>3</sup> were completed at the end of October. The program consisted of down hole surveys of the Windalah and Olympus drill holes as well as two dipole – dipole Induced Polarisation lines across the Olympus geochemical anomaly. The DHEM surveys will look for a conductor from 250 – 550 metres depth in the target zone.

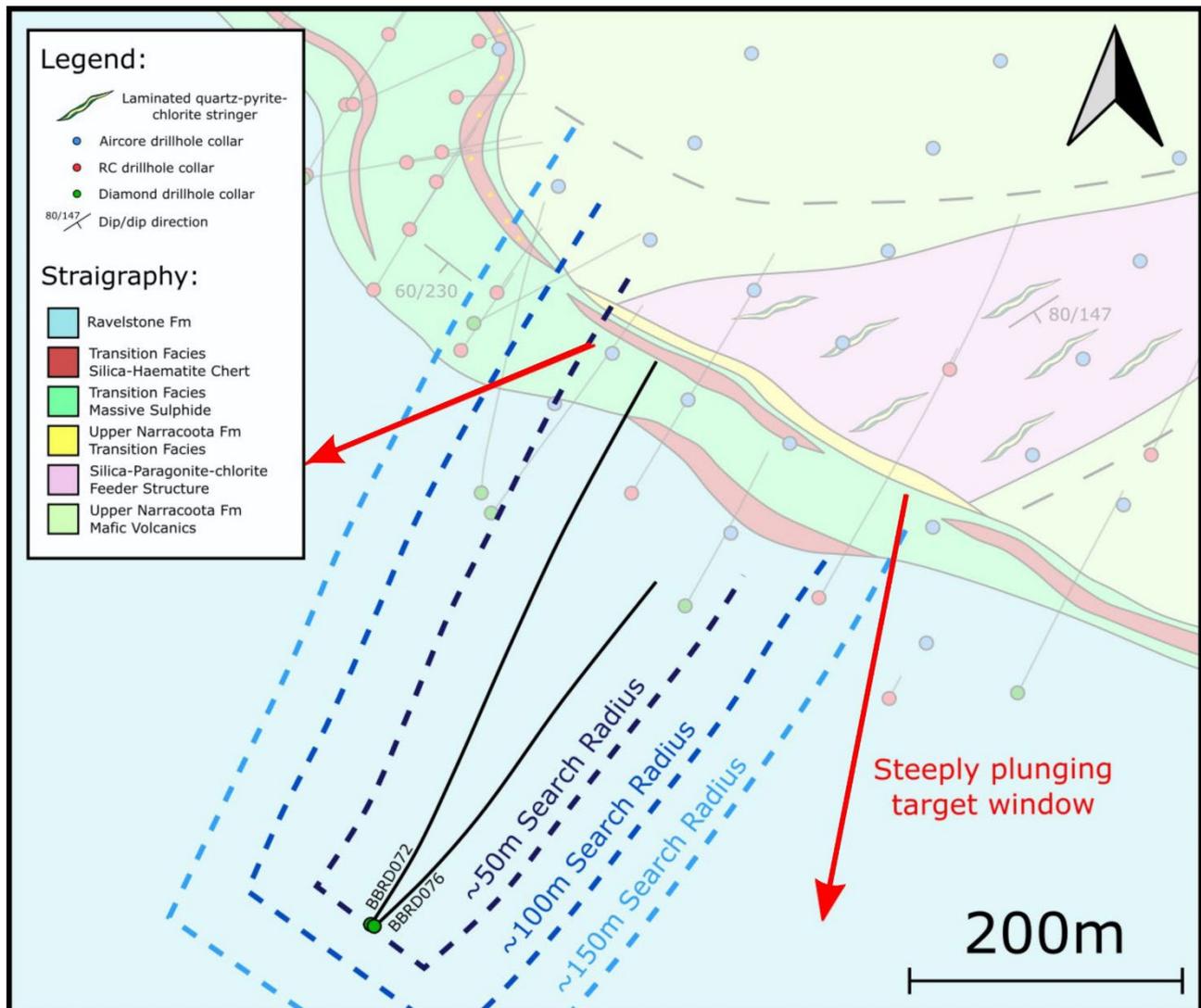


Figure 4 Search Radius around Windalah Deep Diamond holes in the search for a conductor

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.

<sup>3</sup> ASX announcement dated 19<sup>th</sup> May 2023 Windalah Copper-Gold Prospect Diamond Drilling Results

## 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 1,048km<sup>2</sup> 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 ~\$300m. 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, Co<sup>2</sup> and additional structural gold potential. The copper nickel resource and 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 14.73% of gold focused Star Minerals (ASX:SMS). Star has a Mineral Resource at Tumblegum South and exploration prospects in the West Bryah Basin.

## 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 announcement that relates to Exploration Results is based on information compiled by Mr Tony Standish, who is a Member of the Australian Institute of Geoscientists. Mr Standish is a consultant to Bryah Resources Limited ("the Company"). Tony Standish 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'. Tony Standish 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.

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