

## EXPANDED LITHIUM TARGET AREA IDENTIFIED AT TALGA

### Highlights

- **CSA Global technical review of the Talga Lithium project identifies >100km<sup>2</sup> of previously unrecognised target zone for lithium – caesium – tantalum (LCT) pegmatites**
- **Anomalous lithium values from soil sampling program at Talga continues to support prospectivity.**
- **Gold assays up to 5.45g/t recorded in soils at Talga, identifying a 400m x 40m anomalous zone adjacent to Razorback gold prospect.**
- **Progressing Talga project heritage agreement with traditional owners.**

Octava Minerals Ltd (ASX:OCT) (“Octava” or the “Company”), a Western Australia focused explorer of the new energy metals Lithium, Nickel, PGM’s and gold, is pleased to provide an update on exploration at its Talga lithium and gold project in the Pilbara. The Talga Project (202km<sup>2</sup>) is located 30km to the north of Marble Bar.

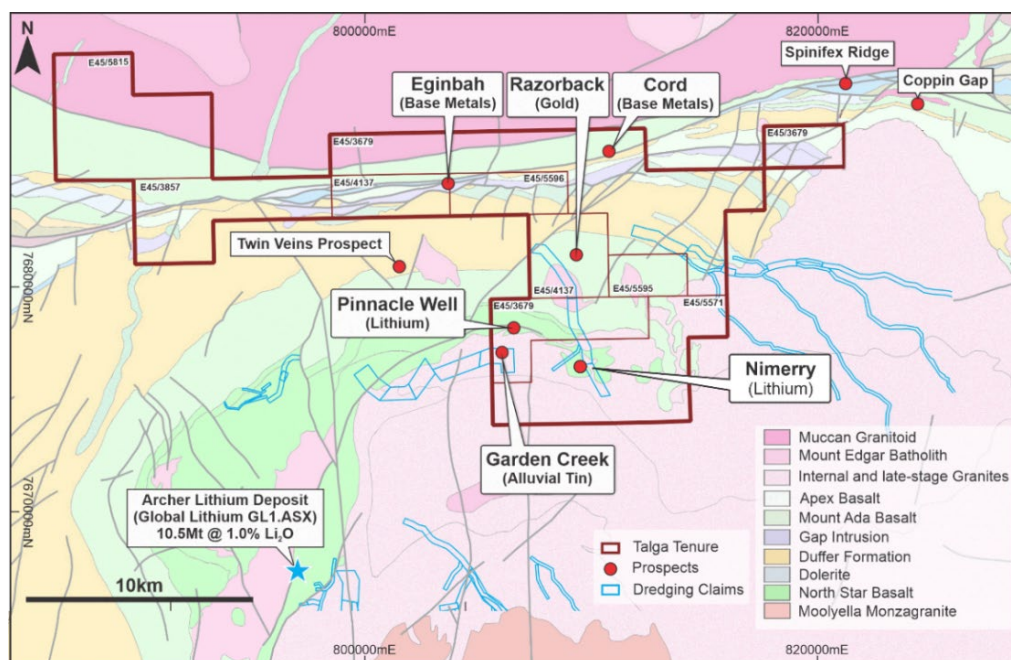


Figure 1. Talga geology and location map.

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#### Board Members

Clayton Dodd – Chairman  
Damon O’Meara – Non – Executive Director  
Feiyu Qi – Non – Executive Director  
Bevan Wakelam – Managing Director / CEO

#### Projects

East Pilbara (Talga) – lithium & gold  
East Kimberley – nickel & PGM’s  
Yallalong – gold & nickel

The Talga project holds the potential for the identification and discovery of LCT type (lithium-caesium-tantalum) pegmatites and lies 10km to the north of the Archer Lithium Deposit (18Mt @ 1% Li<sub>2</sub>O) (ASX:GL1). Talga is also highly prospective for the discovery of intrusion related gold deposits, hosting the same mineralised Archean greenstone stratigraphy and structure as the nearby Warrawoona gold discovery made by Calidus Resources Limited (ASX:CAI) 40km to the south.

### CSA Global Review

Octava has taken a systematic approach to exploration for lithium at Talga, including geological mapping, rock chip and soil sample programs, hyperspectral analysis and RC drilling. To ensure the best possible prospects for exploration success, Octava engaged CSA Global to conduct an independent technical review of the Talga lithium project work to date, including all available data and the exploration approach. CSA reviewed all Octava's previously announced drilling, rock chip and historic results.

CSA Global have extensive experience in lithium pegmatite exploration in the Pilbara region, including identification of the Archer Lithium Deposit (ASX:GL1).

The key findings from the CSA technical review were as follows:

- The likely source of the pegmatites at Pinnacle Well and Nimerry prospects at Talga is the Munganbrina Monzogranite, a recently recognised unit within the Mt Edgar Batholith and not the Moolyella Monzogranite further to the south, as previously thought. This conclusion is based on and supported by the elevated Li, Rb and Cs geochemical values in the rock chip data from the nearby pegmatites and adjacent wall rocks and the soil data covering portions of the Munganbrina Monzogranite.

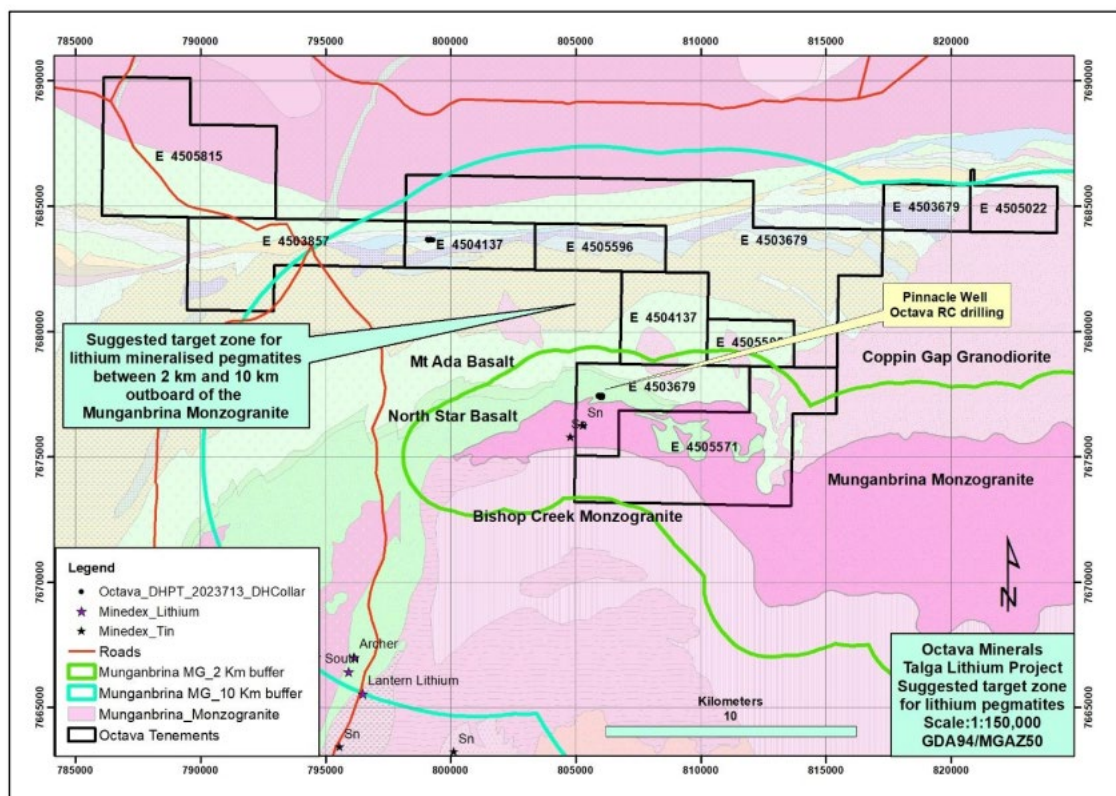


Figure 2. Talga regional geology and suggested target zone for mineralised pegmatites.

- Portable X-ray fluorescence (pXRF) results from blocky K-feldspar sampled in pegmatites at the Nimerry prospect for fractionation data indicates the pegmatites are likely part of a fractionated LCT pegmatite group. Also the Rb content in the K-feldspars sampled show increases in the degree of fractionation moving away from the Munganbrina Monzogranite which supports the conclusion that exploration needs to be focused some 2-8km from the Munganbrina Monzogranite, within the greenstone belt, where higher accumulations of lithium would be expected. See Figure 2 above.

LCT pegmatites can be emplaced up to 10 km from their source granite and these outer pegmatites are typically the most evolved and contain the greatest concentrations of the Li, Rb and Cs. The report findings identify >100km<sup>2</sup> of previously unrecognised target zone for lithium – caesium – tantalum (LCT) pegmatites within the east-west striking greenstones to the north of the Mt Edgar Batholith. Octava has taken on board the review findings and commenced exploration targeting in the new prospective lithium zone identified from the technical review.

(refer relevant ASX releases in the Competent Person Statement)

### ***Soil Sampling at Talga Lithium***

The recently completed soil sampling program at Talga has recorded a significant number of anomalous lithium assays creating a lithium zone approximately 1000m in length.

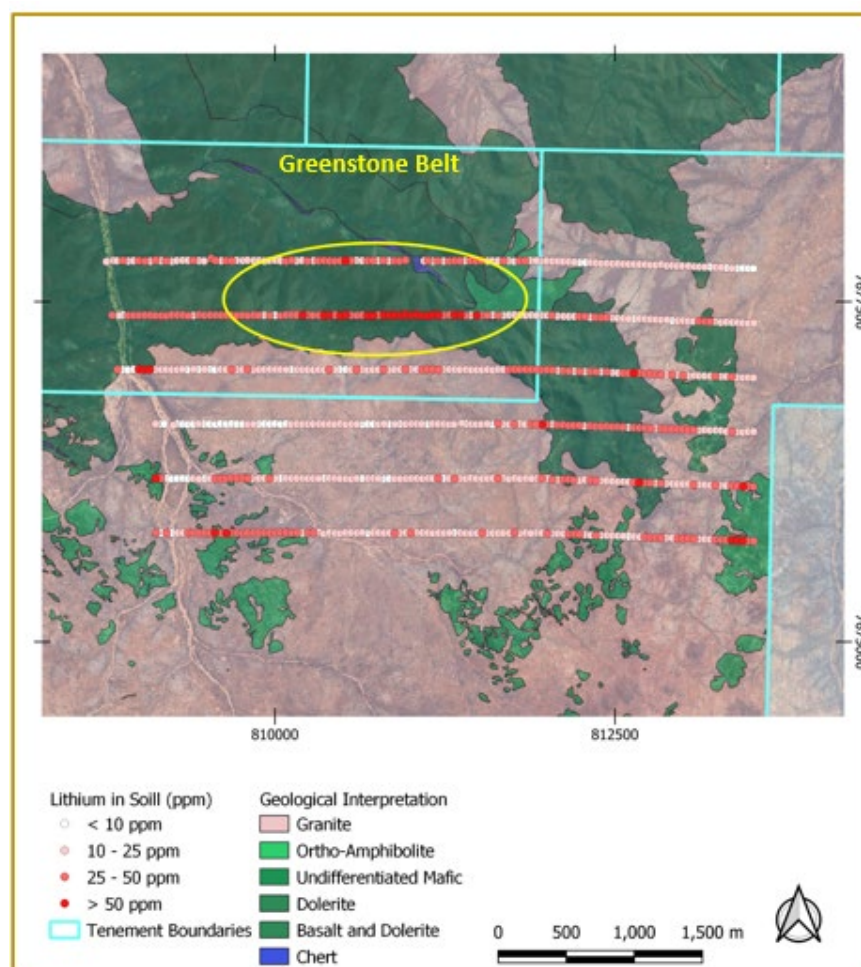


Figure 3. Lithium results from Talga Soil Sampling Program in the Nimerry region.



In addition, key indicators of pegmatite fertility include K/Rb ratio < 150, Nb/Ta ratio < 5 and Zr/Hf ratio < 18, with a significant number of samples collected exhibiting these positive characteristics, continuing to indicate a higher degree of fractionation moving away from the Munganbrina Monzogranite within pegmatites intruded into foliated mafic greenstones.

### ***Soil Sampling at Talga Gold***

The Razorback gold prospect at Talga has recorded a number of significant gold intersections in previous drilling, but has only been drill tested over a distance of 700m, whereas there is an interpreted strike of the mapped siliceous chert unit of about 4km.

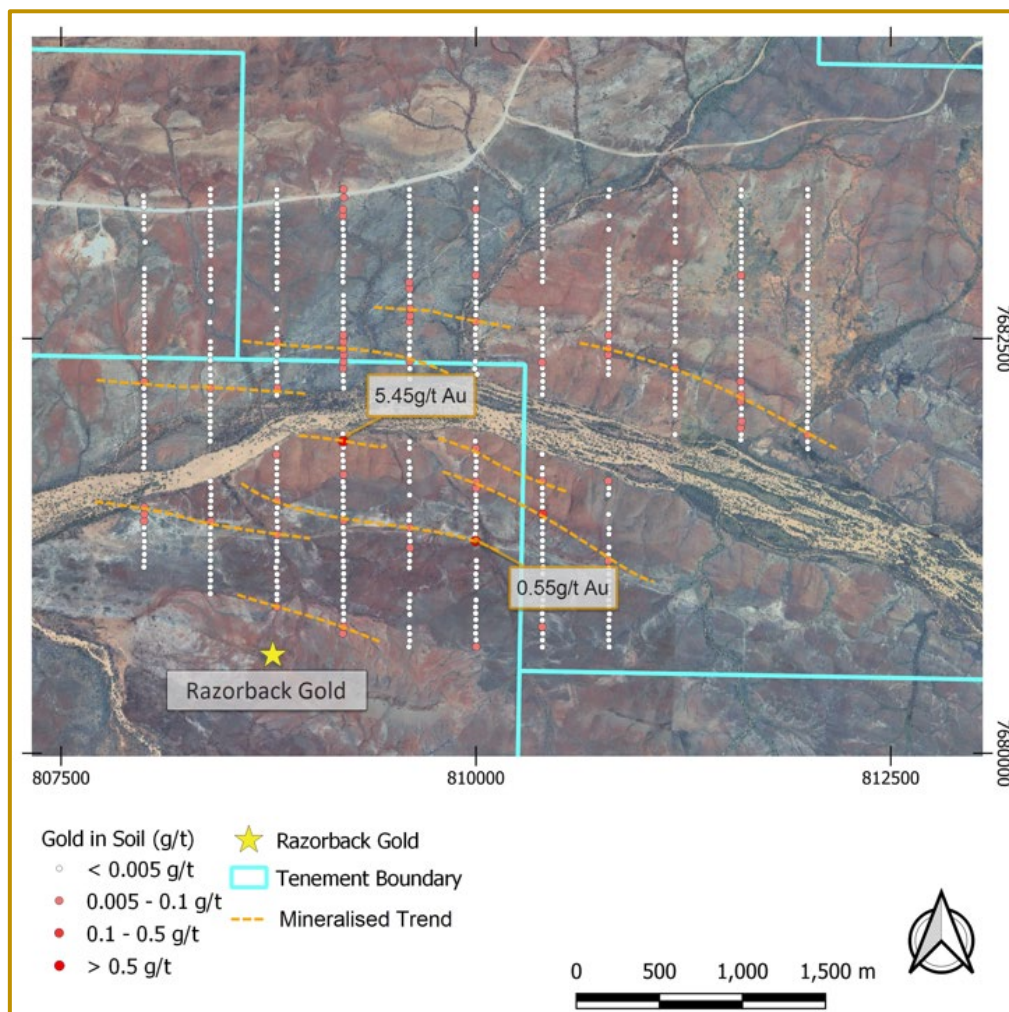


Figure 4. Results from Talga soil sampling to the north of the Razorback Gold prospect

The recent soil sampling program to the north of Razorback, where prospectors have historically reported gold at surface, recorded a maximum gold value of 5.45g/t Au, with other anomalous Au values of 0.55g/t and 0.17g/t in the vicinity. These results have identified a significant anomalous target area that requires follow up work.

Octava is currently in the final stages of negotiating a heritage agreement with the traditional landowners the Nyamal. On successful conclusion the next stages in the exploration program will commence.

This announcement has been authorised for release by the board.

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### **About Octava Minerals Ltd**

Octava Minerals Limited (ASX:OCT) is a Western Australian based green energy metals exploration and development company. The Company has 3 strategically located projects in geographically proven discovery areas, with the key project being the East Pilbara (Talga) lithium project.

### **Competent Person Statement**

The information in this report that relates to Exploration Results and from the CSA Technical Review is based on information compiled by Lyndal Money, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy. Ms. Money is a full-time employee of Octava Minerals Limited, who has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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. Ms. Money consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

Where the Company references exploration results previously released it confirms it is not aware of any new information or data that materially effects the information included in the relevant market announcement. The form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

### **Previously Released ASX Material References**

For further details relating to information in this announcement please refer to the following ASX announcements:

ASX: OCT 29 Nov2022

ASX: OCT 15 February 2023

ASX: OCT 17 May 2023

ASX: OCT 21 July 2023

ASX: OCT 1 August 2023

### **Forward looking Statements**

This announcement includes certain "forward looking statements". All statements, other than statements of historical fact, are forward looking statements that involve risks and uncertainties. There can be no assurances that such statements will prove accurate, and actual results and future events could differ materially from those anticipated in such statements. Such information contained herein represents management's best judgement as of the date hereof based on information currently available. The Company does not assume any obligation to update forward looking statements.

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