



ASX Release  
28 March 2023

## INVESTOR PRESENTATION – MINING INVESTMENT HONG KONG

Octava Minerals Ltd [ASX:OCT] (“**Octava**” or the “**Company**”) is pleased to attach an updated Investor Presentation provided at the 121 Mining Investment Conference in Hong Kong.

This announcement has been authorised for release by Mark Pitts the Company Secretary on behalf of 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.



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#### Board Members

Clayton Dodd – Chairman

Damon O’Meara – Non – Executive Director

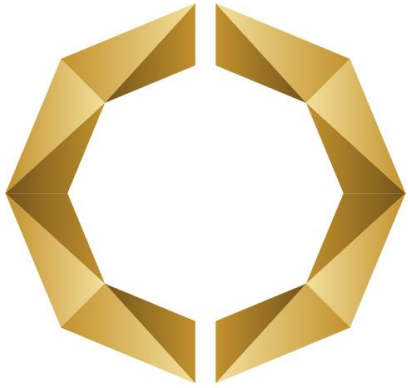
Bevan Wakelam – Managing Director / CEO

#### Projects

East Pilbara (Talga) – lithium & gold

East Kimberley – nickel & PGM’s

Yallalong – gold & nickel



# **OCTAVA MINERALS LIMITED**

New Energy Metals of Lithium, Nickel, PGM's and Gold

## **INVESTOR PRESENTATION**



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In accordance with ASX Listing Rule 5.23.2, the Company confirms in this subsequent public report that it is not aware of any new information or data that materially affects the information included in any prior market announcements and that the form and context of the respective competent persons' findings in relation to those reports have not been materially modified from the original market announcements. For the purposes of ASX Listing Rules 5.23.1, the relevant Company announcements which refer to these exploration results are:

- "Prospectus and Supplementary Prospectus", released 14 September 2022, which included a competent person's statement from Bryan Bourke; and
- "Lithium Targets Enhanced At Talga Lithium Project", released 10 November 2022, which includes a competent person's statement from Simon Atwell."

# 3 HIGH QUALITY PROJECT LOCATIONS

## Significant anomalies strategically located in “Tier 1” exploration regions

### Talga Lithium Project

- Pinnacle Well and Nimerry lithium prospects lie ~10km to the north of the **Global Lithium (ASX: GL1)** Archer Lithium deposit (18Mt @ 1.0% Li<sub>2</sub>O<sup>1</sup>).
- Confirmed lithium mineralisation at both Pinnacle Well and Nimerry with no prior drill testing.

### Talga Gold Project

- Talga Razorback gold prospect is located in the same greenstone stratigraphy & structures as the nearby Warrawoona gold mine (1.5Moz<sup>2</sup>) **Calidus (ASX: CAI)** and the Bamboo Creek gold deposits

### Yallalong Project

100% (63km<sup>2</sup>)

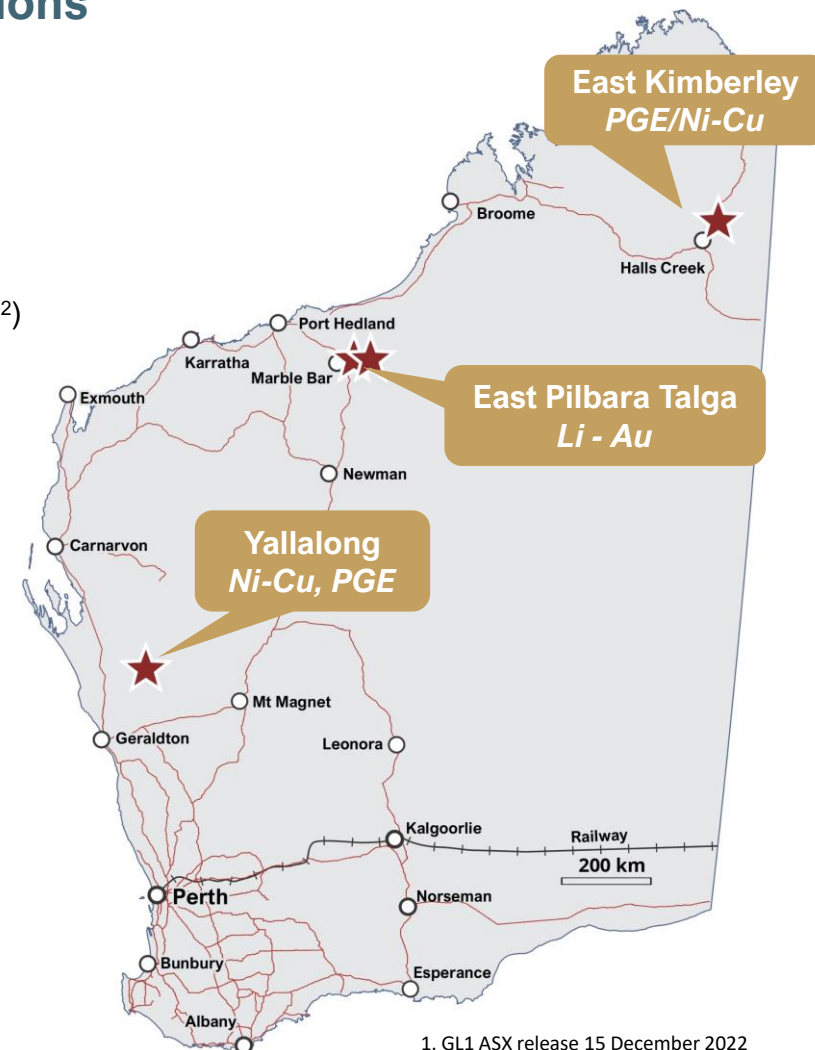
- Prospective holding in the new exploration frontier for **Ni-Cu-PGM & REE** along the western edge of the Yilgarn craton.

### East Kimberley Project

100% (32km<sup>2</sup>)

- Leases adjoining the Panton PGM-Ni Project Resource (5.0Moz PGM<sub>3</sub>E<sup>3</sup>) along strike held by **Future Metals (ASX: FME)** as well as the former Copernicus Nickel mine.

80%\* (211km<sup>2</sup>)



\* Earning up to 80% in FAU Talga tenements

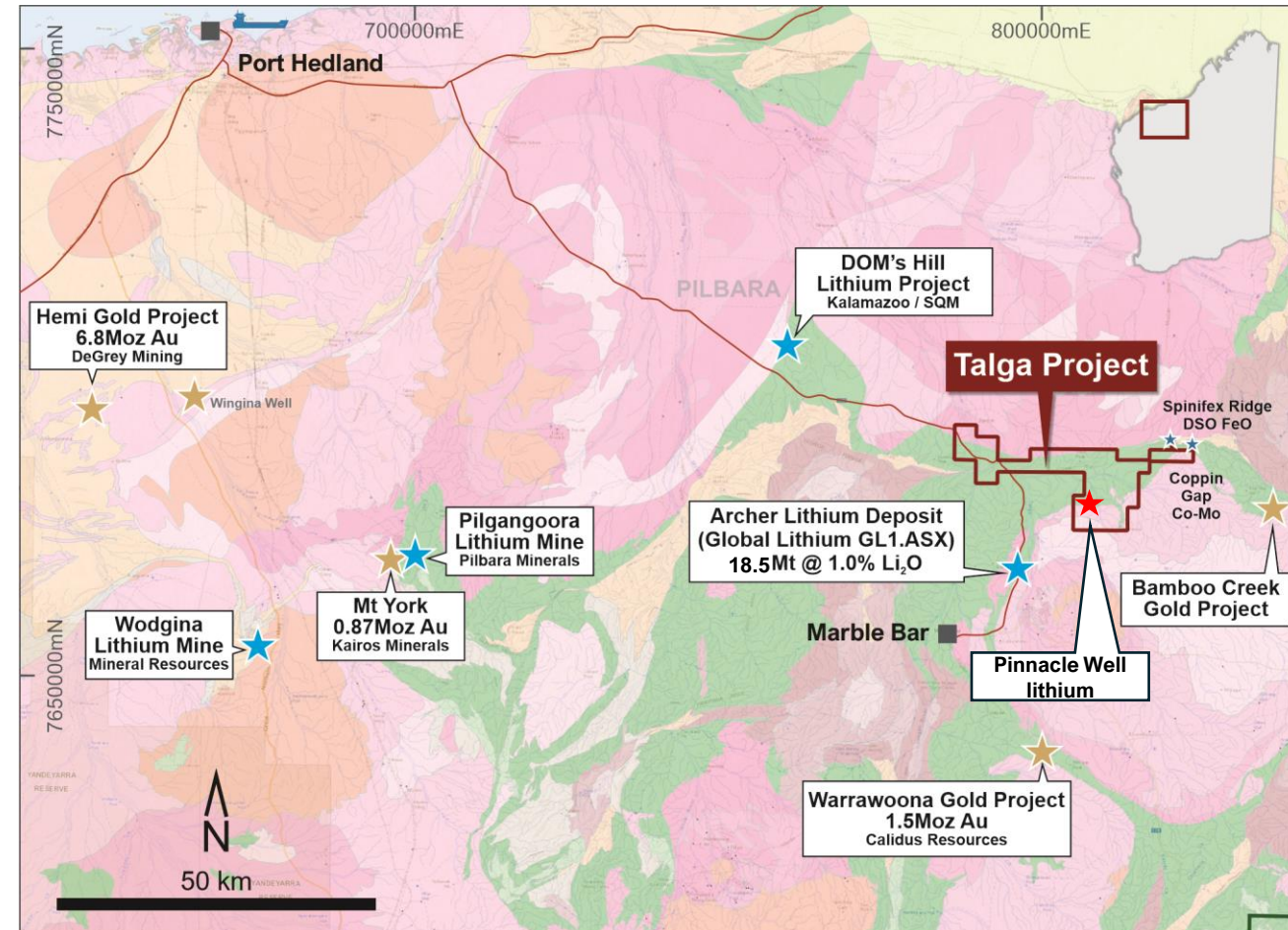


# PILBARA – A WORLD CLASS LITHIUM REGION



## Talga has a premier location in a world class hard rock lithium discovery region

- Global Lithium Resources (ASX:GL1) Archer Deposit (18Mt @ 1.0%  $\text{Li}_2\text{O}^1$ ) 10km to the south – geology analogous to Talga.
- Pilbara Minerals (ASX:PLS) Pilgangoora Lithium Mine (309Mt @ 1.14%  $\text{Li}_2\text{O}^2$ ) ~100km west – geology analogous to Talga.
- Albermarle / Minerals Resources (ASX:MRS) Wodgina Lithium Mine (259Mt @ 1.17%  $\text{Li}_2\text{O}^3$ ) ~120km west – geology analogous to Talga.
- The **Talga lithium project** has ~20km of granite-greenstone contact zones which are prospective for LCT (lithium – cesium – tantalum) mineralisation with new targets being added.



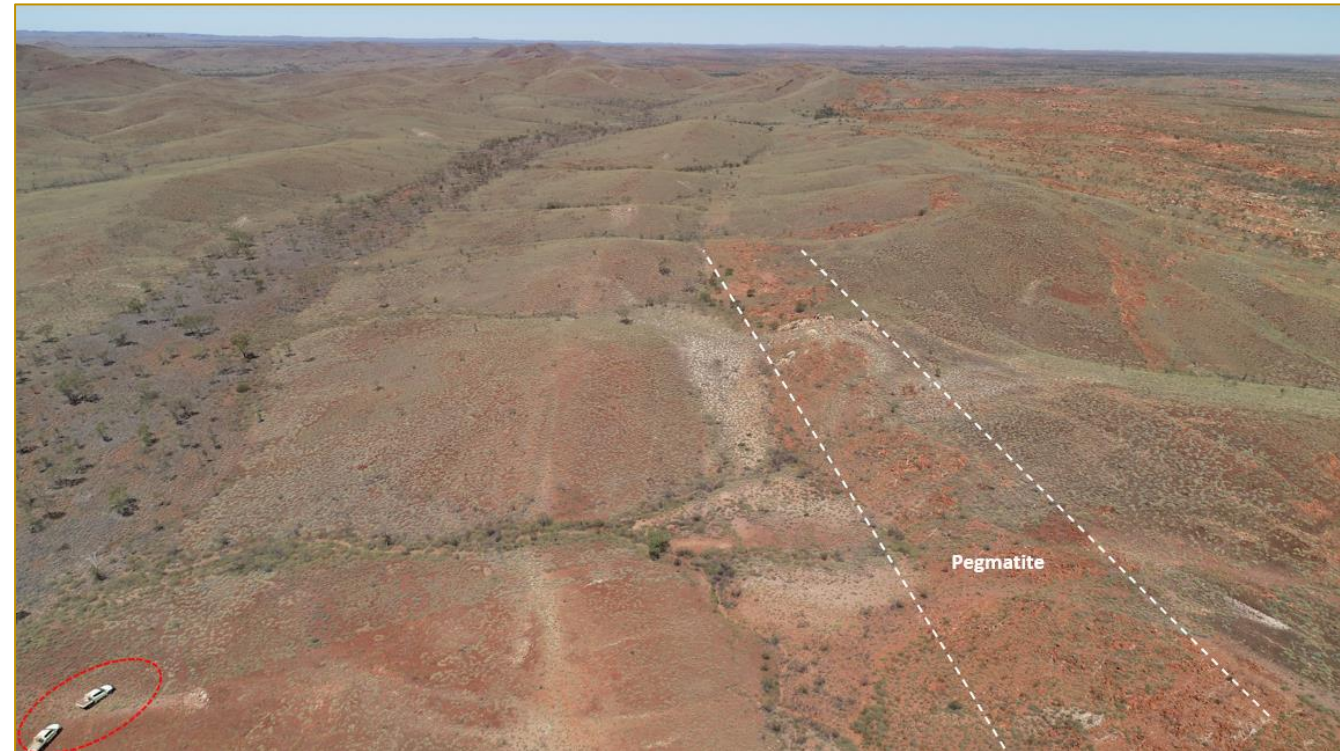
Lithium mineralisation has previously been recorded in pegmatite at the Talga project but much of the tenure remains effectively unexplored for lithium.

1. GL1 ASX release 15 December 2022  
2. PLS Material Increase in Ore Reserve 6 September 2021  
3. MIN Announcement 23 October 2018

# LARGE PEGMATITE IDENTIFIED AT PINNACLE WELL

## Pinnacle Well Lithium Prospect

- Previous exploration identified pegmatite at the Pinnacle Well lithium prospect where a rock chip sample returned an anomalous lithium assay of 0.22%  $\text{Li}_2\text{O}^1$ .
- The **Pinnacle Well lithium** prospect lies within the Talga Project area, only **~10km** to the northeast of the Archer Lithium Deposit (18Mt @ 1.0%  $\text{Li}_2\text{O}^2$ ) with similar geology.
- Field reconnaissance has confirmed a large pegmatite outcrop at Pinnacle Well where lithium mineralisation has been previously recorded.
- In addition, there were multiple newly identified pegmatites observed which include northwest striking pegmatite with visible lithium minerals.
- These pegmatites appear to be part of much larger linear structures identified from remote sensing work and can be kilometers in length.

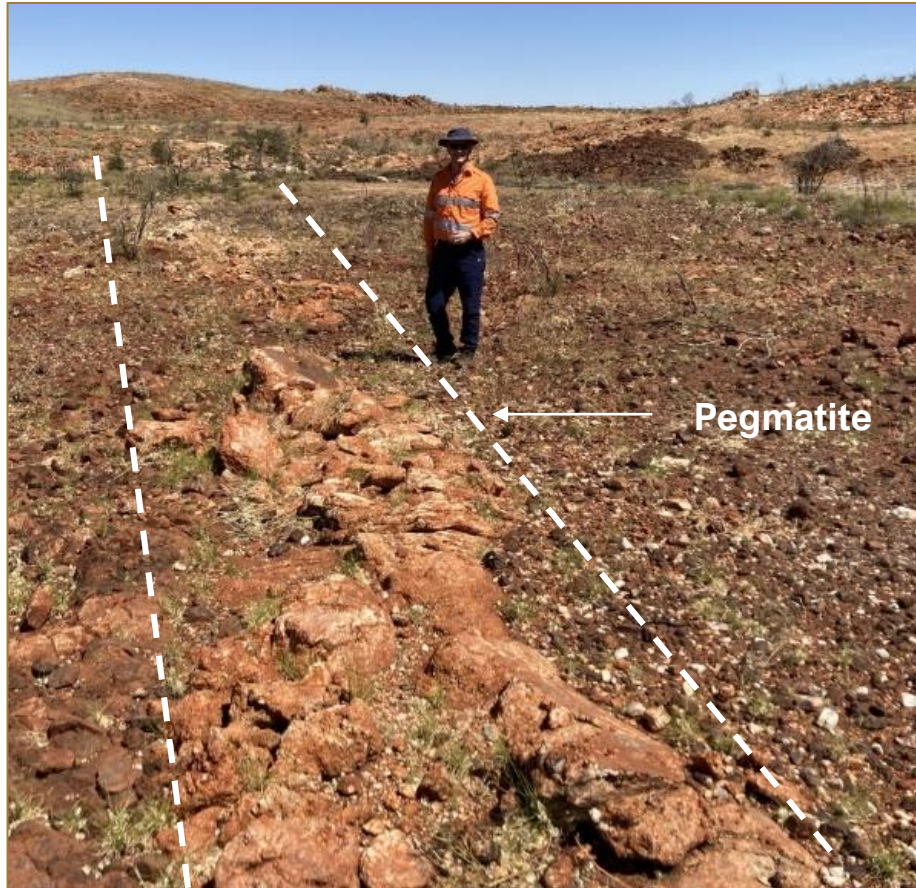


Pegmatite outcrop at Pinnacle Well, looking east

1. See pp 107-113 of the Independent Geologists Report contained in OCT's IPO Prospectus  
2. GL1 ASX release 15 December 2022



# PINNACLE WELL – MULTIPLE PEGMATITES IDENTIFIED



**NW trending pegmatites identified during field reconnaissance at Pinnacle Well.**



# NEW LITHIUM PROSPECT IDENTIFIED AT NIMERRY

## Nimerry Lithium Prospect

- Field reconnaissance has identified a new lithium prospect at Talga named Nimerry Prospect<sup>1</sup>, located 3km east of the Pinnacle Well lithium Prospect.
- Multiple pegmatites have been identified at Nimerry in a granite -greenstone contact area, which is an important target geology used in the discovery of lithium mineralised pegmatites in the Pilbara.
- The Nimerry pegmatite outcrops varied in size, with the largest identified being approximately 30m in width and over 60m in length.
- The pegmatites have been sampled and sent to the laboratory for analysis, with results expected shortly.



1. See OCT ASX release 15 February 2023.



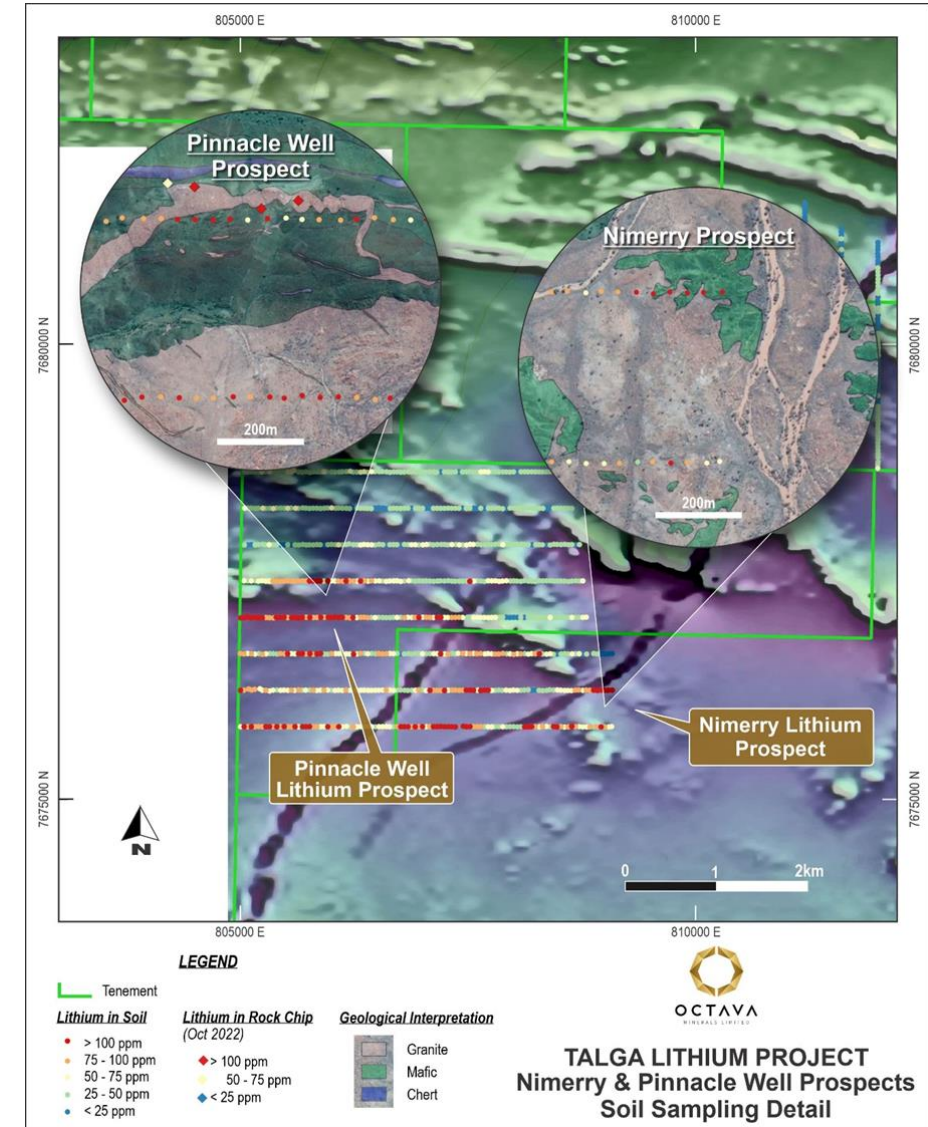
# SOIL SAMPLING CONFIRMS TALGA LITHIUM POTENTIAL



## Talga Soil Sampling program

- Assay results of an initial soil sampling program (2001 samples) and rock chip sampling (39 samples) confirm the lithium prospectivity at Talga.<sup>1</sup>
- A significant number of assay results were in excess of 100ppm lithium with a maximum value of 203ppm lithium
- This includes the large 1.5km<sup>2</sup> lithium anomaly previously identified at Pinnacle Well via pXRF Li analysis of the soil samples.<sup>2</sup>
- Considering the mobility of lithium in the weathered environment, these results are highly encouraging
- Multiple pegmatites have now been identified in the field at Pinnacle Well and Nimerry prospects.
- Octava is conducting a systematic exploration program to identify and prioritise targets for an extensive drill program to commence at the conclusion of the current wet season.

1. See OCT ASX release 15 February 2023  
2. See OCT ASX release 10 November 2022



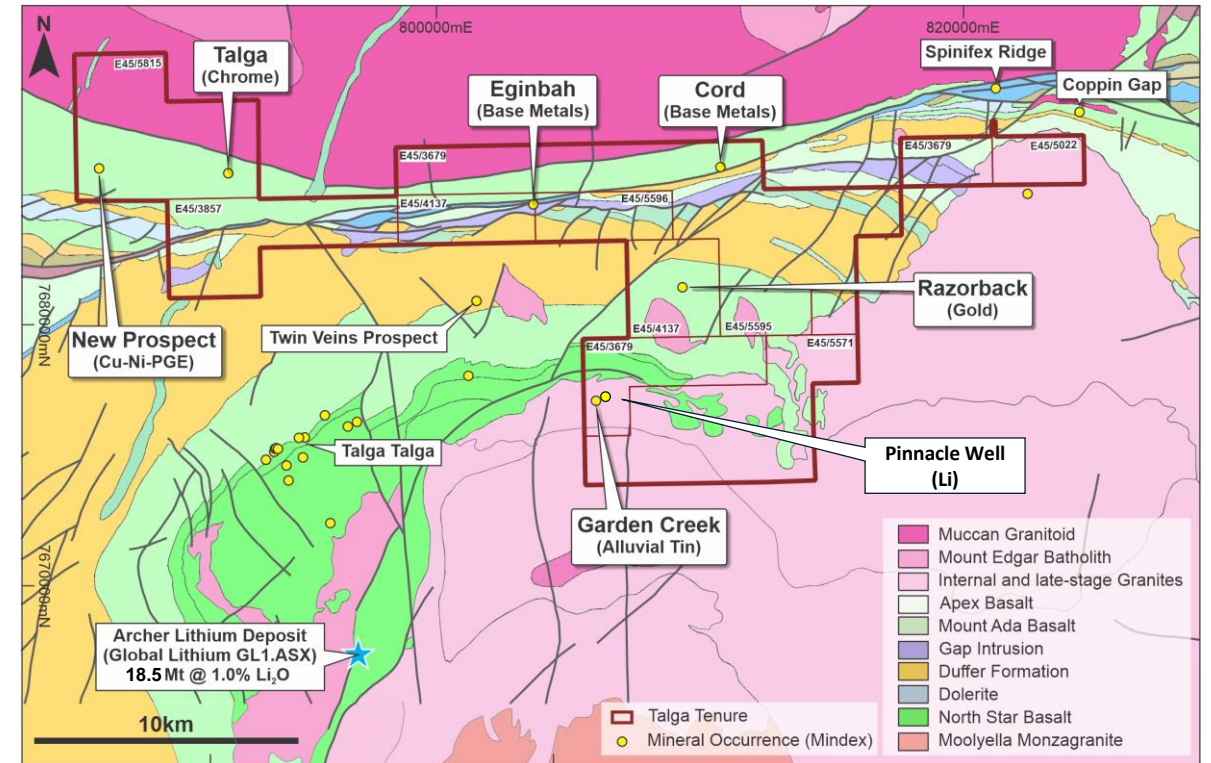
# TALGA GOLD PROJECT



## Proven gold discovery region

### Talga Razorback Gold Prospect

- Project covers one of the most prospective and mineralised greenstone / granite terranes in the Pilbara.
- 40km south is the Calidus Resources (ASX:CAI) Warrawoona gold mine (**1.5Moz<sup>1</sup>**) and Bamboo Creek gold mine 15km to the east.
- <10km west is the Global Lithium (ASX:GL1) **Twin Veins prospect**, where previous drilling included **12m @ 2.95g/t** from 37m<sup>2</sup>.
- Previous exploration has encountered widespread gold and base metal anomalism, identifying 2 priority prospects: **Razorback** and **Cord**.



Drill ready targets

1. CAI Updated PFS 29 June 2020  
2. GL1 4 August 2021



## Proven gold discovery region

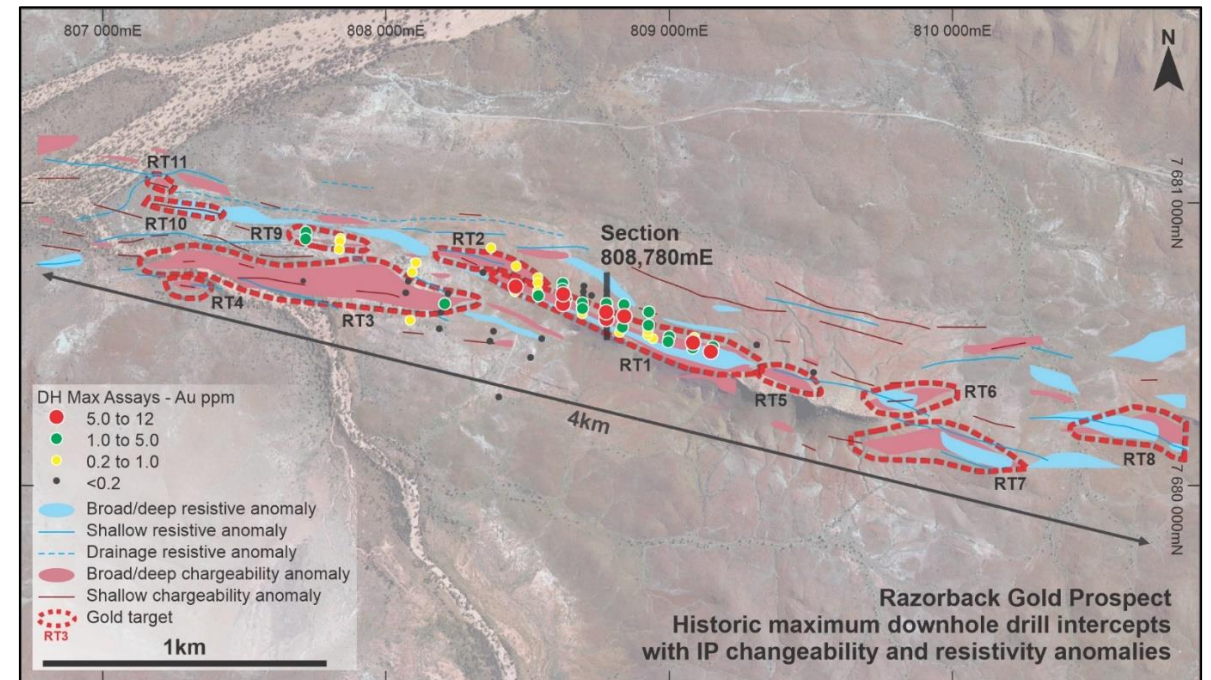
### Razorback

- Drilling at Razorback has intersected gold mineralisation<sup>1</sup>, including:
  - 16m @ 1.99 g/t from 0m
  - 8m @ 1.57g/t from 50m
  - 9m @ 1.12g/t from 62m
- Razorback has only been tested over about 700m of 4km strike.
- Recent IP survey has identified a total of 11 gold targets, including 6 high priority targets<sup>2</sup>.

### Cord

- Previous explorers encountered anomalous massive sulphide horizons, occurring over 14km of strike and only small section has been drill tested.
- Significant intersections include:
  - 16m @ 158ppb Au, 5g/t Ag, 3212ppm Cu, 50ppm Pb, 101ppm Zn from 19m
  - 10m @ 86ppb Au, 6g/t Ag, 6099ppm Cu, 23ppm Pb, 57ppm Zn from 26m<sup>3</sup>

## Significant previous gold intercepts



1. See pp 115-117 of the Independent Geologists Report contained in OCT's IPO Prospectus  
 2. See pp 116-117 of the Independent Geologists Report contained in OCT's IPO Prospectus  
 3. See pp 117-118 of the Independent Geologists Report contained in OCT's IPO Prospectus

# ESTABLISHED LOGISTICS & INFRASTRUCTURE

## In close proximity to Talga



### Marble Bar Town

- +600 people
- Accommodation & supplies
- 30 minutes drive to project site
- airport (upgrading to 100 seat jets)

### Talga Project



### Port Hedland Export Port

- <2 Hrs by sealed Road



Established lithium & gold processing operations close by  
Pilbara Minerals (PLS), Mineral Resources (MRS), Calidus Resources (CAI)



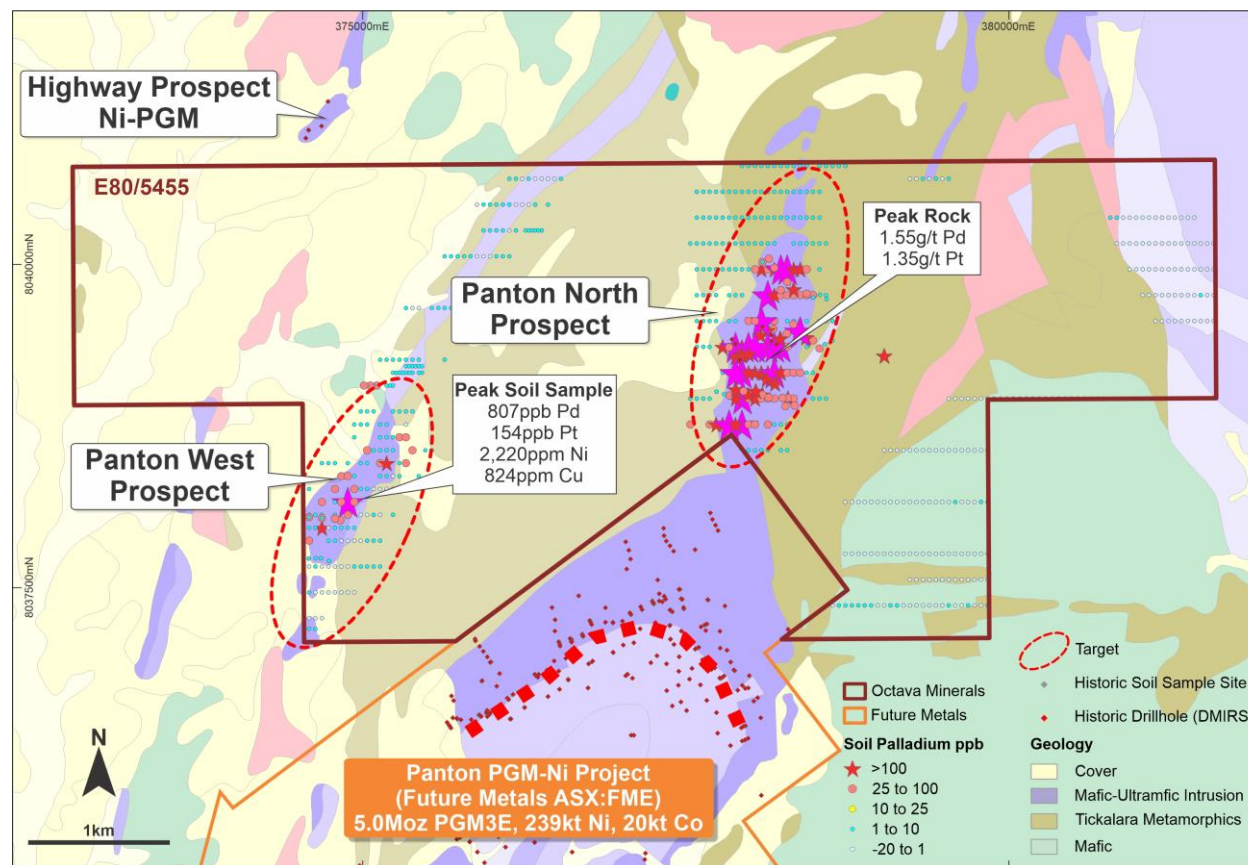


# EAST KIMBERLEY PROJECT

## A proven Ni/PGM resource region

- The Kimberley project comprises two granted tenements, **Panton North** project and **Copernicus North** project located in the Halls Creek Orogen, a Tier 1 nickel sulphide – PGM province.
- Both projects have recorded strong nickel, copper & PGM geochemistry.
- Panton North is located north of the **Panton PGM-Ni Resource** (5.0Moz PGM3E and 239kt Ni and 20kt Co (6.9Moz PdEq<sup>1</sup>) held by Future Metals (ASX:FME) and covers extensions of this same stratigraphy.
- The Panton West prospect area exhibits strong soil and rock chip geochemistry: 807ppb Pd, 154ppb Pt, 2,220ppm Ni and 824ppm Cu)<sup>2</sup> and has not previously been drill tested.
- The Copernicus North tenure is located along strike from the former Copernicus nickel mine and contains a strong nickel and copper geochemical anomaly.

## Recently announced exploration JV with Future Metals<sup>3</sup>



1. FME Independent Resource Estimate 21 June 2022
2. See pp 123-126 of the Independent Geologists Report contained in OCT's IPO Prospectus
3. See Octava (OCT) ASX release dated 17 January 2023

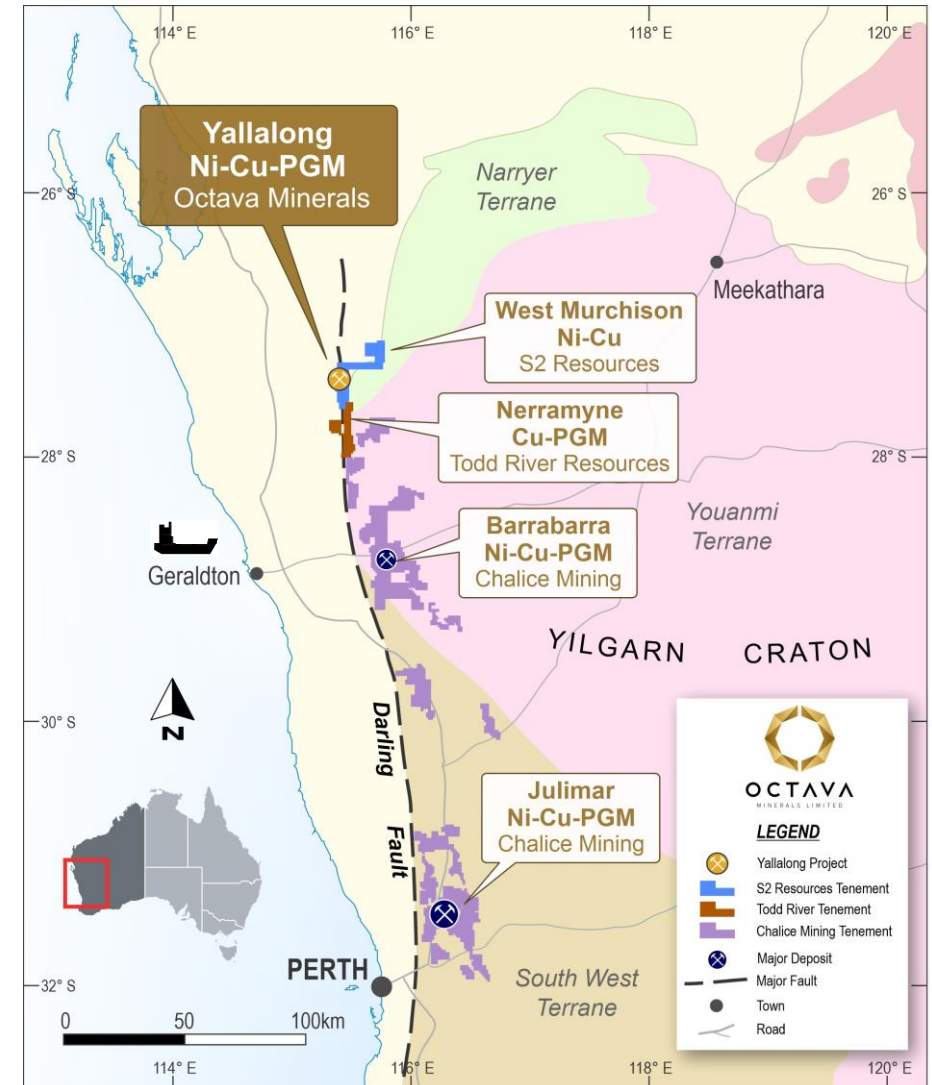
# YALLALONG PROJECT

## Western Yilgarn - A new Ni-Cu PGM exploration opportunity

- The Yallalong project is located ~ 220km to the northeast of the port town of Geraldton with an exploration area of ~ 63km<sup>2</sup>.
- Prospective for gold associated with structures related to the Darling Fault and Ni-Cu-PGM mineralisation related to mafic – ultramafic intrusions.
- Project has a similar setting to the Proterozoic craton edge Ni-Cu-PGM mineralisation, such as the **Chalice Julimar (ASX:CHN)** discovery.
- Early drilling at **S2 Resources' (ASX:S2R)** nearby West Murchison project encountered zones of disseminated sulphides including 1.06% Cu and 0.7% Ni over 1m<sup>1</sup>.
- **Todd River Resources (ASX:TRT)** have recorded anomalous PGM-Cu at their Nerramayne project to the south<sup>2</sup>.

### Recorded significant previous Ni-Cu and PGM geochemistry<sup>3</sup>

1. See S2 Resources (S2R) Investor Presentation released to ASX 22/02/23.
2. See Todd River Resources (TRR) ASX release Quarterly Activities Report dated January 30 2023.
3. See pp 123-126 of the Independent Geologists Report contained in OCT's IPO Prospectus





# YALLALONG PROJECT

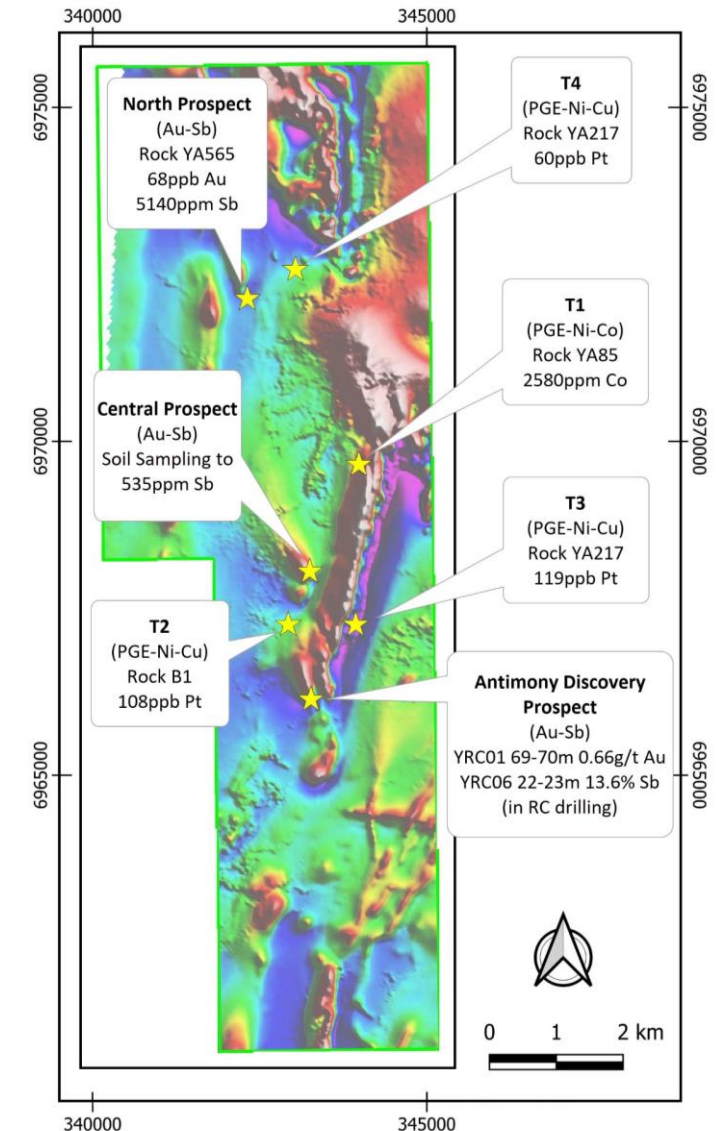
## Western Yilgarn - A new Ni-Cu PGM exploration opportunity

- The mafic intrusions within the project area have not been explored in any detail but have returned significant Ni-Cu and PGM geochemistry<sup>1</sup>.
- A number of highly prospective targets have been identified.
- The Discovery Prospect gold mineralisation is associated with very high antimony (Sb).
- Rock chip sampling assayed **60.1% antimony (Sb)** and **0.28% lead**, **0.14% copper** and **31ppb gold**.

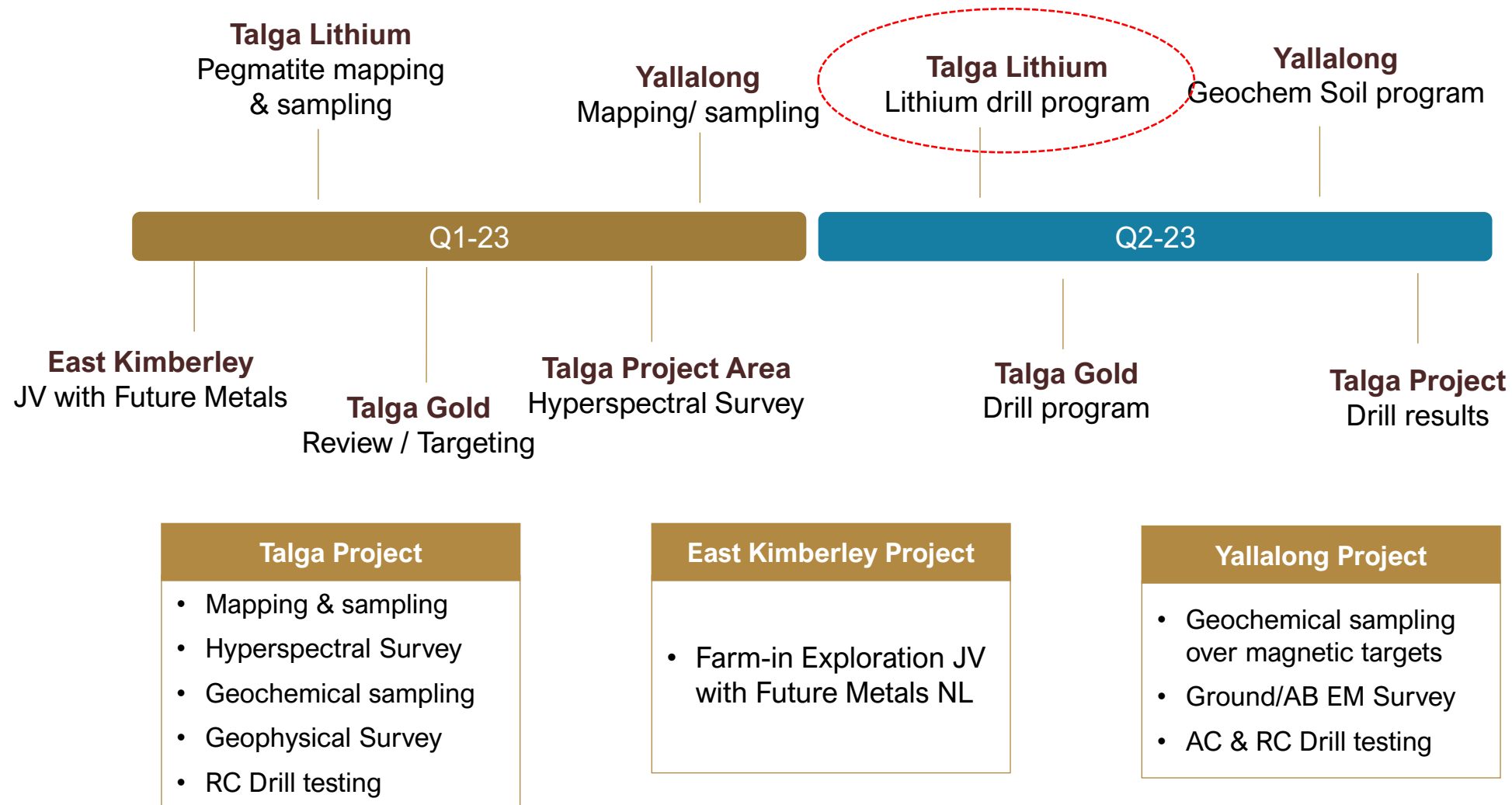
**Yallalong Selected Rock Chip Assay Results (PGM & Base Metals)**

Sample No.	Nickel (ppm)	Copper (ppm)	Cobalt (ppm)	Platinum (ppb)	Palladium (ppb)
YA85	1,150	150	2,850	10	72
YA97	650	250	320	11	4
B3	650	250	920	119	47

**Sampling of priority targets to commence in Q1-23**



# SYSTEMATIC EXPLORATION PROGRAM





# CORPORATE SNAPSHOT



## Shares on Issue and Market Capitalisation

Shares on Issue (ASX:OCT) incl. escrowed shareholdings	46,145,681
Share Price (at 6 March 2023)	A\$0.11
Market Capitalisation	A\$5.1m

## Other Securities

Performance Rights	3,250,000
Unlisted Options	6,131,267

## Other Metrics

Cash as at 1 January 2023	\$4.1m
Debt	Nil

## Octava Board

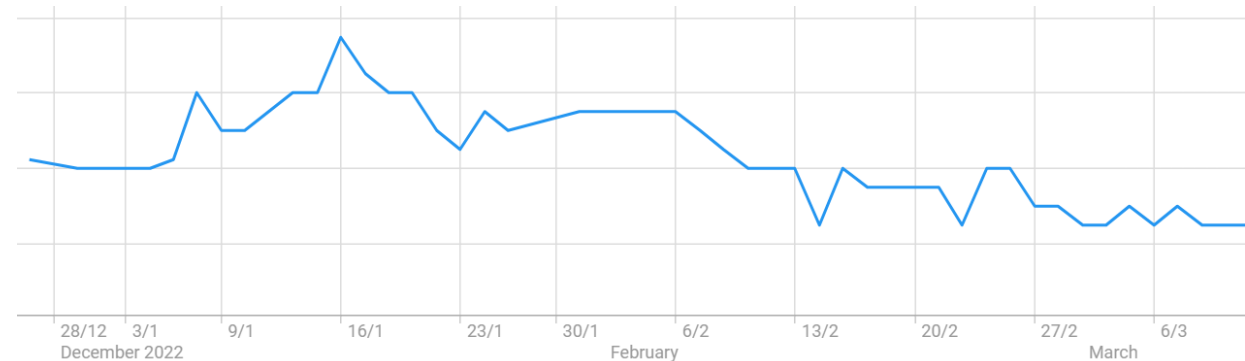
Clayton Dodd	Chairman
Bevan Wakelam	MD / CEO
Damon O'Meara	Non Executive Director

## Top Shareholders

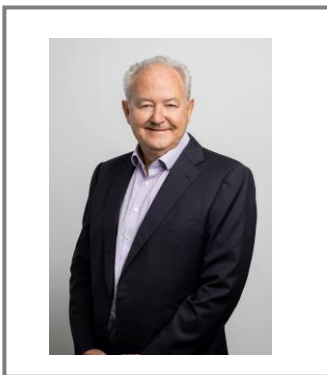
FUYANG MINGJIN NEW ENERGY	15%
SOUTHEAST MINGQING SUPPLY	15%
ATTGOLD PTY LTD	8.1%

**Top 20 Hold 56.6%**

## Share Price Performance

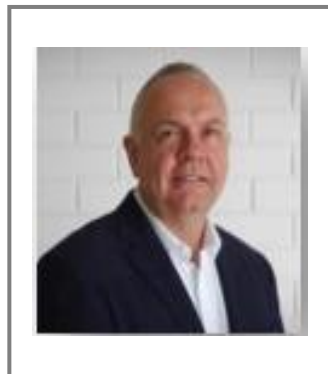


# BOARD AND MANAGEMENT TEAM



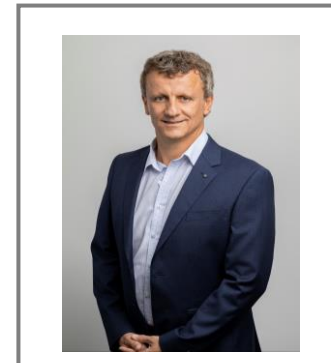
**Mr Clayton Dodd**  
**Non-Executive Chairman**

Mr Clayton Dodd is a chartered accountant with more than 35 years' experience in finance and the resources sector in Australia, South Africa, South America, the UK and North America. He has held directorships in public companies listed on AIM, the ASX, the TSX and the JSE. He was previously Executive Chairman of Podium Minerals Limited (ASX:POD).



**Mr Damon O'Meara**  
**Non-Executive Director**

Over 40 years experience in the mining industry having worked for Denis O'Meara Prospecting, founders of Atlas Iron, Kalamazoo Resources and De Grey Mining, and former ASX-Listed Miralga Mining NL. Co-founder of Outback Trees of Australia which has been contracting to prominent mining groups such as Rio Tinto, BHP & FMG for over 30 years. He is currently is a non-executive director of First Au Limited (ASX:FAU) and Narryer Metals Ltd (ASX:NYM).



**Mr Bevan Wakelam**  
**Managing Director / CEO**

A resource industry executive with over 25 years' experience, holding senior geological and marketing roles across a number of commodities. He spent over 10 years with Rio Tinto and was part of the start-up team at Roy Hill Iron Ore. Bevan has the right blend of technical and corporate experience to lead a dedicated team that will build on an exiting portfolio of tenements. He is also a member of the Australian Institute of Mining and Metallurgy.





Octava Minerals Ltd has high quality projects in proven discovery areas.



These holdings have potential for new energy minerals, such as lithium, gold, nickel and PGM's that have strong market fundamentals.



Key Project: **Talga lithium** is located only 10km from the Archer Lithium resource (18Mt @1.0% Li<sub>2</sub>O ASX:GL1) in similar geology with identified lithium mineralisation.



**Talga lithium** - Assessing a number of lithium pegmatite targets to progress rapidly towards drill testing the most promising areas. No previous drilling for lithium.



Aggressive exploration will lead to strong news flow.

## OCTAVA MINERALS LTD

### Key Contacts

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CEO / MD

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