



OCTAVA MINERALS LIMITED



AGM PRESENTATION

A Western Australian explorer for the new energy minerals of antimony, REE's, lithium and gold.

27 November 2024

ASX Code: OCT
www.octavaminerals.com

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Refer ASX announcements – 14 Sept 2022; 17 Jan 2023; 2 Nov 2023; 24 Jan 2024; 13 Feb 2024; 31 Oct 2024; 19 Nov 2024.

OCTAVA – A DYNAMIC CRITICAL MINERALS EXPLORER



High Quality Projects

Yallalong

100% (130km²)

- A 10km long antimony (Sb) corridor identified with four principal antimony targets: Discovery, Middle, North and No. 4₁. Three are untested.
- Discovery target has recorded some of the highest-grade antimony drill intersections in Australia and is open laterally and at depth. Drilling is underway.

Byro

100%* (798km²)

- Historic GSWA regional soil sampling and RC drilling has identified a >30km long and >15km wide area of REE, Li & base metals mineralisation₂.
- Potential opportunity for a large-scale, low-cost mining operation capable of supplying the critical minerals for many years with reduced environmental impact.

East Pilbara (Talga)

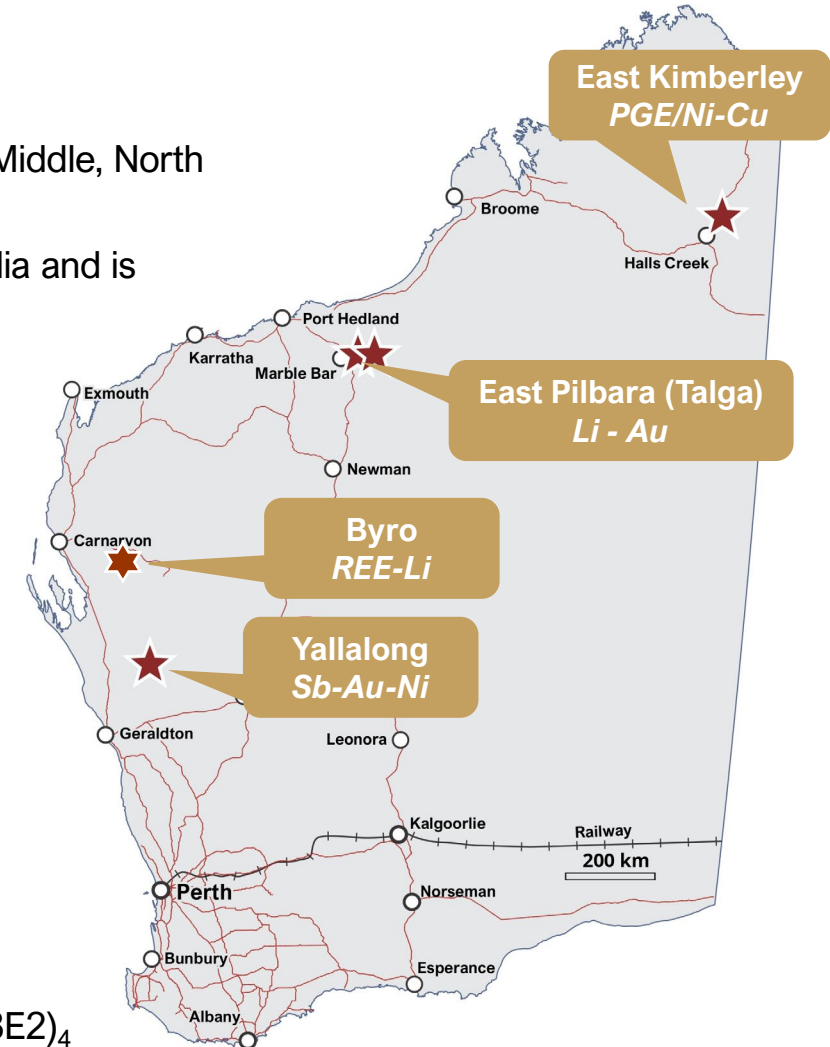
100% (202km²)

- Potential for LCT pegmatites, located only 10km north of the Archer Lithium Deposit (18Mt @ 1% Li₂O held by Global Lithium Resources (ASX:GL1)₃.
- Highly prospective greenstone terrane with opportunity for gold discovery.

East Kimberley

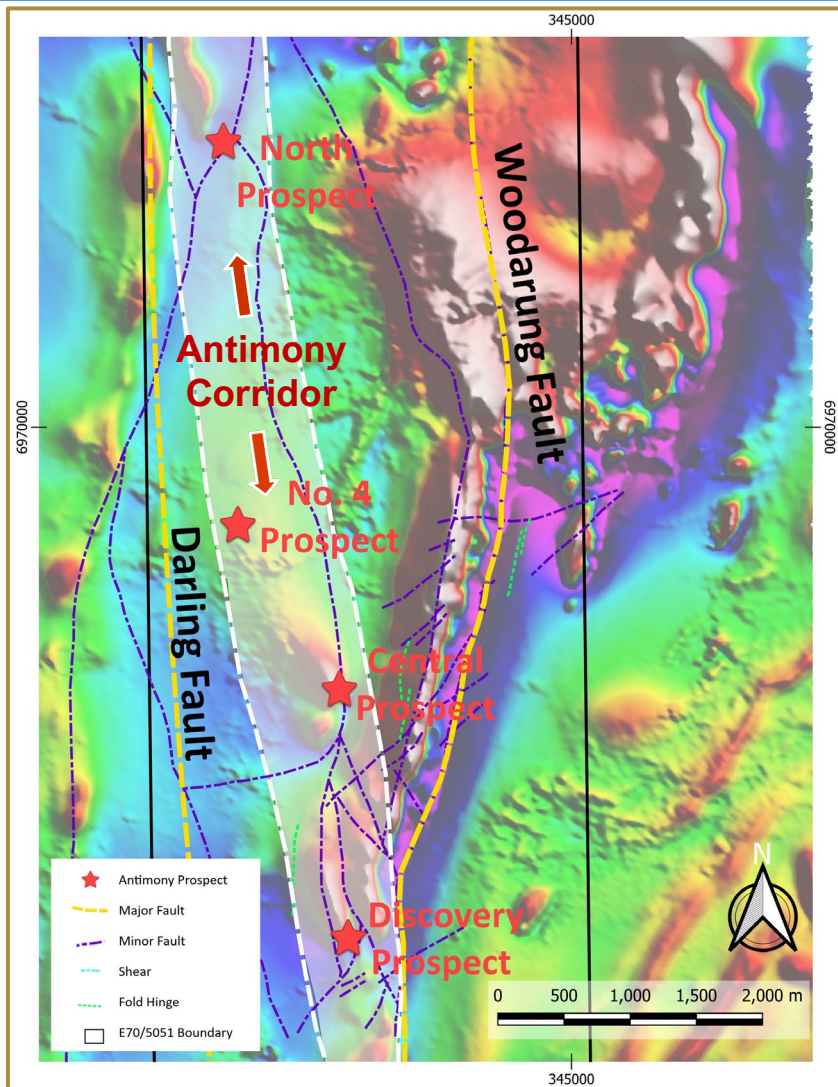
100% (32km²)

- JV Farm-in with Future Metals (ASX:FME), owners of Panton PGM-Ni Resource (5.0Moz PGM3E2)₄



*Octava Minerals has entered into a binding conditional agreement for the acquisition of 100% of the issued capital of Byro Mining Pty Ltd, holder of Byro Project

YALLALONG ANTIMONY PROJECT

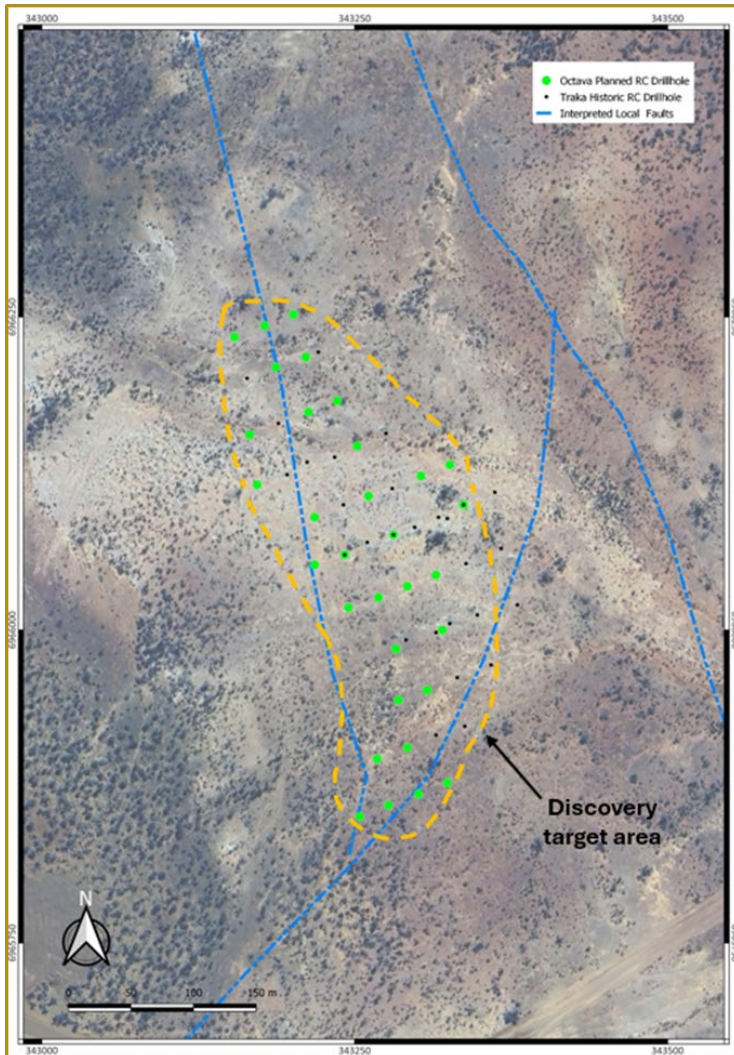


Location of key antimony (Sb) targets at the Yallalong Project.

Confirmed High Grade Antimony Targets

- Previous exploration for antimony at Yallalong, including in soil and rock chip sampling, airborne magnetics & RC Drilling, recorded high grade antimony. Antimony ingot prices at the time were ~US\$8000/t, and now ~US\$32,000/t.
- The antimony (Sb) mineralisation identified appears to occur within a **10km north-south striking mineralised Sb corridor** interpreted to be related to a structural belt between the regional scale Darling and Woodraring faults.
- To date, four priority antimony targets identified: **Discovery, Central, North and No. 4. Three are untested₁**.
- Antimony mineralisation is visible at surface on all targets and likelihood of further discoveries.
- Drilling at Discovery target has recorded some of the highest-grade antimony drill intersections in Australia including:
 - YRC16: 7m @ 3.27% Sb from 12m including 1m @ 11.5% from 18m**
 - YRC06: 3m @ 6.83% Sb from 21m including 1m @ 13.6% Sb from 22m**
- Drilling only targeted the oxide zone with no deeper holes testing the potential of the sulphide bedrock.

YALLALONG ANTIMONY PROJECT



Planned drill hole locations at the Discovery antimony target

DRILLING IS UNDERWAY AT YALLALONG ANTIMONY

- ❑ 3000m RC drill program now underway at the Yallalong antimony project
- ❑ Drilling will target further high-grade antimony at the Discovery target, laterally and at depth.
- ❑ After drilling at Discovery, the drill rig will relocate to the Central antimony target, 2km to the north along strike. There has been no previous drilling at Central.
- ❑ Drilling is expected to take around 2 weeks to finish.
- ❑ A detailed geophysical survey over the antimony corridor at Yallalong is now complete, with the data being processed.
- ❑ This is expected to generate further drill targets within the antimony corridor.

ANTIMONY – ON THE CRITICAL MINERALS LIST



↑
Current Antimony price
~\$33,000/t

Source – Fastmarkets' Information Services – London based cross - commodity price reporting agency

Supply

- ❑ China & Russia & Tajikistan supply ~80% of global antimony. Few significant western producers.
- ❑ China production has declined in recent years but still represents ~50% of supply and ~80% of global processing.
- ❑ Established crushing and flotation treatment plants are used to produce antimony concentrates.
- ❑ **Markets seeking alternate supply sources.**

Pricing

- ❑ Average prices of antimony metal are almost 300% above levels at the time of historic work at Yallalong (\$8,000 - \$31,000).
- ❑ Strong prices driven by lack of mine supply worldwide.
- ❑ Recent export bans on antimony related products by China has also driven prices higher

Demand

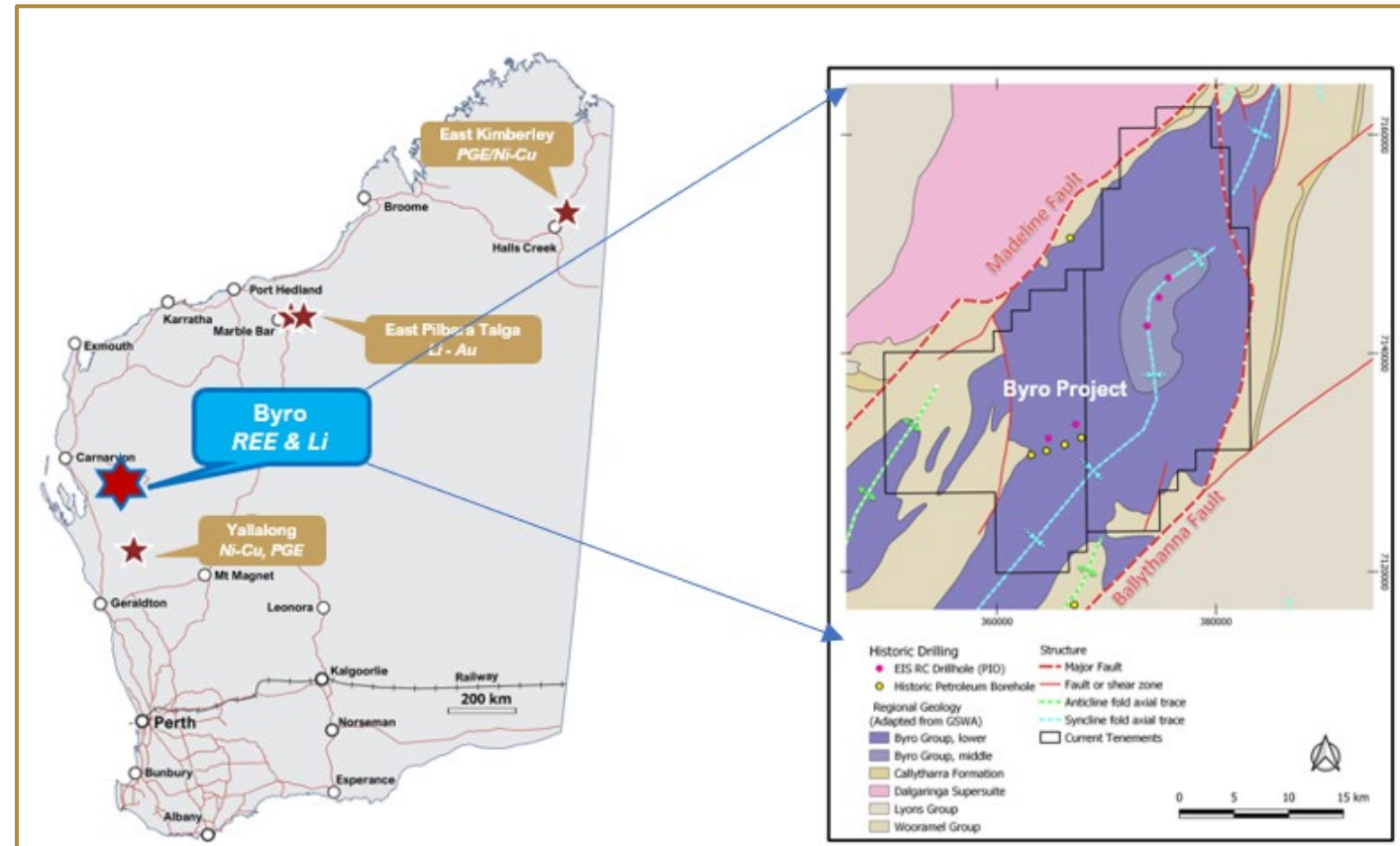
- ❑ Dual uses in both commercial & military.
- ❑ Primary use in flame retardants for plastics, textiles
- ❑ Metal form is alloyed with lead, for use in batteries and munitions.
- ❑ Antimony is critical to many new energy technologies and energy storage, such thermo-electric cells, batteries and solar energy.

DRILLING AT THE DISCOVERY ANTIMONY TARGET



BYRO RARE EARTHS PROJECT

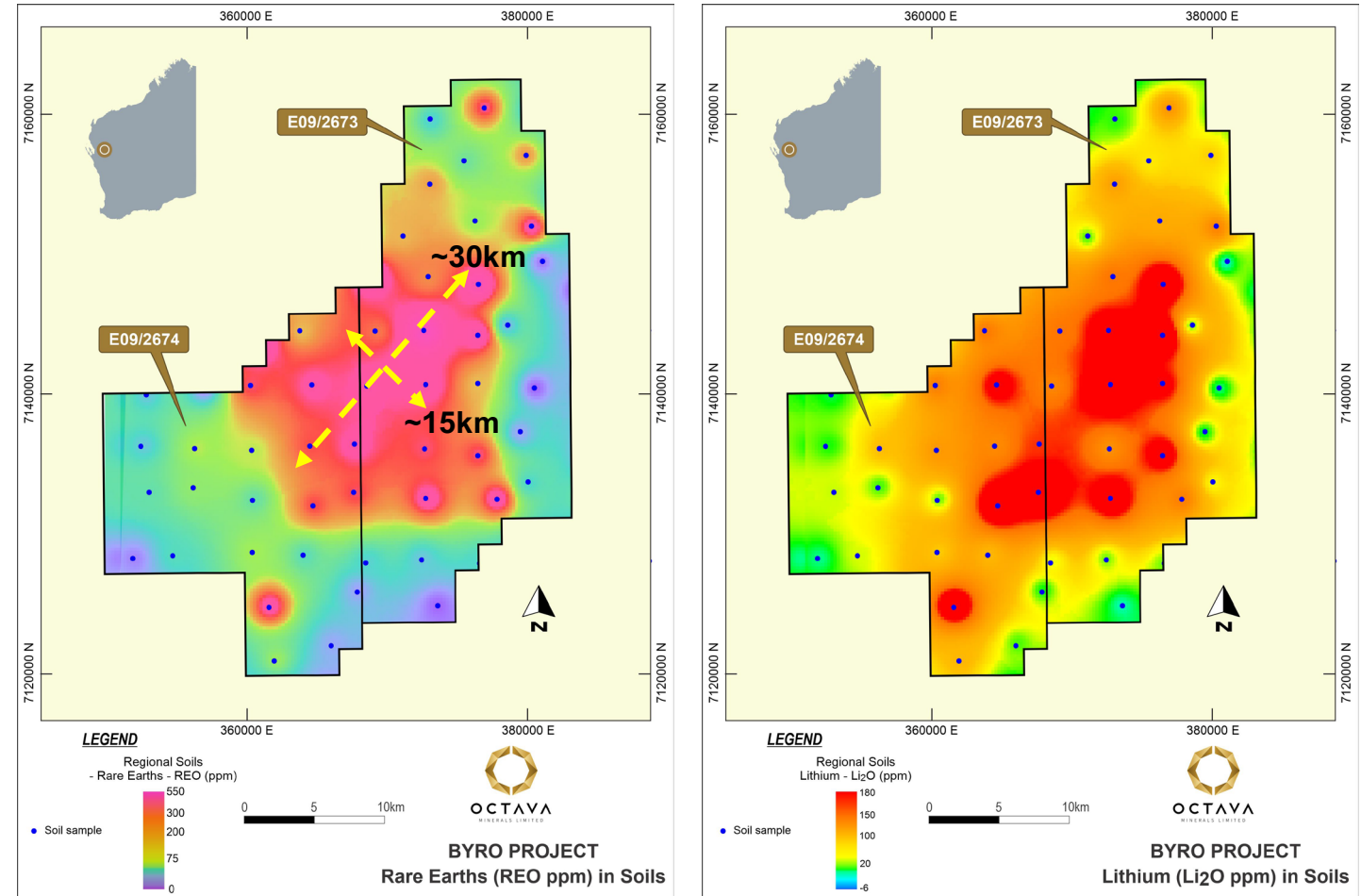
- ❑ Located on the Byro Plains of the Gascoyne Region, Western Australia.
- ❑ 220km SE of Carnarvon and 650 km N of Perth
- ❑ Expansive tenure, covering large portion of Byro Sub-basin. Consists of two granted Exploration Licences – E 09/2673 and E 09/2674 – totalling 259 blocks, 794 km²
- ❑ Native title agreements signed over the project
- ❑ Nearby infrastructure includes accessibility to a commercial port (Geraldton) and power from NW gas pipeline.
- ❑ Future potential access to WA Government proposed green energy sites.



BYRO RARE EARTHS PROJECT

- Historic GSWA regional soil sampling (4km by 4km sample spacing) and RC drilling has recorded REE, lithium & base metals mineralisation occurring over more than 30km of strike length and 15km in width.¹
- Archean granites of the Yilgarn Craton lie 10km to the east of the Byro sub basin. It is thought that these rocks may be the source of REE, lithium and base metals in the Byro Group.
- Similar styles of deposit are mined elsewhere in the world. One example is the deposit currently being mined at Talvivaara mine in Finland, using techniques such as biomining to recover significant volumes of metals at lower costs.

Extensive Mineralised Surface Footprint

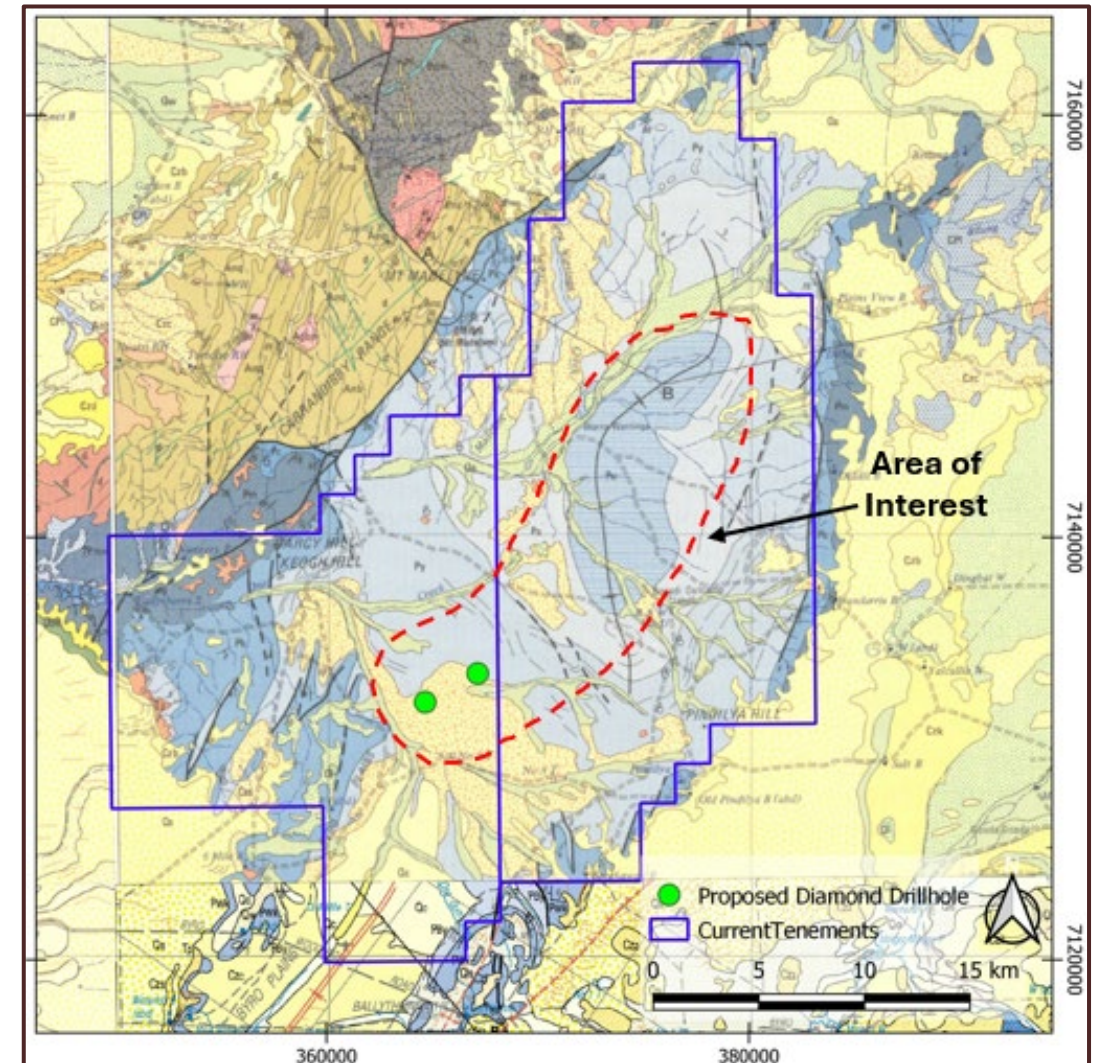


Anomalous REO* and Li₂O halos across Byro tenements from GSWA regional soil sampling.
(*Ce, La, Sc & Yb only)

BYRO RARE EARTHS PROJECT

DRILLING UNDERWAY AT BYRO REE

- ❑ Drilling of two metallurgical core holes has commenced at Byro and is expected to take around 8 days.
- ❑ The two holes will twin previous drilled exploration holes at Byro where higher-grade material was recorded.
- ❑ The drilling will recover sample material for initial metallurgical testwork to determine an economically achievable pathway to recover the significant quantities of metals at Byro.
- ❑ Samples will initially be analysed for grade and mineralogy, then beneficiation (upgrade) tests and then metal extraction.
- ❑ Octava will work with CSIRO on the key metallurgical testwork programs as they are experienced in this type of deposit.



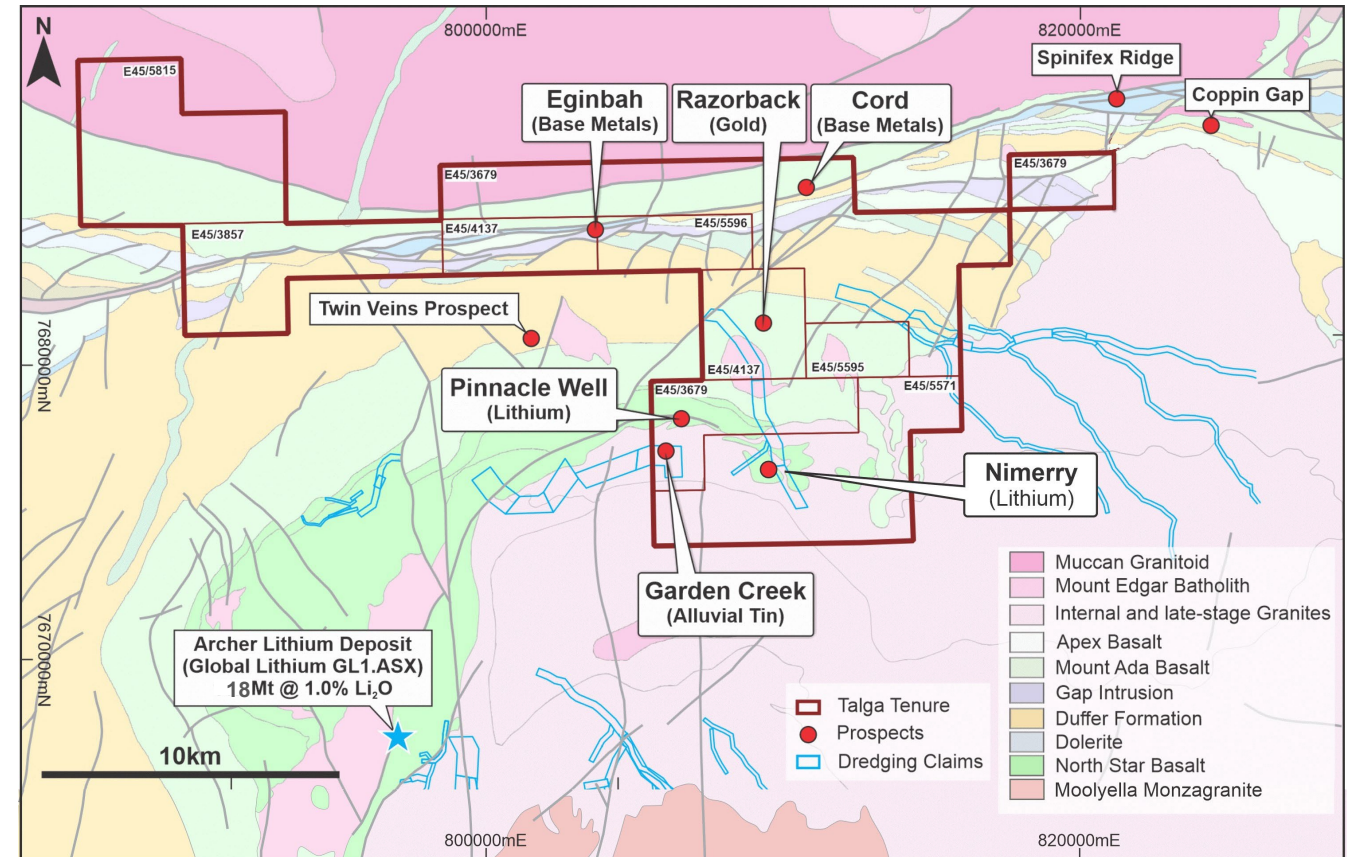
Planned drill hole locations at the Byro Rare Earths Project

TALGA – A WORLD CLASS GOLD & LITHIUM REGION



Talga has potential for discovery of LCT pegmatites and gold

- ❑ Large Pilbara landholding with 202km² of highly prospective geology for hard rock lithium discoveries. Significant anomalous lithium in soils recorded.
- ❑ The project area lies only 10km to the north of the Archer Lithium Deposit (18Mt @ 1% Li₂O)₁ held by GL1.
- ❑ Talga also covers one of the most prospective and mineralised Archaean greenstone terranes in the Pilbara. Potential for discovery of gold & base metals.
- ❑ The Razorback gold prospect at Talga has recorded a number of significant gold intersections in previous drilling but has only been drill tested over 700m of a 4km strike zone.
- ❑ Both the Bamboo Creek gold deposits, 15km east, and the Warrawoona gold mine, 40km south, are located within the same greenstone stratigraphy.



Talga tenement map with regional geology.

¹GL1 ASX 15 December 2022

TALGA – A WORLD CLASS GOLD & LITHIUM REGION



Proven gold discovery region

Razorback

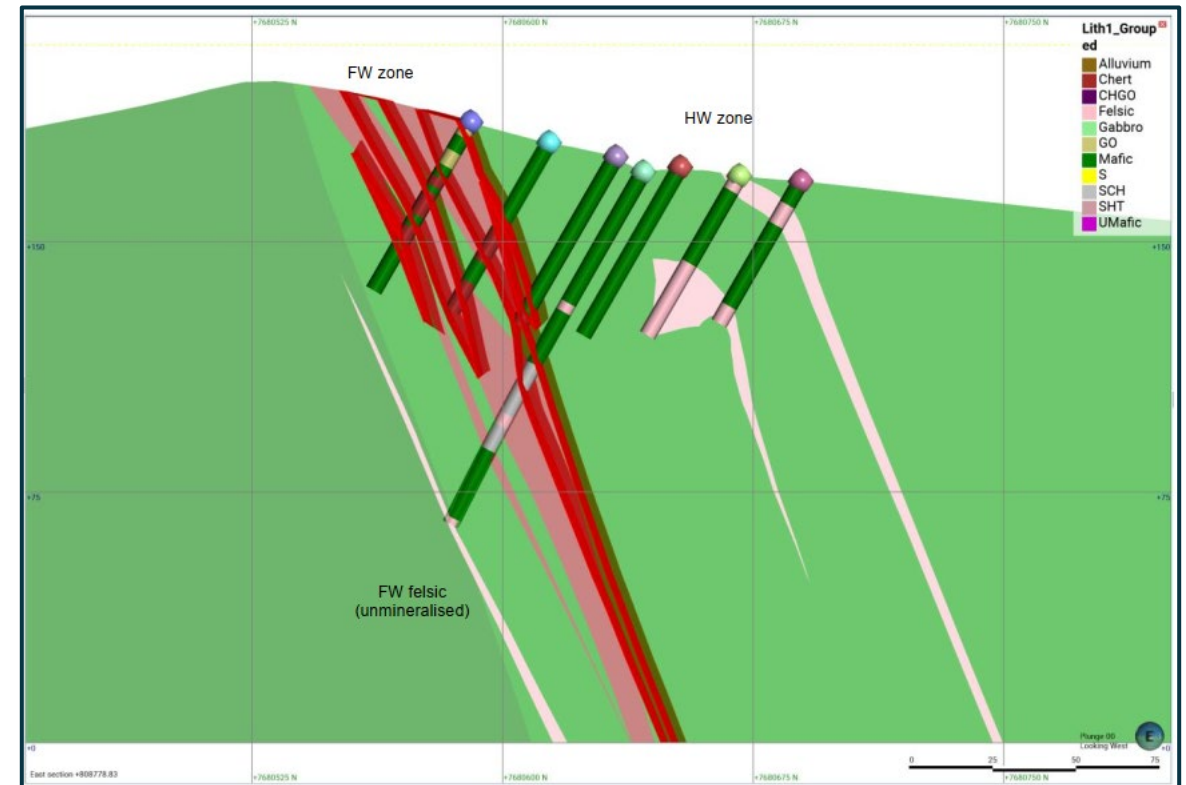
- Drilling at Razorback has intersected significant gold mineralisation¹, including:
 - 16m @ 1.99 g/t from 0m
 - 13m @ 1.79 g/t from 42m
 - 8m @ 1.57g/t from 50m
 - 9m @ 1.12g/t from 62m
- Razorback has only been drill tested over a distance of 700m of an interpreted strike of the mapped siliceous chert unit of about 4km.
- IP geophysical survey has identified a total of 11 gold targets, including 6 high priority targets².

Cord

- Previous explorers encountered massive sulphide horizon over 14km strike₂ with only small section drill tested.
- Previous intersections include:

16m @ 158ppb Au, 5g/t Au, 3212ppm Cu, 50ppm Pb, 101ppm from 19m.

Significant previous gold intercepts at Razorback



Razorback cross section

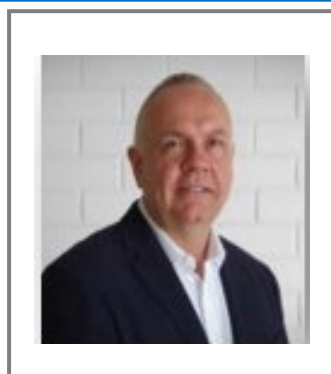
1. See pp 116-117 of the Independent Geologists Report contained in OCT's IPO Prospectus
2. See pp 116-117 of the Independent Geologists Report contained in OCT's IPO Prospectus

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 Narryer Metals Ltd (ASX:NYM).



Mr Feiyu (Sam) Qi
Non-Executive Director

Mr Qi is the current CEO of Fuyang New Energy Development Co. Ltd ("Fuyang"), a company that holds a 15% share in Octava Minerals Limited. Mr Qi graduated from Shanghai University with a major in Project Management and has more than 20 years' experience in this field. He has provided professional business advice to a number of international companies including King Power Group (Hong Kong) and Luolai Home Textiles. He is currently a Non-Executive director of Patagonia Lithium Ltd.



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.

CORPORATE SNAPSHOT



Shares on Issue and Market Capitalisation

Shares on Issue (ASX:OCT)	59,244,601
Share Price (at 25 September 2024)	A\$0.12
Market Capitalisation	A\$7.1m

Other Securities

Performance Rights	3,250,000
Unlisted Options	3,650,007

Other Metrics

Current cash at bank	\$2m
Debt	Nil

Octava Board

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

Top 20 Hold 63%

Top 20 Share Holders	%
Fuyang Mingjin New Energy	11.7%
Southeast Mingqing Supply	11.7%
Attgold Pty Ltd	6.3%
Allekian Exchange Pty Ltd	3.0%
Blue Coasters Pty Ltd	2.2%
Mrs Anne Maree Richardson	2.1%
Titan Assets Pty Ltd	2.1%
Mr Esteban Mondia	2.0%
Wolf Like Me Pty Ltd	1.7%
Khe Sanh Pty Ltd	1.5%
Payzone Pty Ltd	1.4%
Pcas (Australia) Pty Ltd	1.3%
Mr Justin John Mabarrack	1.1%
Mr Joshua Gallagher &	1.0%
Midastouch Super Pty Ltd	1.0%
Fairbrother Holdings Pty Ltd	0.9%
Mr Scott Robert Weir	0.9%
Mrs Lydia Parker	0.8%
Original Resources Pty Ltd	0.8%
Aymon Pacific Pty Ltd	0.8%

THANK YOU



OCTAVA MINERALS LTD

Key Contacts

Bevan Wakelam
CEO / MD

info@octavaminerals.com

Clayton Dodd
Chairman

info@octavaminerals.com

This presentation has been authorised for release by the Board of Octava Minerals Limited.

