OCTAVA
MINERALS LIMITED

CRITICAL MINERALS

WESTERN AUSTRALIA & TASMANIA

AGM Presentation & Investor update

November 2025
ASX:OCT | octavaminerals.com

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EXECUTIVE SUMMARY

HIGHLIGHTS

Federation Copper-Zinc-Silver Project – Tasmania (121km²)

- Sampling of exploration adit at Sweeney's prospect by Renison in 1977 recorded **47m @ 0.96% Zinc, 0.64% Tin & 7g/t Silver**[1].
- Recent rock chips returned high grades including **27.5% Zn, 0.58% Cu, 5.97% Sn, 434 g/t Ag and 0.92% Sb** plus **extremely high grades of indium (In) to 860ppm**[2,3].
- Follow up drilling by Renison intercepted a steeply dipping zone of semi-massive to massive sulphide mineralisation down to ~210m in depth and mineralisation remains open.
- Significant historic drill intercepts[1] including:
  - **23m @ 1.19% Cu, 1.70% Zn, 121g/t Ag and 1.17% Sn from 71m**[4].
- No serious exploration since 1980.
- Successful maiden EM survey. Drilling to commence imminently.

Byro Critical Minerals Project – Western Australia (555km²)

- Large sedimentary basin containing black shale that hosts extensive in-situ tonnages of critical minerals, REE's, Li & V.
- The black shale hosting mineralisation has been intercepted in drilling over 25km of strike[4].
- Recent biomining / bioleaching testwork on Byro material by two independent bioleaching experts achieved **68-75%** recoveries of Nd, Pr & Dy (**magnets**) and **~40%** for Li, V & Tb (**batteries**)[5,6].
- Further optimization will improve recoveries with significant potential for large, sustainable, bio-heap leach operation.

[1]Refer OCT ASX Release 2 September 2025
[2]Refer OCT ASX Release 5 November 2025
[3] Refer OCT ASX release 25 November 2025
[4] Refer OCT ASX Release 25 July 2025
[5,6] Refer OCT ASX Releases 21 August & 2 October 2025

PROJECTS WITH KEY CRITICAL & STRATEGIC MINERALS

FEDERATION PROJECT

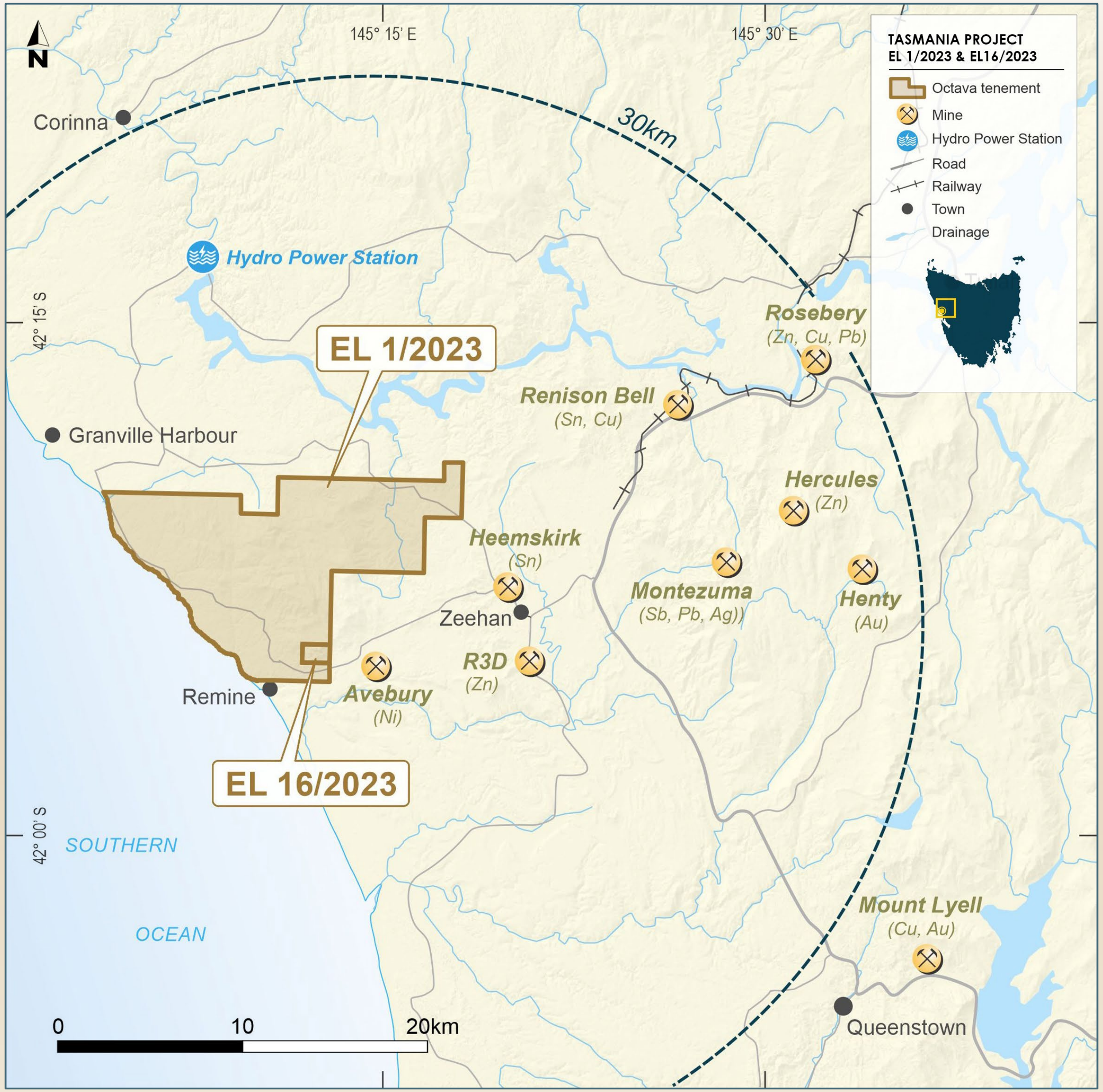
- 29 **Cu** Copper
- 30 **Zn** Zinc
- 47 **Ag** Silver
- 50 **Sn** Tin
- 77 **In** Indium

BYRO CRITICAL MINERALS PROJECT

- **Light REE's**
- **Heavy REE's**
- 3 **Li** Lithium
- 23 **V** Vanadium

Driving Strong Future Demand

- *Energy Transition*
- *Electric Vehicles*
- *Artificial Intelligence*
- *Continued economic growth in developing countries*



FEDERATION COPPER ZINC SILVER TIN PROJECT

PROJECT LOCATION

- Federation is a high-grade polymetallic exploration target in a world class discovery region
- The project area is located 12km west of Zeehan and comprises 2 granted tenements EL16/2023 (Sweeneys), EL1/2023 (Federation) covering approximately 121km^2.
- Project is located on Tasmania's West Coast Mining province in close proximity to a number of mining centres including:
  - **Rosebery 25Mt @ 6.5% Zn, 2% Pb, 0.25% Cu (MMG)**
  - **Renison Bell 42Mt @ 0.93% Sn, 0.21% Cu (Bluestone JV)**
  - **Henty Gold 4.1Mt @ 3.4g/t Au (Kaiser Reef)**
  - **Mt Lyell 93.1Mt @ 0.95% Cu, 0.2g/t Au (Sibanye Stillwater)**
  - **Heemskirk Tin 7.4Mt @ 1.04% Sb (Stella Resources)**
  - **Montezuma Sb, Pb, Ag Deposit (Lode Minerals)**
  - **Avebury Ni mine and concentrator**
- Processing and infrastructure, including Hydro Power nearby.

FEDERATION
PROVEN GEOLOGICAL SETTING

- The Federation project is located on the margin of the Heemskirk Granite, a multiphase intrusion containing various phases of mineralisation which have intruded a sequence of Proterozoic rocks.
- Sweeney's Prospect: Underexplored. Previously interpreted as greisen-style Tin (Sn) system, but drill data suggests a potentially larger Cu-Zn-Sn-Ag sulphide feeder zone below.
- During the late 1970's, Renison sampled an historical adit at Sweeney's prospect recording
    - **47m @ 0.96% Zn, 0.64% Sn & 7g/t Ag[1].**
- They drilled a total of 18 diamond holes at Sweeney's with 10 recording significant **Cu-Zn-Ag-Sn** intersections that were never followed up. No testing for indium (In).
- The Renison drilling intersected a steeply dipping semi-massive to massive mineralised sulphide zone from **~70m down to ~210m** and remains **open at depth** and **along a SSW strike**.

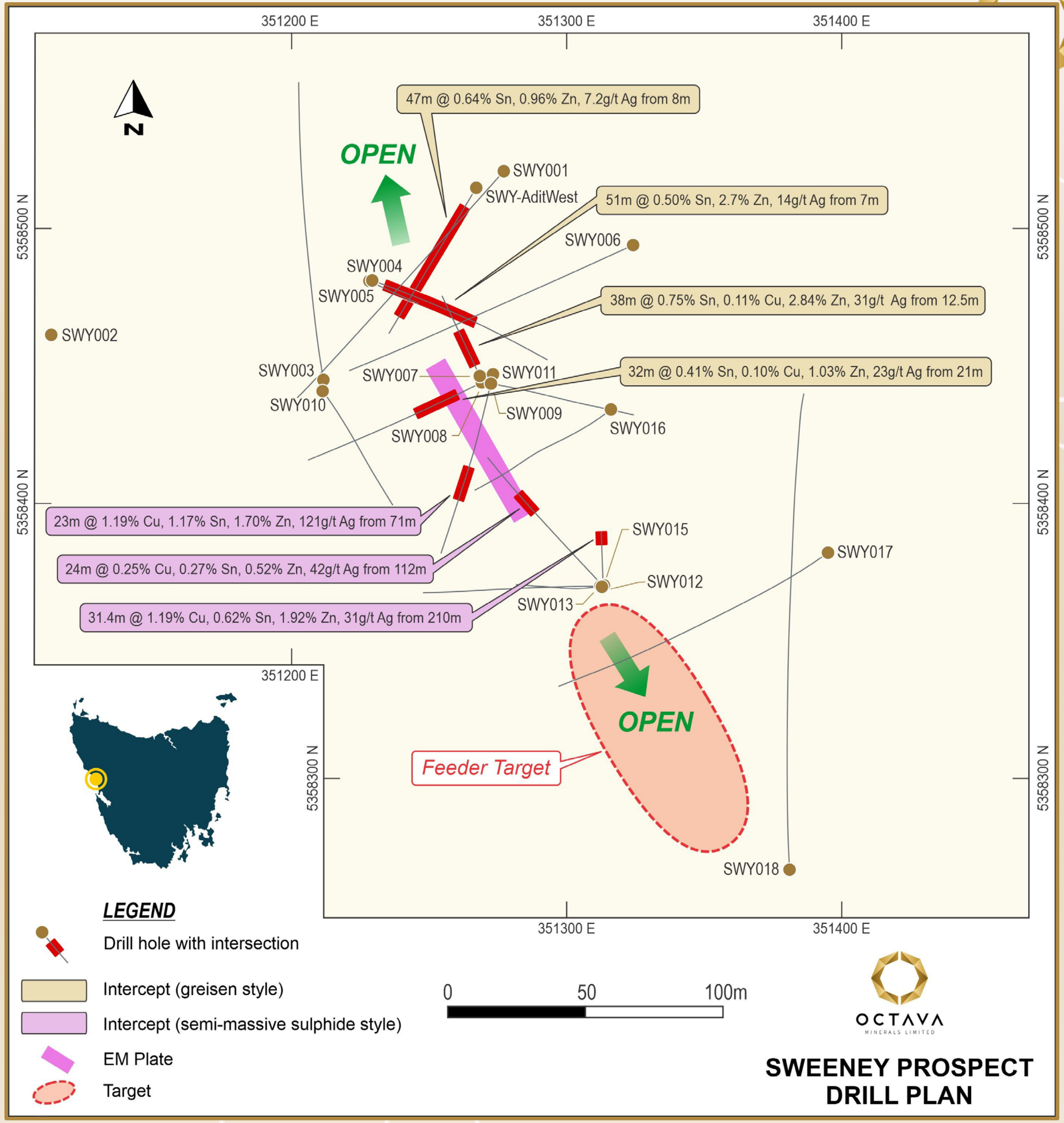
[1]Refer OCT ASX Release 2 September 2025

FEDERATION
MINERALISATION TARGETING

- Potential for minerals rich hydrothermal lenses derived through major structural conduits.
- Mineralisation at Sweeney's may lie between two E-W faults that cause dislocation to the north and south. Aligns with regional success (Rosebery, Hellyer, Que River).
- Recent rock chips samples collected from costeans have returned excellent grades of copper, zinc, silver, lead, tin, antimony and indium.
- High grades included:
  - **27.5% Zn, 0.58% Cu, 5.97% Sn, 434 g/t Ag and 0.92% Sb**
  - Four samples returned **extremely high indium (In)** grades **up to 860ppm[1].**

Drillhole	Historic Drill Intercepts[2]
SWY 11	**23m @ 1.19% Cu, 1.70% Zn, 121 g/t Ag, 1.17% Sn from 71m.**
SWY 14	**24m @ 0.25% Cu, 0.52% Zn, 42 g/t Ag, 0.27% Sn from 112m.**
SWY 15	**31.4m @ 0.19% Cu, 1.92% Zn, 31 g/t Ag, 0.62% Sn from 210m.**

- Untested potential for stringer zones and deep conductors. Maiden EM modelling of Sweeney's sulphide rich mineralisation reveals strong conductance and continuity[1].



[1]Refer OCT ASX Release 25 November 2025
[2] Refer OCT ASX Release 2 September 2025

BYRO CRITICAL MINERALS PROJECT

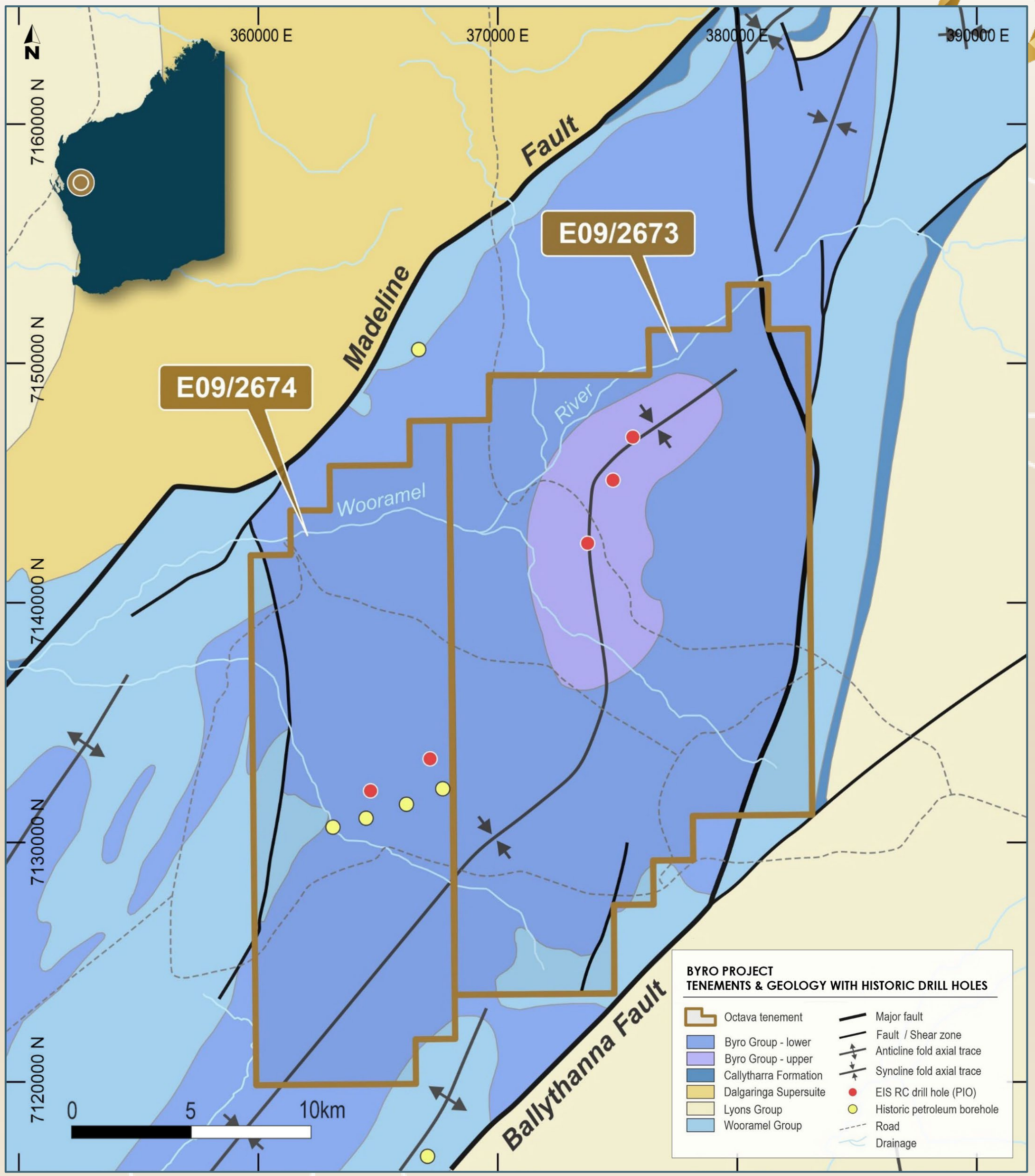
LOCATION, ACCESS & TENURE

- Located on the Byro Plains of the Gascoyne Region, Western Australia.[1]
- 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 555 km^2
- Native title agreement 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.

[1]Refer OCT ASX Release 2 October 2025

BYRO
LARGE SCALE OPPORTUNITY

- The Byro critical minerals project comprises Permian black shales and siltstones located within the Byro Sub-basin of the Carnarvon Basin which is approximately 100km by 150km in size and up to 3km in depth.
- Previous Geological Survey of WA soil sampling identified large anomalous halos of REE's and lithium over ~40km of strike length and 20km in width[1].
- Five historic, wide-spaced RC drillholes confirmed continuity of the polymetallic black shale over a ~ 25km strike length containing large in-situ volumes of REE's, Li, V and other metals over thicknesses of between 30 – 90m[1].
- Metals from black shales are successfully extracted using biomining at projects such as the Talvivaara Mine in Finland.
- Maiden drill program planned at Byro for early in the new year.



[1]Refer OCT ASX Release 24 January 2024

[1]Refer OCT ASX Release 2 October 2025

EXCELLENT INITIAL BIOLEACHING TESTWORK RESULTS

- Initial bioleaching testwork on the Byro material was carried out by two independent bioleaching experts, BiotaTec and the CSIRO in August 2025.
- Excellent critical minerals recovery rates were achieved including:
  - ***68 – 75% for Nd, Pr & Dy,*** key elements used in magnet production
  - ***40% for Li, V & Tb*** key elements in battery technology
- Close to maximum bioleaching capacity, or contact time, was reached over a short period indicating significant potential for a large, rapid, heap leach operation. Further optimization will improve recoveries and upscale the process.

Bioleach results for Byro Shale Samples [1]

Element	Culture 1 Recovery	Culture 2 Recovery	Culture 3 Recovery
Nd	68%	30%	75%
Pr	61%	25%	69%
Dy	68%	48%	70%
Tb	39%	25%	41%
Li	38%	8%	42%
V	41%	15%	39%

Key elements in magnet production

Key elements in battery technology

[1]Refer OCT ASX Release 21 August 2025

SUSTAINABLY PRODUCED CRITICAL MINERALS

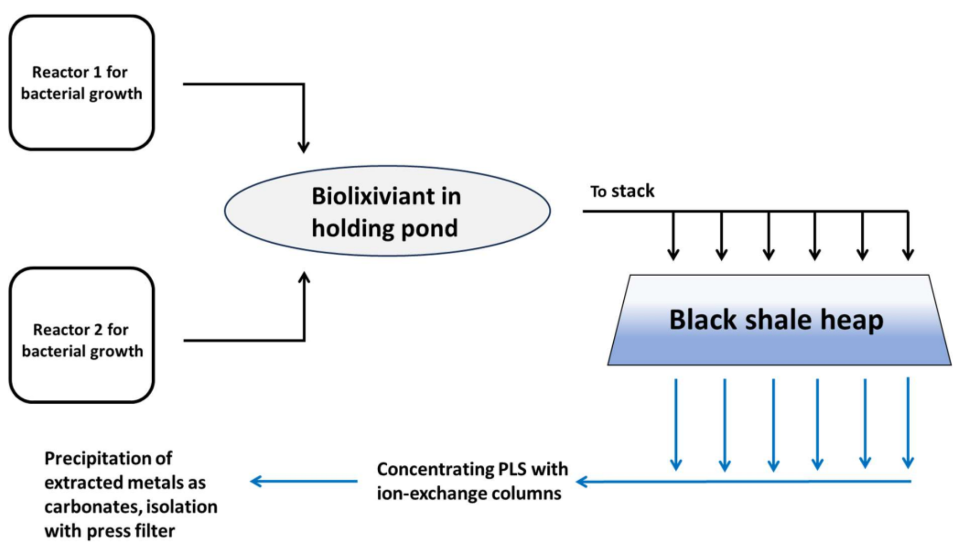
- Biomining / Bioleaching is the technique of extracting metals from ores and other solid materials typically using micro-organisms (i.e. bacteria, fungi or plants)

- Bioleaching has distinct sustainability and operational advantages over traditional extraction methods:

  - **Reduced chemical use** - avoids the use of highly toxic chemicals
  - **Energy Efficient** – Bioleaching consumes around 90% less energy[1] than conventional production methods, operating at ambient temperatures significantly reducing the energy needed for heating
  - **Lower operating costs** – simpler, cost-effective process

- Examples of biomining applications include numerous copper mines in Chile, gold processing (e.g. BIOX process developed by Gold Fields) and the polymetallic black shale Talvivaara heap leach mine in Finland.

- Octava envisages a potential pathway to production at Byro for a-large-scale, low-grade deposit, utilising cost-effective heap leaching using microbial biomining as the extractant to supply critical minerals.



[1] Refer Terraframe Financial Review 2024, P7

[1]Refer OCT ASX Release 21 August 2025

CORPORATE SNAPSHOT

Shares on Issue and Market Capitalisation

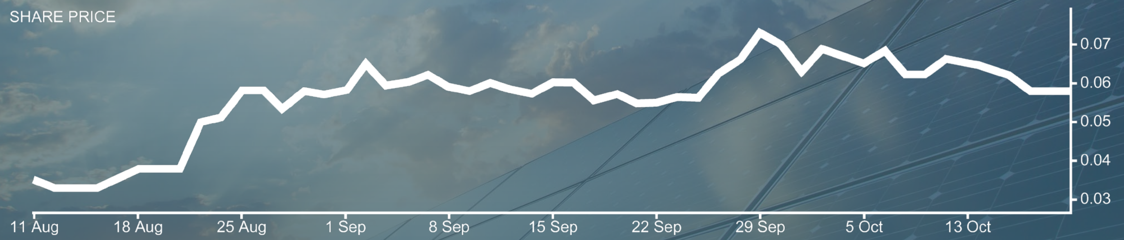
Shares on Issue (ASX:OCT)	111,009,307
Share Price (at 12 November 2025)	A$0.058
Market Capitalisation	A$6.4m

Other Securities

Performance Rights	10,250,000
Unlisted Options	36,066,670
Top 20 shareholders	52%

Other Metrics

Current cash (Nov-25)	~$2m
Debt	Nil



Mr Clayton Dodd - Non-Executive Chairman
A Chartered Accountant with more than 40 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 Bevan Wakelam - Managing Director and 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.

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 was previously a non-executive director of FirstAu Ltd and Narryer Metals Ltd (ASX:NYM).

Mr Sam Qi - Non-Executive Director
The current CEO of Fuyang New Energy Development Co. Ltd ("Fuyang"), a company that holds a ~6% share in Octava Minerals Limited. Mr Qi has more than 20 years' experience in Project Management. 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.

KEY HIGHLIGHTS

Highly prospective critical minerals exploration projects

Projects located in premier discovery regions

Byro: potential for long term supply of sustainable, low-cost critical minerals

Federation: High-grade Cu-Zn-Ag-Sn-In in drilling - no exploration since 1970’s

Low Market Cap, fully funded

Only 111m shares on issue

➢ ***Critical minerals supply is a focus of governments around the globe***

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MINERALS LIMITED

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

Competent Person Statement

Octava confirms that where exploration and metallurgical results are noted in this presentation, it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters in those announcements continue to apply and have not materially changed.

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