



DRILL PROGRAMS PLANNED AT THE FEDERATION AND BYRO PROJECTS

Highlights

TASMANIA – Federation Cu-Zn-Ag-Sn Project

- **Diamond Core Drill program expected to start at Sweeney’s prospect in 8 weeks, subject to MRT approvals.**
- **Drilling will target extensions to known high-grade Cu-Zn-Ag-Sn mineralisation.**
- **Ground EM geophysics survey at Sweeney’s planned for October.**

WESTERN AUSTRALIA – Byro Critical Minerals Project

- **Exploration target estimations for the large Byro Critical Minerals Project are underway.**

Octava Minerals Ltd (ASX:OCT) (“Octava” or the “Company”), an Australian focused explorer of critical minerals including REE’s, lithium, copper, zinc, silver and tin is pleased to provide an update on exploration at the highly prospective Federation copper-zinc-silver-tin Project in Western Tasmania and the Byro Critical Minerals Project in Western Australia.

Federation Cu-Zn-Ag Project

The Federation project is located 12km west of the town of Zeehan, in Western Tasmania and comprises 2 granted tenements EL 16/2023 and EL 1/2023 covering approximately 121km².

The project is well located in close proximity to a number of mining centres with processing and infrastructure, as well as a number of Hydro Power Stations.

Geology

The project licences are located on the margin of a granite dome known as the Heemskirk Granite, a multiphase intrusion containing various phases of mineralisation which have intruded a sequence of Proterozoic sedimentary rocks. See Figure 1. The Proterozoic rocks include quartzite, micaceous quartzite, black shale and carbonate rich beds that have undergone metamorphism.



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Projects

Federation – copper, zinc, silver
Byro – REE’s & lithium
Yallalong – antimony, gold & nickel
East Kimberley – nickel & PGM’s

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The late stages in the crystallisation of the granite resulted in production of hot saline solutions containing various metals. Large faults in the region provided conduits for these hot metallic solutions to re-mobilise and precipitate and form mineral deposits.

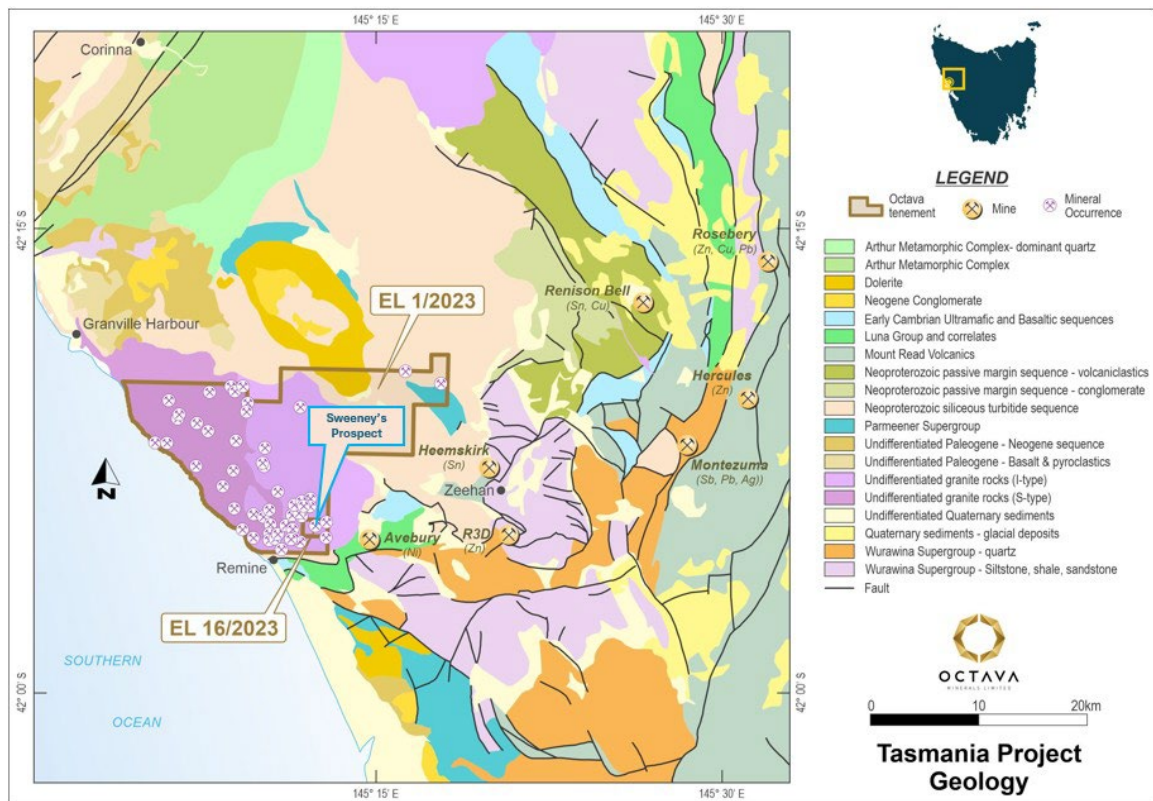


Figure 1. Federation tenement map with regional geology and mineral occurrences, including Sweeneys Prospect.

Exploration Work Program

An exploration work program, including diamond drilling at the Sweeneys Cu-Zn-Ag-Sn prospect has been submitted for regulatory approval. Up to 22 holes for approximately 2000m has been planned. Drilling is targeted for November.

Drilling will focus on the semi massive sulphides host feeder mineralisation that remains open at depth at the Sweeney’s prospect. Despite the extent of the Renison drilling in 1977/78 the shape and the full tonnage potential of the Sweeny’s high-grade mineralisation is not well understood. The historic drilling intercepted a steeply dipping, SSE plunging mineralised zone of semi massive to massive pyrite, pyrrhotite, stannite, sphalerite and cassiterite from around 70m down to 210m in depth and mineralisation remains open.

With no modern geophysics carried out across the Sweeney’s prospect area (or the wider Federation project) planning is well advanced to conduct a ground-based EM geophysics survey over the Sweeney’s prospect area. The semi-massive to massive sulphide at Sweeneys’ feeder mineralisation being located within resistive country rock and no conductive overburden, is well suited to delineation with EM.

Byro Critical Minerals Project

The Byro Project is a critical minerals project located on the Byro Plains of the Gascoyne Region, Western Australia, 220km south-east of Carnarvon and consists of two granted Exploration Licences – E 09/2673 and E 09/2674 – totalling 555 km². The Byro Project has a Native Title agreement in place and nearby infrastructure includes accessibility to a commercial port (Geraldton) and power from the NW gas pipeline and future potential access to Western Australian government proposed green energy sites.

Historic exploration identified the Permian black shales of the Byro sub basin to contain a potentially large accumulation of critical minerals, along ~30km of strike, ~15km in width and over large thicknesses. Metals from black shales are successfully extracted using biomining at projects such as the Talvivaara Mine in Finland.

Following the excellent biomining / bioleaching recoveries achieved from the recent initial test program (Refer to OCT:ASX Release 21 August 2025) Octava has commenced work on determining an exploration tonnage target for the Byro Deposit. This work will also involve preparation of an exploration drill program, with objective of building towards an initial resource for Byro.

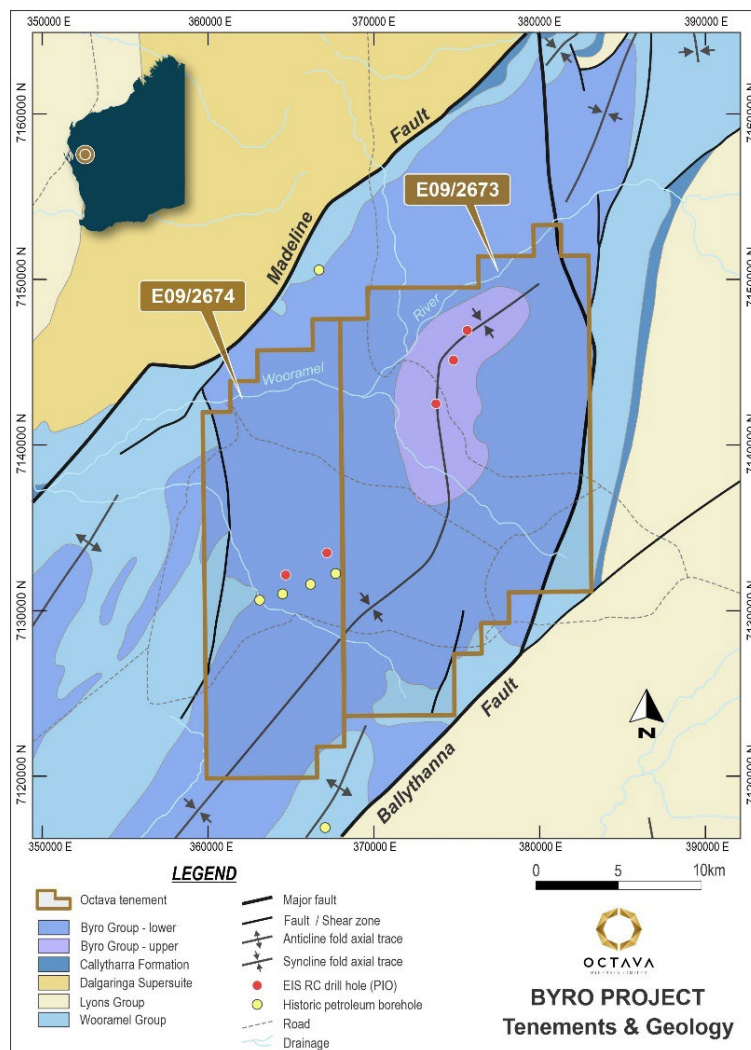


Figure 2. Byro Project tenement map and geology.

This announcement has been authorised for release by the Managing Director/CEO.

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About Octava Minerals Ltd

Octava Minerals Limited (ASX:OCT) is a Western Australian based exploration company. The Company has strategically located projects in geographically proven discovery areas within Australia.

Competent Person Statements

Where Octava references previously announced Exploration and Metallurgical Results in this report it refers to references under the heading Previously Released ASX Material. Octava confirms that 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.

Where information in this report relates to previous exploration results that was prepared and first disclosed under a pre-2012 edition of the JORC code. It is the opinion of Octava that the exploration data is reliable. Nothing has come to the attention of Octava that causes it to question the accuracy or reliability of the historic exploration results.

Octava confirms 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.

Previously Released ASX Material

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

ASX: OCT 2 September 2025 Exploration Underway at Federation Cu-Zn-Ag Project

ASX: OCT 21 August 2025 Excellent Rare Earth Extraction Rates Achieved in Bioleaching