

13 March 2025

## Drilling Campaign at Robin 21 Set to Begin Following Approved Program of Work

### Highlights:

- **Program of Work Approved:** The Department of Mines, Industry Regulation and Safety (DMIRS) has approved the Program of Work (PoW) for tenement E52/3979, enabling Zinc of Ireland to commence drilling at the Robin 21 anomaly at the Mt Clere Project.
- **Final Preparations Underway:** Management expects imminent awarding of contracts for drilling and earthmoving, with mobilisation expected shortly after and drilling to commence in April.
- **Strategic Location:** The Mt Clere Project spans 75km<sup>2</sup> in the Edmund Basin, 190km north-northwest of Meekatharra, with accessible road infrastructure.
- **Untapped Exploration Opportunity:** Robin 21, a large geophysical anomaly (~1km wide) with strong magnetic (400nT) and gravity (~2mG) signatures remains untested, presenting a rare exploration target in Western Australia.
- **Historical Context:** BHP's 1990s exploration terminated drilling at 56m depth without testing the anomaly. Recent geophysical surveys have enhanced the target's prospectivity.
- **Proven Base Metal Region:** The target is adjacent to the Mt Clere fault, a known base metal province hosting copper and other mineral prospects.

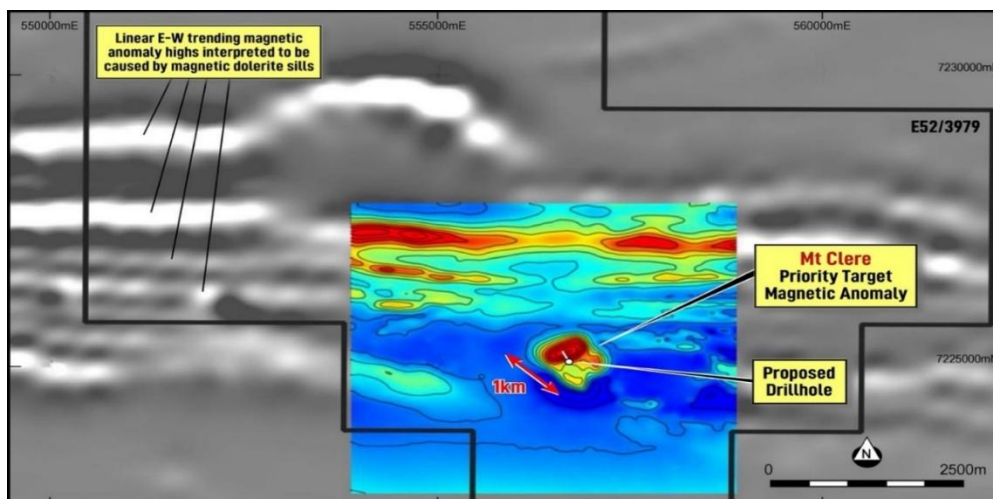


Figure 1. Magnetic feature to be drill tested in upcoming drill programme

Zinc of Ireland NL (**ASX: ZMI**) (**ZMI** or the **Company**) is pleased to announce that the Program of Work (PoW) for its 100%-owned Mt Clere Project (Tenement E52/3979) has been formally approved by the Department of Mines, Industry Regulation and Safety (DMIRS). This milestone unlocks the highly anticipated drilling campaign at one of Western Australia's most compelling untested geophysical targets.

### **Program of Work Approval**

The approved PoW is the final regulatory step required to commence drilling at Mt Clere. With all prerequisites now satisfied, management will finalise contracts for drilling and earthmoving contractors with mobilisation expected shortly after and drilling to commence in April.

### **Robin 21 - High-Impact Strategic Single Drill Hole**

Drilling will focus on a large-scale, 1km-wide geophysical anomaly characterised by a strong magnetic response (400nT) and gravity signature (~2mG). This anomaly, named **Robin 21**, remains entirely untested by drilling and is interpreted as a potential massive sulphide system or intrusive-hosted mineralisation. The target's scale and geophysical intensity make it a rare exploration opportunity in a region renowned for world-class base metal discoveries (*please refer ASX announcement 19<sup>th</sup> February 2025*).

An initial single diamond drill hole has been designed to test the heart of the Robin 21 anomaly (~300m). This hole represents a strategic high-reward opportunity to validate a target with district-scale potential. The drill will penetrate the Edmund Basin stratigraphy, intersecting the interpreted source of the anomaly at depth.

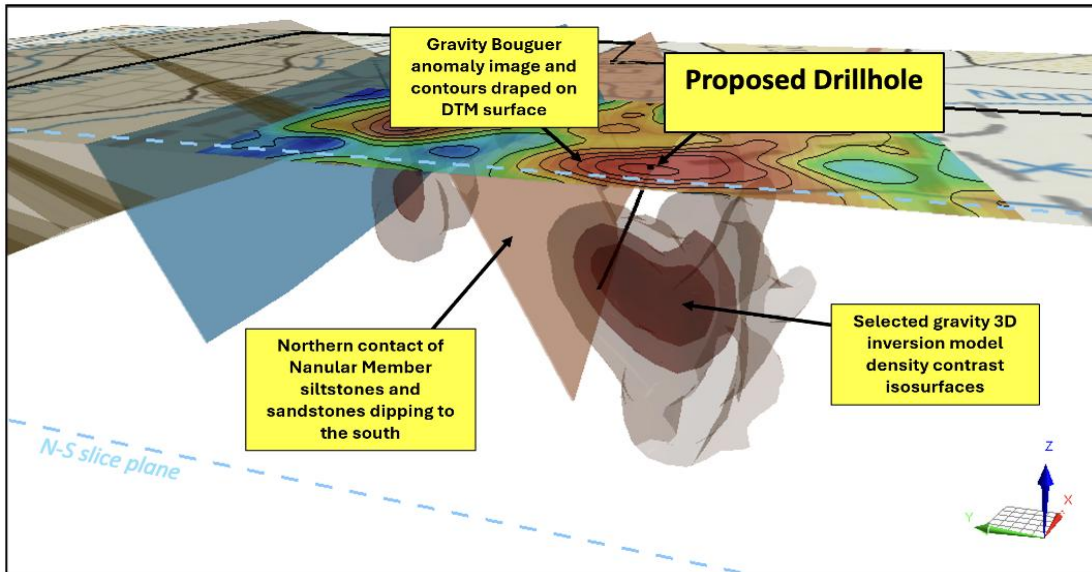


Figure 2. Conceptual drillhole targeting at the Robin 21 anomaly

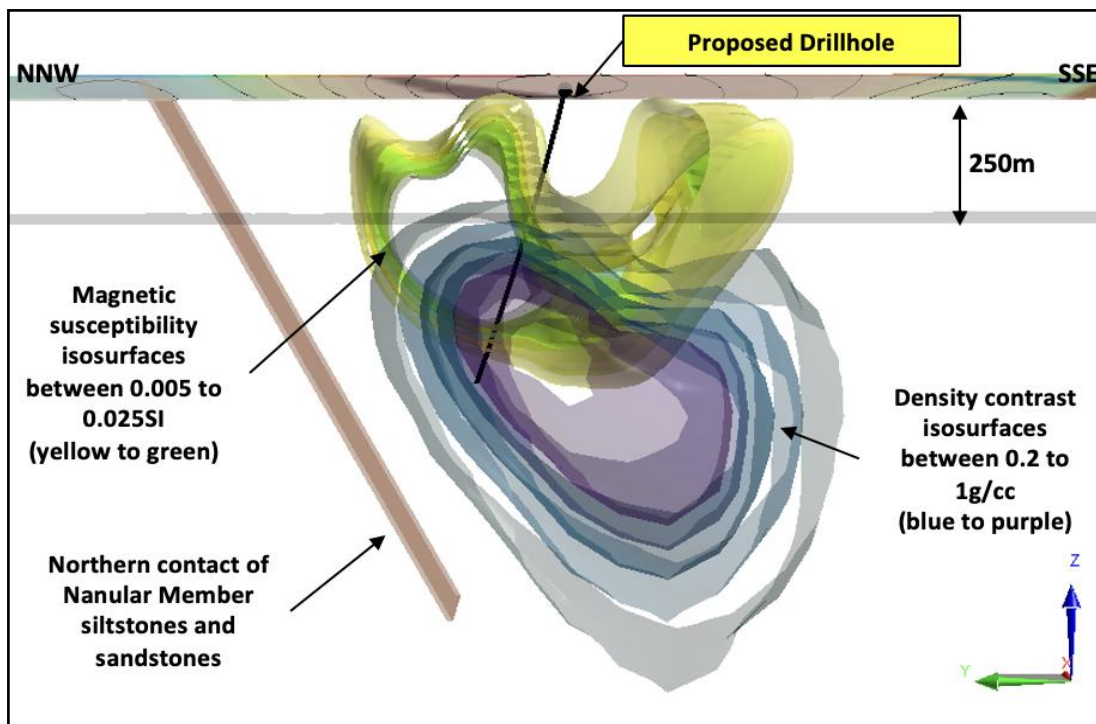


Figure 3. Oblique sectional view of undrilled magnetic and gravity anomalies at Robin 21. Partial offsets in the modelled depths may be consistent with zoned alteration or base metal mineralisation. Sedex and IOCG styles of mineralisation are possible exploration target candidates.

## Historical Context and Modern Validation

Historical exploration by BHP in the 1990s terminated drilling at just 56m depth, leaving the anomaly untested. Recent reprocessing of legacy data, combined with advanced geophysical surveys conducted by Zinc of Ireland, has significantly enhanced the target's prospectivity. The Company's technical team has identified compelling parallels between Mt Clere's geophysical signature and known base metal camps globally.

## Next Steps

- Final drilling preparations
- Drill rig mobilisation to site
- Drilling (April)
- Assay results expected within 4–6 weeks of drilling completion.

The Board of Directors of Zinc of Ireland NL have authorised this announcement for release to the market.

Yours faithfully,



**Peter Huljich**

Non-Executive Chairman

Zinc of Ireland NL

**Investor Inquiries:**

ZMI@calderahouse.com.au

Contact Us

## Reference to Previous ASX Releases

*No new Exploration Results are reported in this release. The information in this report that relates to Exploration Results at the Mount Clere Project is based on information prepared by Competent Person Greg Hope and is contained within an ASX announcement entitled "Earning into Highly Prospective Project at Mt Clere Containing a Large SEDEX/IOCG Drill-Ready Anomaly" dated 19<sup>th</sup> February 2025 and is available to view on [www.zincofireland.com.au](http://www.zincofireland.com.au) The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement. The Company confirms that the form and context in which the Competent Person's findings are presented here have not been materially modified from the original market announcement.*

## *Disclaimer*

*Certain statements contained in this announcement, including information as to the future financial or operating performance of ZMI and its projects, are forward-looking statements that:*

- *may include, among other things, statements regarding targets, estimates and assumptions in respect of mineral reserves and mineral resources and anticipated grades and recovery rates, production and prices, recovery costs and results, capital expenditures, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions;*
- *are necessarily based upon a number of estimates and assumptions that, while considered reasonable by ZMI, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; and,*
- *involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.*

## Appendix 1. Tenement Details

Location	Project Name	County/Area	Tenement No.	Ownership	Title Holder
WA	Mount Clere Pb-Ag Project	Gascoyne	E 52/3979	100%	Mr Andrew James Todd