

3 December 2025 | ASX RELEASE

Lennon's Find Project: Diamond drilling underway.

HIGHLIGHTS

- Drilling of a 650m diamond hole to test a deep induced polarisation (IP) anomaly underway at the polymetallic Lennon's Find Project, in Western Australia's Pilbara region.
- Lennon's Find is defined by a pronounced 4.5km mineralised corridor where recent rock-chip sampling has returned high-grade results up to 2,948 g/t Ag, 3.55 g/t Au and 17.4% Pb.
- Lennons Find hosts a near surface resource of existing JORC 2012 Inferred Resource of 1.55Mt @ 5.9% Zn, 0.2% Cu, 1.6% Pb, 0.28 g/t Au and 84 g/t Ag¹ on a granted Mining Lease and has never had any deep drill testing.

Orange Minerals NL (ASX: OMX) ("Orange" or "the Company") has started drilling a 650m diamond hole to test a deep copper/gold IP anomaly at its polymetallic Lennon's Find Project in Western Australia.

The geophysical response is interpreted as a possible feeder structure linked to the project's established zinc-lead-silver system.

High-grade rock chip assays up to 2,948 g/t Ag, 3.55 g/t Au and 17.4% Pb recently collected from surface gossans along the project's 4.5km mineralised trend have supported the Company's interpretation of a volcanic massive sulphide (VMS) system at depth beneath the current JORC 2012 resource in the Duffer Formation.

The anomaly was defined by an IP survey completed in September 2024, building on earlier work from 2018 and prior soil sampling. Importantly, the combined datasets show the IP response aligns with a magnetic linear trend and an overlying fault, adding further weight to its prospectivity.

Orange Minerals Managing Director Mr Chris Michael said:

"We're really pleased to have the rig turning at Lennon's Find. The project has always shown signs that there's more to it than what's already been drilled, and this diamond hole is our first real test of that deeper potential. We've reviewed all the historic work alongside our own IP survey from last year, and the anomaly we're testing lines up with both the magnetic trend and a key structural feature in the area. It's a well-supported target and this hole will give us our first proper look at what's happening at depth."

Previous drilling has been relatively shallow and aimed at assessing oxide potential across the project's 4.5km mineralised corridor, which hosts the Grey Nurse, Tiger, Hammerhead, Mako and Bronze Whaler prospects.

¹The information in this release which relates to the Estimation and Reporting of Mineral Resources at the Lennon's Find deposit is based on information released by the Company on 8 August 2023 "Orange Minerals Acquires Lennon's Find Project in Pilbara WA"

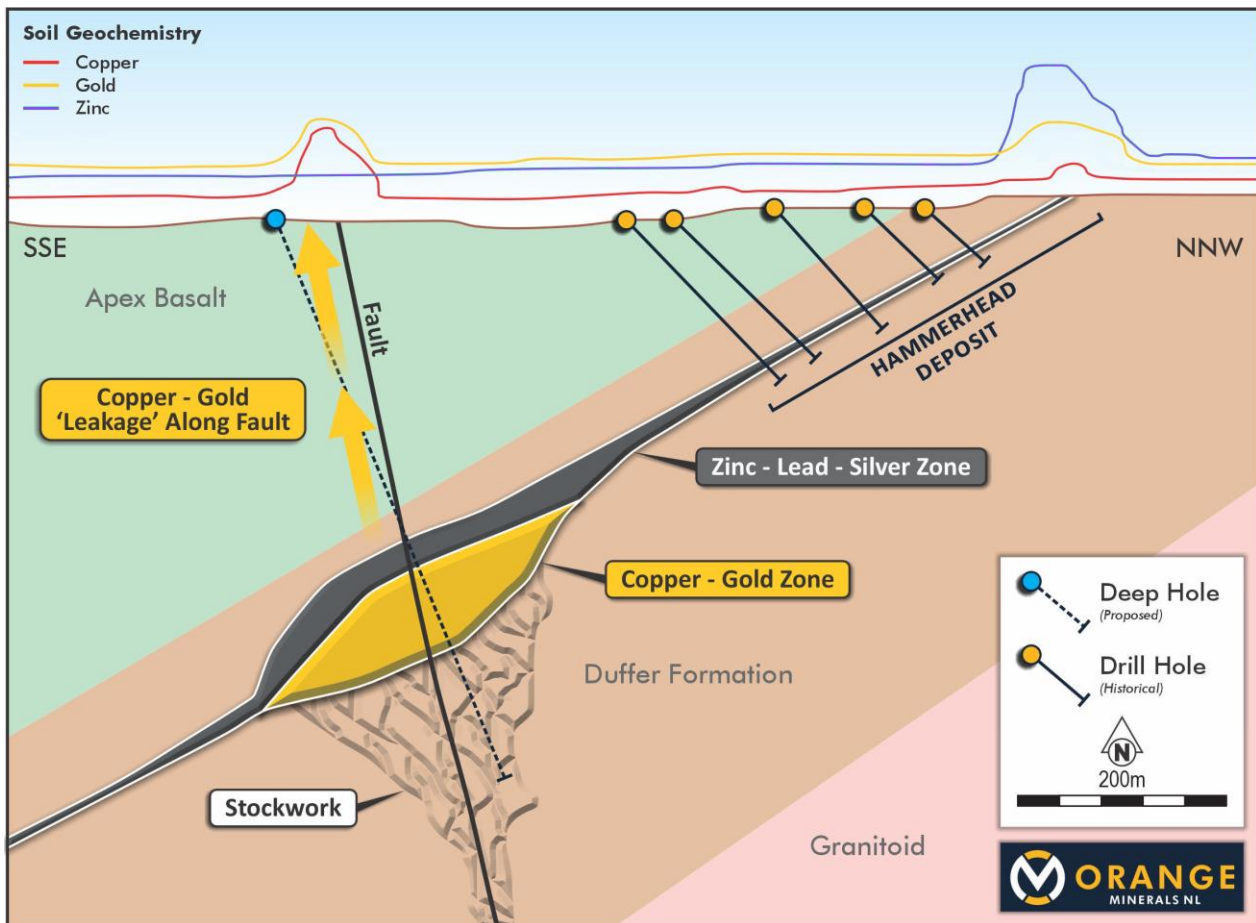


Figure 1. Lennon's Find Project conceptual VHMS model.



Figure 2. Terra Drilling has been contracted to commence a 650m diamond hole which is supported by a \$110,930 grant from the WA Government's Exploration Incentive Scheme (EIS).

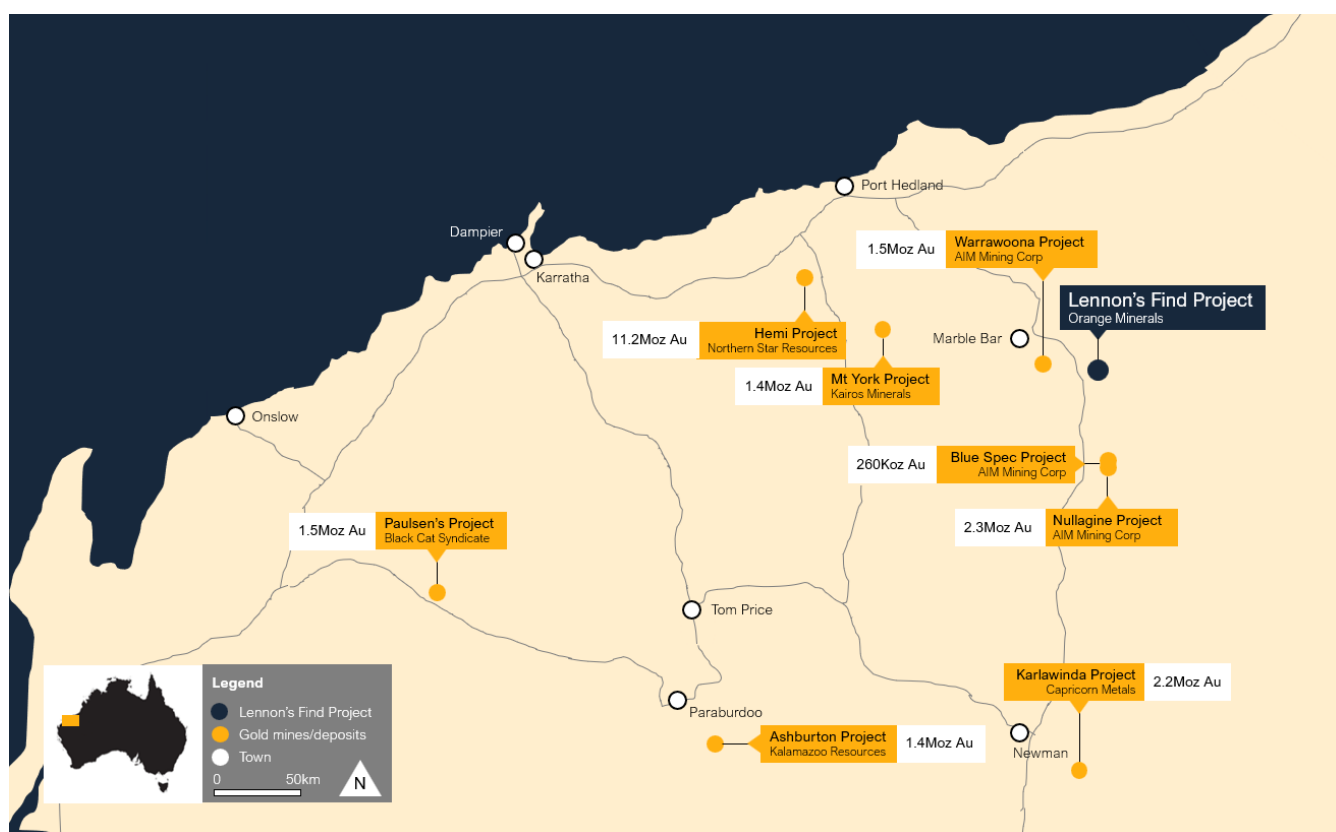


Figure 3. Lennon's Find Project location.

This ASX announcement has been authorised for release by the Board of Orange Minerals NL.

For further information, please contact:

Chris Michael
Managing Director
Orange Minerals
contact@orangeminerals.com.au
+61 8 6102 2039

Gareth Quinn
Investor Relations
Republic IR
gareth@republicir.com.au
0417 711 108

Competent Persons Statement

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Phil Shields, a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy (AusIMM). Mr Shields is an employee of Orange Minerals NL and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Shields consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



Forward Statement

This release includes forward – looking statements which involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and are based on current assumptions. Should one or more of the uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward looking statements if these beliefs or opinions should change.

About Orange Minerals NL

Orange Resources NL (ASX: OMX) is an Australian exploration company focused on polymetallic (Zn–Pb–Cu–Ag–Au) opportunities in Western Australia’s Pilbara region and New South Wales’ Lachlan Fold Belt. Additionally, the company is preparing to commence exploration activities at the Tepa Gold Project in Ghana’s prolific Sefwi belt following completion of licence transfers.

Orange Minerals aims to progress both projects through systematic, data-driven exploration supported by clear technical reporting and a disciplined sequence of upcoming milestones.