

## ASX ANNOUNCEMENT

17 NOVEMBER 2025

## Advanced NSAMT Survey to Refine Drill Targets at Flint Project in Peru's World-Class Gold Belt

### Highlights

- Tier-1 discovery opportunity within a +50Moz gold belt hosting world-class deposits and located adjacent to Peñoles' San Juan copper project in La Libertad, northern Peru.
- Large, +4km strike, high-sulphidation epithermal system confirmed by strong trace-element geochemistry, +500 rock samples, a 6 km<sup>2</sup> alteration footprint and partial historic geophysics.
- Clear pathway to drilling, with a planned 3,000m diamond drill program to be executed upon completion of geophysical modelling.
- Southern Rock Geophysics supported by Arce Geophysics mobilised today to undertake a 29.4 line-kilometre NSAMT survey to refine drill targets with deep penetrating resistivity data.
- Geophysics will deliver 3D resistivity models to optimise drill-pad location for initial 2026 drilling.
- Drilling permissions are well advanced, allowing a rapid transition from geophysics to drilling once modelling is complete.

**Australian Critical Minerals (ASX:ACM, "ACM" or "the Company")** is pleased to announce that Southern Rock Geophysics, in partnership with Arce Geophysics, has been engaged with immediate mobilisation to conduct a 29.4 line-kilometre NSAMT (Natural Source Audio-frequency Magnetotellurics) geophysical survey at the Flint Project in Peru. This advanced geophysical method is designed to identify potential mineralisation by mapping the electrical properties of subsurface rocks, providing a deeper understanding of the geological structures and hydrothermal fluid pathways.

**Executive Chairman Dean de Largie said:**

*"The Flint Project sits in one of the world's most mineral rich regions, surrounded by major gold and copper deposits with a long history of mining. You can feel the potential here. The scale of alteration we're seeing and the geological setting are compelling."*

*NSAMT geophysics is the ideal next step to refine our understanding of this large high sulphidation system and optimise drill site selection. This survey marks the beginning of what we expect to be a very exciting drilling campaign as we move to unlock Flint's significant gold and silver potential."*

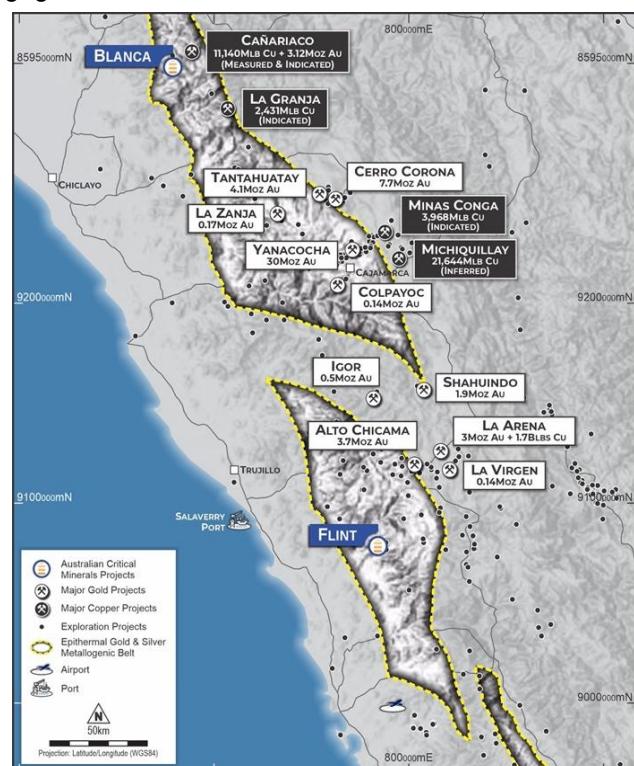


Figure 1: Flint regional deposit map

## Advancing Flint through Integrated Geophysics

The program marks a key step in advancing Flint toward drill readiness, applying modern geophysical techniques to define high-priority targets within a large high-sulphidation system. The **NSAMT resistivity data** will be integrated with the **historic induced polarisation (IP) survey** completed by Arce Geophysics, which delineated a strong chargeability anomaly across the northern concession.

Interpretation of that earlier dataset indicates a **southward-plunging chargeable body**, consistent with a mineralised feeder zone. The upcoming NSAMT extending across all three licence areas covering over **four kilometres of strike**, will test the central corridor of hydrothermal alteration defined by mapping and historic surface geochemistry.

This integrated approach is expected to **expand the project's exploration footprint** beyond the previously modelled IP anomaly and highlight resistive zones typically associated with **silicified and mineralised structures** in gold-silver high-sulphidation epithermal systems.

**Southern Rock Geophysics**, operating in partnership with **Arce Geophysics**, will conduct the program. Southern Rock brings more than **two decades of experience working in the Andes**, while Arce Geophysics has been the leading local geophysics consultancy in Peru since 1960.

The commencement of the NSAMT survey represents the **next logical step in the systematic advancement of Flint**, positioning Australian Critical Minerals to deliver a three-dimensional geophysical model to support drill permitting and program design in early 2026.

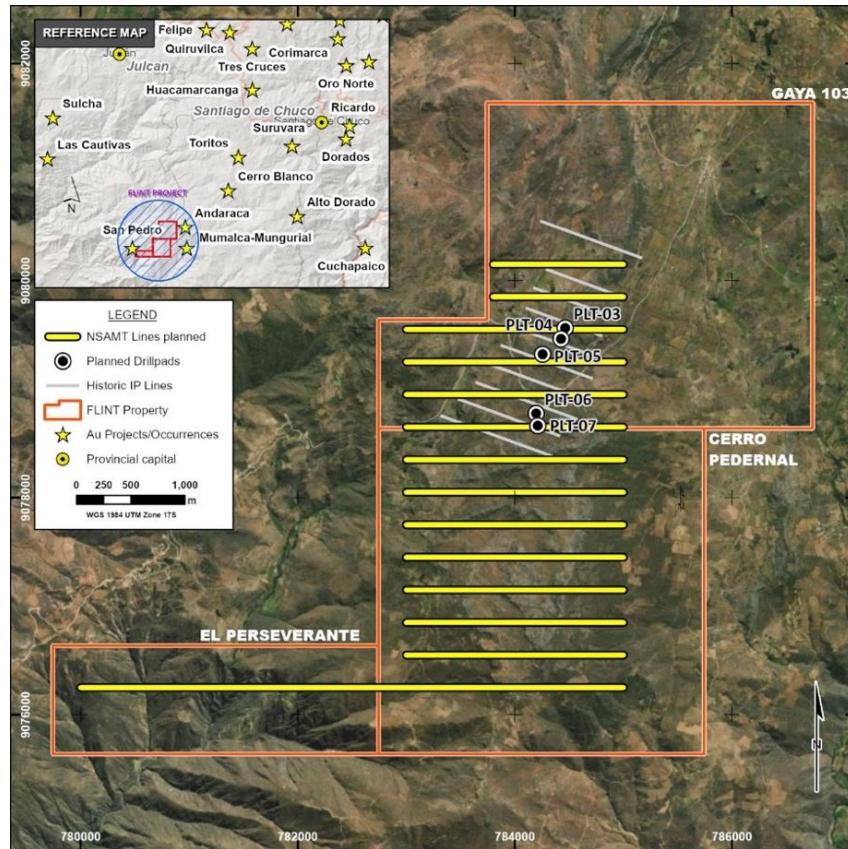


Figure 2: Flint NSAMT geophysics lines

This announcement was authorised for release by the Australian Critical Minerals Board of Directors.

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## ABOUT US

**Australian Critical Minerals (ASX:ACM)** is a resource exploration company focused on developing a high-grade portfolio of gold, silver, copper and critical mineral projects, with a core focus on Peru.

In 2025, ACM acquired a suite of highly prospective Peruvian assets spanning over **25,000 hectares**. These assets are strategically positioned to supply the critical metals driving global electrification, clean energy, and industrial growth.

ACM also holds **iron ore projects in Western Australia's Pilbara region**, offering long-term exposure to bulk commodity demand.

Backed by an experienced team with proven exploration and corporate success, ACM is unlocking value across some of the world's most richly endowed mineral belts.

### **Competent Persons Statement**

*The information in this report related to Exploration Targets and Exploration Results is based on information compiled by Mr. Dean de Largie. Mr. de Largie is the Executive Chairman of Australian Critical Minerals Limited and is a Fellow of the Australian Institute of Geoscientists and has sufficient experience relevant to the styles of mineralisation under consideration and to the activity being reported 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. de Largie has verified the data disclosed in this release and consented to including the matters based on the information in the form and context in which it appears.*