## New Inversion Data Reveals Six Anomalies at Aurania Resources's Awacha Target

27.06.2025 | Newsfile

<u>Aurania Resources Ltd.</u> (TSXV: ARU) (OTCQB: AUIAF) (FSE: 20Q) ("Aurania" or the "Company") reports that reprocessing Mobile MagnetoTellurics (MobileMT) data from the Company's Awacha porphyry copper target in Ecuador using the latest 2D inversion technology has revealed six highly conductive anomalies.

In 2021, Aurania contracted Expert Geophysics Surveys Inc. to conduct a MobileMT airborne survey over the Awacha porphyry copper target area. At that time, Electromagnetic (EM) data inversion was performed using a one-dimensional (1D) algorithm. In recent years, EM inversion technology has significantly improved, particularly for areas with rugged terrain. As a result, Aurania recommissioned Expert Geophysics Surveys Inc. to reprocess the existing MobileMT data using the latest 2D inversion technology. The 2.5D code applied is more objective and comprehensive than the previous 1D technology, as it takes into account the actual topography of the area being investigated, yielding robust lateral and vertical resolution, resulting in more accurate mapping of the subsurface conductivity.

The new inversion data has confirmed the presence of six high-conductivity anomalies as shown in Figure 1. These conductive anomalies typically begin 250 metres from the surface and exhibit deep roots as seen in Figure 2. These anomalies are significant since zones of elevated conductivity often correlate with porphyry copper deposits due to the presence of electrically conductive sulphide minerals (pyrite, chalcopyrite and bornite) and porphyry-related alteration (phyllic and argillic zones).

The new MobileMT 2.5D inversion results will be integrated with data and field observations from the Anaconda mapping program that was completed at Awacha in 2024. Aurania has engaged porphyry copper expert, Dr. Steve Garwin, a Senior Technical Advisor (see press release dated April 19, 2022), to review the Anaconda mapping data to identify the most promising porphyry targets at the Awacha area. Dr. Garwin's report and recommendations are expected in the coming weeks.

Figure 1: MobileMT depth slice at 700 m above sea level showing six anomalies at the Awacha target area (red colour is high conductivity and blue colour is high resistivity).

To view an enhanced version of this graphic, please visit: https://images.newsfilecorp.com/files/2477/257054\_10219f4304bee802\_001full.jpg

Figure 2: East-west cross section of the MobileMT 2.5D inversion at the Awacha target area (dashed line in Figure 1, looking north).

To view an enhanced version of this graphic, please visit: https://images.newsfilecorp.com/files/2477/257054\_10219f4304bee802\_002full.jpg

## **Qualified Persons:**

The geological information contained in this news release has been verified and approved by Aurania's VP Exploration, Mr. Jean-Paul Pallier, MSc. Mr. Pallier is a designated EurGeol by the European Federation of Geologists and a Qualified Person as defined by National Instrument 43-101, Standards of Disclosure for Mineral Projects of the Canadian Securities Administrators.

## About Aurania

Aurania is a mineral exploration company engaged in the identification, evaluation, acquisition and exploration of mineral property interests, with a focus on precious metals and copper in South America. Its flagship asset, The Lost Cities - Cutucu Project, is located in the Jurassic Metallogenic Belt in the eastern foothills of the Andes mountain range of southeastern Ecuador.

22.11.2025 Seite 1/2

Information on Aurania and technical reports are available at www.aurania.com and www.sedarplus.ca, as well as on Facebook at https://www.facebook.com/auranialtd/, X (formerly Twitter) at https://x.com/AuraniaLtd , and LinkedIn at https://www.linkedin.com/company/aurania-resources-ltd-.

For further information, please contact:

Carolyn Muir VP Corporate Development & Investor Relations Aurania Resources Ltd. (416) 367-3200 carolyn.muir@aurania.com

Neither the TSX-V nor its Regulation Services Provider (as that term is defined in the policies of the TSX-V) accepts responsibility for the adequacy or accuracy of this release.

## Forward-Looking Statements

This news release contains forward-looking information as such term is defined in applicable securities laws, which relate to future events or future performance and reflect management's current expectations and assumptions. The forward-looking information includes Aurania's objectives, goals or future plans, statements, exploration results, potential mineralization, the tonnage and grade of mineralization which has the potential for economic extraction and processing, the merits and effectiveness of known process and recovery methods, the corporation's portfolio, treasury, management team and enhanced capital markets profile, the estimation of mineral resources, exploration, timing of the commencement of operations, the commencement of any drill program and estimates of market conditions. Such forward-looking statements reflect management's current beliefs and are based on assumptions made by and information currently available to Aurania, including the assumption that, there will be no material adverse change in metal prices, all necessary consents, licenses, permits and approvals will be obtained, including various local government licenses and the market. Investors are cautioned that these forward-looking statements are neither promises nor guarantees and are subject to risks and uncertainties that may cause future results to differ materially from those expected. Risk factors that could cause actual results to differ materially from the results expressed or implied by the forward-looking information include, among other things: failure to identify mineral resources; failure to convert estimated mineral resources to reserves; the inability to complete a feasibility study which recommends a production decision; the preliminary nature of metallurgical test results; the inability to recover and process mineralization using known mining methods; the presence of deleterious mineralization or the inability to process mineralization in an environmentally acceptable manner; commodity prices, supply chain disruptions, restrictions on labour and workplace attendance and local and international travel; a failure to obtain or delays in obtaining the required regulatory licenses, permits, approvals and consents; an inability to access financing as needed; a general economic downturn, a volatile stock price, labour strikes, political unrest, changes in the mining regulatory regime governing Aurania; a failure to comply with environmental regulations; a weakening of market and industry reliance on precious metals and base metals; and those risks set out in the Company's public documents filed on SEDAR+. Aurania cautions the reader that the above list of risk factors is not exhaustive. Although the Company believes that the assumptions and factors used in preparing the forward-looking information in this news release are reasonable, undue reliance should not be placed on such information, which only applies as of the date of this news release, and no assurance can be given that such events will occur in the disclosed time frames or at all. The Company disclaims any intention or obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, other than as required by law.

Dieser Artikel stammt von Rohstoff-Welt.de Die URL für diesen Artikel lautet:

https://www.rohstoff-welt.de/news/696955--New-Inversion-Data-Reveals-Six-Anomalies-at-Aurania-Resourcesund039s-Awacha-Target.html

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere AGB/Disclaimer!

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt! Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2025. Es gelten unsere <u>AGB</u> und <u>Datenschutzrichtlinen</u>.

22.11.2025 Seite 2/2