Large Target Zone Confirmed at Aurania Resources's Awacha Porphyry Copper Target

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Aurania Resources Ltd. (TSXV: ARU) (OTCQB: AUIAF) (FSE: 20Q) ("Aurania" or the "Company") announces that a large zone of hydrothermal alteration has been revealed following data review and interpretation from the Anaconda-style mapping program completed at the Company's Awacha project in Ecuador in 2024. The Anaconda method is characterized by a systematic and detailed approach to recording geological data that has facilitated the discovery of several deposits, including the giant Alpala porphyry Cu-Au-Ag deposit in northern Ecuador and the Cortadera porphyry Cu-Au-Mo deposit cluster in northern Chile. Significantly, the zone of interest at the Awacha porphyry copper target area is spatially coincident with both a magnetic high anomaly and an area of elevated Mobile MagnetoTellurics (MobileMT) conductivity, warranting additional field work to refine drill hole locations for a future anticipated drill program.

Interpretation of the data was finalized in early June, and the Company engaged porphyry copper expert Dr. Steve Garwin (see press release dated June 27, 2025) to review the Anaconda-style mapping data and identify the most promising porphyry targets in the Awacha area. Dr. Garwin is credited as being instrumental in the discovery of several major ore deposits, including the Alpala porphyry copper-gold deposit at the Cascabel project in Ecuador. Dr Garwin has recommended evaluating the defined target through detailed 1:1,000- to 1:2,000-scale Anaconda-style mapping with the objective of establishing drill pad locations. He also advised extending field prospecting and soil sampling coverage to the west, over MobileMT anomalies 1 and 2 (see press release dated June 27, 2025).

Dr. Garwin confirmed that the Anaconda method has revealed a large zone (>6 km by 4 km) of hydrothermal alteration affecting Mesozoic hornblende-bearing intrusions hosted by Jurassic siliciclastic rocks (Santiago Formation). This alteration is characterized by an early-stage propylitic assemblage (chlorite + epidote), with localized zones of potassic (biotite) alteration, followed by a late-stage phyllic (quartz-sericite-pyrite), argillic (kaolinite-illite/smectite), and advanced argillic (dickite-pyrophyllite) alteration. A central argillic zone measuring approximately 2 km (north-south) by 1 km (east-west) is flanked by phyllic and localized advanced argillic zones (see Figure 1).

Rock-chip sampling has yielded up to 0.37% Cu, 0.20 g/t Au, 580 ppm As, 49 ppm Bi and 306 ppm Mo at the surface. Zones of elevated Cu:Zn ratios and Mo in soil and rock-chip define a 6km by 4km ring to the central argillic zone. Rock chips with chalcopyrite and elevated chalcopyrite:pyrite ratio define a ~ 2km diameter zone located to the southwest of the central argillic zone. Through-going and planar crystalline quartz veinlets, characterized by medial sutures of chalcopyrite-pyrite and seams of molybdenite are mapped in the vicinity of the chalcopyrite occurrences (see Figure 1). Both Cu and Mo are primary indicators of porphyry mineralization, with elevated Cu:Zn ratios and the sulphide-bearing veinlets suggesting proximity to the mineralized core.

Based on these observations, Dr. Garwin has delineated a 2,200 m x 1,200 m target zone, supported by a magnetic high anomaly and an area of elevated MobileMT conductivity (see Figures 2 and 3). Magnetic high anomalies can indicate zones of potassic alteration with abundant magnetite in the subsurface, which are closely associated with the core of mineralized porphyry systems. In proximity to the core, high conductivity anomalies can indicate the presence of electrically conductive sulphide minerals such as pyrite and the primary minerals of economic interest in porphyry copper deposits: chalcopyrite and bornite. Significantly, the subsurface magnetic and MobileMT highs are spatially coincident with high chalcopyrite/pyrite zones delineated in the surface mapping.

Figure 1: Main Anaconda method mapping results at the Awacha target area (high-priority target zone outlined in red) with select interpreted MobileMT anomalies (magenta outlines). Cp = chalcopyrite; Py = pyrite.

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Figure 2: Left image, MobileMT depth slice at 700 m above sea level showing the position of the Awacha target area (red outline) over the MobileMT anomaly 6 (red colour is high conductivity and blue colour is high resistivity). Right image, RTP magnetic airborne showing the position of the target area over the major magnetic anomaly.

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Figure 3: East-west cross section of the MobileMT 2.5D inversion at the Awacha target area (red outline in Figure 2 above Anomaly 6), looking north. The top of Anomaly 6 is approximately 200m below the surface.

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The Anaconda-style mapping was completed over a 17 km² area at the Awacha target. A total of more than 2,200 outcrops were studied and described by field geologists and subsequently compiled into a database.

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.

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-.

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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; an inability to fund or extend the payment of Ecuador mineral concession fees which are due and payable and could result in the forfeiture of such mineral concessions; an inability to fund the administrative fees imposed by the Ecuadorian Control and Regulation Agency (ARCOM for its Spanish acronym) on the mining sector which could render the Company insolvent; 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.