



LAURION Announces the Completion of 3D DCIP and MT Inversions, Unlocking Deeper Structural Insights at Ishkōday Project

Toronto, Ontario – July 29, 2025 – LAURION Mineral Exploration Inc. (TSX.V: LME | OTC/PINK: LMEFF) (“LAURION” or the “Corporation”) is pleased to announce the successful analysis and completion of a 3D magnetotelluric (MT) inversion over the Ishkōday Project, a significant advancement in subsurface imaging and structural modeling. The final 3D MT resistivity model—reaching depths of up to 2.5 km—demonstrates excellent correlation with known shear zones and fault structures, including the Niish shear zone, and reveals new deep-seated structural features previously undetected by traditional methods. These deep-seated structures are crucial in the circulation of hydrothermal fluids, responsible for the formation of the mineralized zones.

This inversion provides LAURION with a powerful tool to refine its geological model, better constrain major fault geometries, and identify new deep exploration targets. The results will now be integrated with historical drilling, LiDAR, magnetics, and DCIP datasets to develop a more predictive and structurally informed model of the mineral system. In particular, the new MT resistivity model, when integrated with these other datasets, will allow refinement of the locations and orientations of deep structures under cover. The improved understanding of regional and local structures strengthens LAURION's strategic targeting and supports its evolution from a near-surface explorer to an advanced, system-scale opportunity.

LAURION's 7,000-metre drilling program is in progress at the Ishkōday Project. In conjunction with this campaign, the geoscience team is integrating the results of the 3D MT inversion alongside its 2D and 3D DCIP datasets to refine structural interpretations and support confident, deeper drill targeting for subsequent exploration phases. This integrated geophysical framework significantly enhances the technical team's ability to vector drilling towards prospective mineralized structures at depth. Assay results from the ongoing program will be released once received, validated, and interpreted by LAURION's technical team.

LAURION remains steadfast in its systematic, data-driven exploration strategy, focused on unlocking the full potential of the Ishkōday Project, and is committed to disciplined, results-oriented advancement and continues to execute on its long-term growth strategy with confidence and precision.

Corporate Update

As a complement to its exploration activities, LAURION continues to actively evaluate potential strategic alternatives and transactional opportunities with the goal of maximizing shareholder value. The Corporation reiterates that it is engaged in ongoing discussions with U.S. Capital Global Partners and other parties in connection with this mandate.

While a large portion of LAURION's current focus remains on systematically advancing the Ishkōday Project through disciplined exploration, the Board of Directors remains attentive to strategic opportunities that could arise in the short or medium term. These may include acquisitions, mergers, or other value-accretive transactions aligned with LAURION's long-term objectives.

With a strong foundation of technical progress and expanding geological potential across the 57 km² Ishkōday land package, LAURION is well-positioned for continued strategic interest. Shareholders are reminded that any material developments will be promptly disclosed in accordance with applicable securities laws.

Qualified Person

The technical contents of this release were reviewed and approved by Jean-Philippe Paiement, PGeo, MSc, a consultant to LAURION, and a qualified person as defined by National Instrument 43-101 – Standards of Disclosure for Mineral Projects.

About LAURION Mineral Exploration Inc.

The Corporation is a mid-stage junior mineral exploration and development company listed on the TSXV under the symbol LME and on the OTC Pink under the symbol LMEFF. LAURION now has 274,012,283 outstanding shares, of which approximately 73.6% are owned and controlled by insiders who are eligible investors under the "Friends and Family" categories.

LAURION's emphasis is on the exploration and development of its flagship project, the 100% owned mid-stage 57 km² Ishkōday Project, and its gold-rich polymetallic mineralization. LAURION's chief priority remains maximizing shareholder value. A large portion of the Corporation's focus in this regard falls within the scope of its mineral exploration activities and more specifically, advancing the Ishkōday Project.

A consequence of LAURION's success and advancement over the past several years is that the Corporation has become positioned as an acquisition target for appropriate potential acquirors. Accordingly, the Corporation's Board of Directors is aware that possible strategic alternatives and transactional opportunities may arise and/or could be procured in the short or medium terms. The Corporation will promptly issue a press release if any material change occurs.

LAURION Mineral Exploration Inc.

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Caution Regarding Forward-Looking Information

This press release contains forward-looking statements, which reflect the Corporation's current expectations regarding future events including with respect to LAURION's business, operations and condition, management's objectives, strategies, beliefs and intentions, the Corporation's ability to advance the Ishkōday Project, the nature, focus, timing and potential results of the Corporation's exploration, drilling and prospecting activities in 2025 and beyond, including the Corporation's diamond drill program and the new MT resistivity model described in this press release and the Corporation's other planned activities for the Ishkōday Project for the remainder of 2025, and the statements regarding the Corporation's exploration or consideration of any possible strategic alternatives and transactional opportunities, as well as the potential outcome(s) of this process, the possible impact of any potential transactions referenced herein on the Corporation or any of its stakeholders, and the ability of the Corporation to identify and complete any potential acquisitions, mergers, financings or other transactions referenced herein, and the timing of any such transactions. The forward-looking statements involve risks and uncertainties. Actual events and future results, performance or achievements expressed or implied by such forward-looking statements could differ materially from those projected herein including as a result of a change in the trading price of the common shares of LAURION, the TSX Venture Exchange or any other applicable regulator not providing its approval for any strategic alternatives or transactional opportunities, the interpretation and actual results of current exploration activities, changes in project parameters as plans continue to be refined, future prices of gold and/or other metals, possible variations in grade or recovery rates, failure of equipment or processes to operate as anticipated, the failure of contracted parties to perform, labor disputes and other risks of the mining industry, delays in obtaining governmental approvals or financing or in the completion of exploration, as well as those factors disclosed in the Corporation's publicly filed documents. Investors should consult the Corporation's ongoing quarterly and annual filings, as well as any other additional documentation comprising the Corporation's public disclosure record, for additional information on risks and uncertainties relating to these forward-looking statements. The reader is cautioned not to rely on these forward-looking statements. Subject to applicable law, the Corporation disclaims any obligation to update these forward-looking statements. All sample values are from grab samples and channel samples, which by their nature, are not necessarily representative of overall grades of mineralized areas. Readers are cautioned to not place undue reliance on the assay values reported in this press release. NEITHER THE TSX VENTURE EXCHANGE NOR ITS REGULATION SERVICE PROVIDER (AS THAT TERM IS DEFINED IN THE POLICIES OF THE TSX VENTURE EXCHANGE) ACCEPTS RESPONSIBILITY FOR THE ADEQUACY OR ACCURACY OF THE CONTENT OF THIS NEWS RELEASE.