



LAURION Reports Multiple Gold and Polymetallic Intercepts, Including 3.75 m Grading 0.568 g/t Au, 12.40 g/t Ag, 0.46% Cu and 1.75% Zn and 0.50 m Grading 3.220 g/t Au and 6.29% Zn at Ishkōday

Highlights Include:

LBX26-106:

- **3.75 m** grading **0.568 g/t Au, 12.40 g/t Ag, 0.46% Cu** and **1.75% Zn** (278.75 m to 282.50 m), including:
 - **2.30 m** grading **0.886 g/t Au, 19.26 g/t Ag, 0.73% Cu** and **1.64% Zn** (280.2 m to 282.5 m); and
 - **0.50 m** grading **1.730 g/t Au, 43.20 g/t Ag, 1.51% Cu** and **3.40% Zn** (282.0 m to 282.5 m).
- **4.70 m** grading **0.582 g/t Au, 2.53 g/t Ag, 0.07% Cu** and **0.93% Zn** (172.50 m to 176.50 m).
- **2.70 m** grading **0.742 g/t Au, 3.88 g/t Ag, 0.10% Cu** and **1.58% Zn** (174.50 m to 177.20 m), including:
 - **0.50 m** grading **3.220 g/t Au, 9.70 g/t Ag, 0.30% Cu** and **6.29% Zn** (174.50 m to 175.00 m).

LBX26-107:

- **1.15 m** grading **1.374 g/t Au, 10.10 g/t Ag, 0.49% Cu** and **2.01% Zn** (239.80 m to 240.95 m), including:
 - **0.50 m** grading **1.170 g/t Au, 20.10 g/t Ag, 1.03% Cu** and **3.64% Zn** (240.45 m to 240.95 m).
- **2.90 m** grading **0.608 g/t Au, 11.93 g/t Ag, 0.34% Cu** and **0.93% Zn** (351.40 m to 354.30 m), including:
 - **0.80 m** grading **1.975 g/t Au, 39.50 g/t Ag, 1.45% Cu** and **2.72% Zn** (353.50 m to 354.30 m).

TORONTO, Ontario — September 14, 2026 — LAURION Mineral Exploration Inc. (TSX-V: LME | OTC: LMEFF | FSE: 5YD) (“LAURION” or the “Company”) is pleased to report assay results from drill holes LBX26-106 and LBX26-107 from its ongoing 2026 Phase 1 diamond drilling program at its 100%-owned Ishkōday Gold and Polymetallic Project (“Ishkōday”), located approximately 220 km northeast of Thunder Bay and 28 km northeast of Beardmore, Northwestern Ontario.

Phase 1 Drill Program and Progress

Through targeted infill, expansion and exploration drilling, LAURION's 2026 Phase 1 drill program is designed to systematically advance the A-Zone, which may support the evaluation of a potential maiden Mineral Resource Estimate ("MRE"). Drill holes LBX26-106 and LBX26-107 were designed to test the A-Zone and McLeod mineralized systems at depth and along strike, tighten drill spacing, and evaluate priority geophysical targets. Together, the drilling is providing additional information regarding the geometry and potential extent of mineralization, and is being evaluated to assess continuity within the mineralized system.

LBX26-106 was designed to test the A-Zone down-plunge, including the down-plunge continuation of the vertical section of grade vectorization. The hole was intended to provide additional information to evaluate the continuity and geometry of mineralization at depth, and strengthen LAURION's geological understanding of the A-Zone.

LBX26-107 was designed to test the McLeod mineralized horizon while reducing the pierce-point spacing between 2022 drill holes. The hole also provided an opportunity to simultaneously test a chargeability anomaly identified in the 2015 Abitibi geophysical survey, combining tighter drill coverage of the known mineralized horizon with testing of a geophysical target.

Building on the program to date, LAURION increased its planned Phase 1 drilling from 3,865 metres to 5,605 metres across 22 drill holes. The expanded program is being informed by SRK Consulting's independent structural gap analysis of the A-Zone, which identified five priority target areas where additional drilling may address key gaps in the existing drill database and further strengthen geological understanding. LAURION is using this framework, together with ongoing drill results, to prioritize near-term drilling as it continues to systematically advance the A-Zone toward its potential maiden MRE. Specific targets, sequencing and timing remain subject to, among other things, ongoing results and available financing.

LBX26-106 Assay Summary

Hole ID	From (m)	To (m)	Core Length (m)	Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)
LBX26-106	16.00	17.50	1.50	0.180	5.57	0.05	2.19
including	17.00	17.50	0.50	0.374	13.5	0.08	5.61
LBX26-106	30.30	34.70	4.40	0.043	0.73	0.01	0.42
including	30.30	31.00	0.70	0.136	0.80	0.01	0.15
including	33.00	34.70	1.70	0.028	1.07	0.01	0.98
LBX26-106	59.50	60.00	0.50	0.133	2.80	0.05	2.52
LBX26-106	73.00	77.30	4.30	0.146	7.79	0.11	0.24
including	73.70	75.00	1.30	0.178	20.41	0.26	0.68
including	73.70	74.30	0.60	0.314	40.60	0.54	0.92
LBX26-106	104.00	104.70	0.70	0.329	0.90	0.01	0.07
LBX26-106	113.00	122.00	9.00	0.117	2.42	0.03	0.37
including	121.00	122.00	1.00	0.428	8.20	0.09	1.23
LBX26-106	149.00	150.50	1.50	0.336	3.24	0.03	0.84
including	149.80	150.50	0.70	0.672	5.80	0.05	0.81

LBX26-106	172.50	177.20	4.70	0.582	2.53	0.07	0.93
LBX26-106	174.50	177.20	2.70	0.742	3.88	0.10	1.58
including	174.50	175.00	0.50	3.220	9.70	0.30	6.29
LBX26-106	182.00	182.50	0.50	0.284	10.80	0.24	0.06
LBX26-106	215.00	216.00	1.00	0.110	1.40	0.03	0.25
LBX26-106	235.00	236.20	1.20	0.100	2.50	0.11	0.42
LBX26-106	250.70	251.20	0.50	0.617	2.80	0.01	0.10
LBX26-106	271.10	271.70	0.60	0.18	2.90	0.11	0.93
LBX26-106	278.75	282.50	3.75	0.568	12.40	0.46	1.75
including	280.20	282.50	2.30	0.886	19.26	0.73	1.64
including	282.00	282.50	0.50	1.730	43.20	1.51	3.40
LBX26-106	289.00	293.50	4.50	0.203	1.82	0.06	0.22
including	293.00	293.50	0.50	1.600	6.60	0.14	1.10
LBX26-106	304.00	305.00	1.00	0.174	1.40	0.05	0.13
LBX26-106	311.00	312.00	1.00	1.125	1.60	0.01	0.01

LBX26-107 Assay Summary

Hole ID	From (m)	To (m)	Core Length (m)	Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)
LBX26-107	58.30	59.80	1.50	0.160	1.03	0.03	0.24
LBX26-107	94.50	95.50	1.00	0.008	33.90	-	0.01
LBX26-107	104.50	106.00	1.50	0.266	0.25	-	0.03
LBX26-107	160.30	166.90	6.60	0.075	0.89	0.02	0.46
including	162.00	163.00	1.00	0.295	2.40	0.06	1.43
LBX26-107	191.20	192.30	1.10	0.165	1.00	0.01	0.04
LBX26-107	239.80	240.95	1.15	1.374	10.10	0.49	2.01
Including	240.45	240.95	0.50	1.170	20.10	1.03	3.64
LBX26-107	264.50	265.20	0.70	0.063	1.80	0.01	2.79
LBX26-107	290.30	291.30	1.00	0.189	0.53	0.01	0.01
LBX26-107	351.40	354.30	2.90	0.608	11.93	0.34	0.93
Including	353.50	354.30	0.80	1.975	39.50	1.45	2.72
LBX26-107	381.50	383.00	1.50	0.336	1.10	0.06	0.06

Actual Hole ID	Easting	Northing	Elevation	Planned Azimuth	Planned Dip	Planned Length
LBX26-106	446098	5512521	324	140	-60	360
LBX26-107	445993	5512394	330	140	-62	386

Note: All Core lengths are drilled thicknesses; true widths have not yet been determined. Intervals are calculated using a nominal cut-off and may include internal dilution; "including" intervals are sub-intervals of higher grade contained within the reported interval.

Sampling and QA/QC Protocols

All drill core is transported and stored inside the core logging facility located at the Ishkōday Project in Greenstone, Ontario.

LAURION employs an industry standard system of external standards, blanks and duplicates for all of its sampling, in addition to the QA/QC protocol employed by the laboratory. After logging, core samples were identified and then cut in half along the core axis in the same building and then zip tied individually in plastic sample bags with a bar code. Approximately five or six of these individual bags were then stacked into a "rice" white material bag and stored on a skid for final shipment to the laboratory. All core samples were shipped to the ALS facility in Thunder Bay, Ontario, which were then prepared by ALS Global Geochemistry in Thunder Bay and analyzed by ALS Global Analytical Lab in North Vancouver, British Columbia. Samples are processed by 4-acid digestion and analyzed by fire assay on 50 g pulps and ICP-AES (Inductively Coupled Plasma – Atomic Emission Spectroscopy).

Over limit analyses are reprocessed with gravimetric finish. A total of 5% blanks and 5% standard are inserted randomly within all samples. 5% of the best assay result pulps were sent for re-assays. All QA/QC results were verified, and no contamination or bias was observed. The remaining half of the core, as well as the unsampled core, is stored in temporary core racks at the core logging facility in Beardmore and moved to the core storage facility at the Ishkōday Project.

Note: QA/QC review of standards and duplicates indicates analytical results are reliable. One zinc standard adjacent to a high-grade zinc interval returned elevated values consistent with expected analytical behaviour following high-grade samples.

Qualified Person

The technical contents of this press release have been reviewed and approved by Dr. Trevor Boyd, Ph.D., P.Geo., a consultant to LAURION and a Qualified Person as defined by National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* ("NI 43-101"). Dr. Boyd is independent of the Company within the meaning of NI 43-101.

About LAURION

LAURION Mineral Exploration Inc. is listed on the TSX Venture Exchange (LME), OTCQB (LMEFF), and Frankfurt Stock Exchange (5YD), and is a mid-stage Canadian mineral exploration company, focused on advancing the 100%-owned Ishkōday Gold and Base Metal Project in Northern Ontario.

The Ishkōday Project covers approximately 57 km² within the prolific Beardmore–Geraldton and Onaman–Tashota Greenstone Belts and hosts a single 6.0 km by 2.5 km mineralised corridor. Historical and modern exploration programs have completed over 98,000 metres of drilling, confirming a large and evolving gold-rich base metal mineral system.

LAURION's strategy emphasizes disciplined, data-driven exploration, systematic technical advancement, integrated geological modelling, and responsible capital allocation. The Company is focused on strengthening geological confidence, expanding the scale of the mineral system, and positioning the project for a potential future MRE. LAURION continues to evaluate opportunities that may enhance project development flexibility, including potential non-dilutive initiatives such as the evaluation of historical surface stockpile processing. The Company's objective is to build technical clarity, scale, and long-term

project value before monetization, ensuring that future development decisions or strategic opportunities are supported by strong geological foundations and reduced execution risk.

Cynthia Le Sueur-Aquin, President and CEO of LAURION, is the Company's largest shareholder, holding 17,221,306 common shares, reflecting strong alignment between management and shareholders.

For Further Information, Contact:

LAURION Mineral Exploration Inc.
Cynthia Le Sueur-Aquin – President and CEO
Tel: 1-705-788-9186 Fax: 1-705-805-9256

Douglas Vass - Investor Relations Consultant
Email: info@laurion.ca
Website: <http://www.LAURION.ca>

Follow us on: X (@LAURION_LME), Instagram (laurionmineral) and LinkedIn

Caution Regarding Forward-Looking Information

This press release contains forward-looking statements, which reflect the Company's current expectations regarding future events including with respect to LAURION's business, operations and condition, management's objectives, strategies, beliefs and intentions, the Company's ability to advance the Ishkōday Project and achieve the Company's strategic and technical objectives (within the above-stated timeframes, if at all), including with respect to the Company's expectations regarding the MRE, the nature, focus, timing and potential results of the Company's exploration, drilling and prospecting activities, including the Company's exploration program and planned exploration and drilling activities referenced in this press release, and the statements regarding the Company'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 Company or any of its stakeholders, and the ability of the Company 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 failure to obtain the consents, permits and/or approvals from applicable governmental bodies, regulators and First Nations communities, required in connection with the Company's strategic and technical objectives, the risk that additional drilling may not support the preparation of an MRE, 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 Company's publicly filed documents. Investors should consult the Company's ongoing quarterly and annual filings, as well as any other additional documentation comprising the Company'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 Company disclaims any obligation to update these forward-looking statements. 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.