

29 December 2025

NEW LIDAR SURVEY COMPLETION ACCELERATES PLANNING AND ENGINEERING WORK AT LA BLACHE AND LAC BRULE

Technology-driven critical metals company advancing Western supply resistance through patented processing IP, strategic exploration assets, and global commercial partnerships.

Highlights

~46.05 km² of high-resolution airborne LiDAR (“Light Detection and Ranging”) survey completed at both La Blache and Lac Brule Projects, delivering engineering-grade topographic data suitable to support future engineering and feasibility studies planning.

- LiDAR survey integrates with recently completed HQ diamond drilling at both La Blache and Lac Brule, together with previous drilling campaigns, enabling refined geological, engineering and modelling.
- LiDAR will expedite future drilling programs, fieldwork and infrastructure planning.
- Assay results from the recently completed drilling campaigns are being processed with initial results expected to flow from January 2026.
- 181 historic holes (36,614m) will be re-evaluated for Gallium and other Rare Earth Elements (“REE”) potential, with re-assay programs commencing January 2026 and results expected in March 2026.
- Preliminary indications from historical data review suggest potential for gallium and scandium; however, no reportable Exploration Results for these elements are available at this stage, and further analytical work is required
- Historic and recent drill core will support the development of Temas’ patented Regenerative Chloride Leach (“RCL”) technology, targeting up to 65% in cost reductions and enhanced recovery across critical metals, with initial test results expected in early CY2026.
- Discussions regarding third-party testing of gold, silver, nickel, REE and critical minerals, are well underway and we expect to be able to update the market on these throughout the new year.

Temas Resources Corp. (“Temas” or the “Company”) [ASX: TIO | CSE: TMAS | OTCQB: TMAF | FSE: 26P0] is pleased to announce that it has received survey data from an airborne LiDAR survey at the La Blache and Lac Brule properties in Québec, Canada. This dataset provides detailed topographic and structural information critical to future planning, engineering interpretation and environmental baseline work at both projects.

The primary objective was to generate a high-quality digital elevation model (“DEM”) beneath thick forest cover, suitable for geological mapping, structural interpretation, mineral resource estimation (“MRE”), engineering planning and permitting. LiDAR is a high-resolution, laser-based mapping technique that generates a detailed three-dimensional “point cloud” of terrain surface.

The LiDAR dataset will contribute to multiple technical activities, including:

- Enhanced geological and structural modelling
- Refinement of planned infrastructure layouts

- Identification of hydrological features and surface conditions
- Prioritisation of exploration targets and drill vectors
- Support for environmental permitting baseline work

Tim Fernback, CEO, of Temas Resources, commented:

"The completion of this high-resolution LiDAR survey provides us with an exceptionally detailed view of the terrain across both La Blache and Lac Brule. This rich dataset materially strengthens our technical foundation for future work, including drill targeting, engineering planning and environmental baseline studies. It further positions Temas to integrate all geological and structural data as we progress toward next-generation project optimisation and value creation."

Mr. David Caldwell, Temas Chief Operating Officer, commented:

"LiDAR at La Blache gives us a much sharper and more accurate state-of-the-art bare-earth surface at the decimetre level which fundamentally upgrades our spatial foundation for everything compared to the coarse government DEM which could have inaccuracy due to tree cover and smoothing of up to 10s of meters. In practice this newly acquired dataset will become the master topographic control for environmental, permitting, geological modelling, targeting, resource modelling and engineering, pit design, haul road layout and pit slopes for each of the deposit areas at La Blache. We have also engaged a re-surveying program for the legacy handheld collar locations which can also have inaccuracies of up to 10s of meters. Together the sub-decimetre quality differential GPS and the new LiDAR coverage comfortably bring our spatial accuracy, precision and understanding to the level required by feasibility level work on this world class vanadium titanomagnetite (VTM) resource at La Blache."

With drilling now complete, Temas will undertake a comprehensive drill core analysis and assay program to refine its geological model and advance metallurgical testwork for its proprietary **Regenerative Chloride Leach ("RCL") platform technology**.

Tim Fernback, CEO, of Temas commented:

"La Blache and Lac Brule hold compelling multi-element potential, and integrating our proprietary **RCL processing technology** into our development work enhances the long-term value of both projects. Early observations of gallium and scandium alongside titanium and vanadium broaden potential revenue streams and provide additional datasets to inform our RCL advancement.

"Temas plans to both license and joint venture the use of this technology internationally now that it has been shown to assist in developing metallurgically complex **Gold, Silver, Nickel, Critical Mineral** and **Rare Earth Element** deposits. We look forward to progress across geochemistry, metallurgical testing and technology validation in early 2026."

REGNERATIVE CHLORIDE LEACH ("RCL") TECHNOLOGY UPDATE

Drill core from the current and historic program totalling over 40,000 m, will be used to further refine RCL technology development. Testing is expected to commence in January 2026, with initial results anticipated in



February and March 2026. RCL is central to unlocking value of our projects and has significant potential application across complex mineralised systems globally. Discussions regarding third-party testing of **gold, silver, nickel, REE and critical minerals**, are well underway and we expect to be able to update the market on these throughout the new year.

Temas has now been approached by several third-party companies to bench test their deposits for potential RCL application.

Foreign Resource Cautionary Statements

Details regarding the foreign mineral resource estimate, project details and associated exploration results are set out in the Company's *Prospectus dated 29 August 2025* (the "Prospectus"). The Company confirms that it is not aware of any new information or data that materially affects the information included in the La Blache Project description in the Prospectus. The Prospectus is available on the Company's website at www.temasresources.com/investors or through the ASX platform under announcement dated 15 July 2025.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the La Blache Project description in the Prospectus. The Company confirms that all material assumptions and technical parameters underpinning the foreign resource estimate and exploration results in this original Prospectus continue to apply and have not materially changed. The estimates of the quantity and grade of mineralisation for the La Blache Project are set out in the La Blache Project in the Prospectus and are "foreign estimates" within the meaning of the ASX listing rules and are not reported in accordance with the JORC Code 2012. A competent person has not undertaken sufficient work to classify the foreign estimates as mineral resources in accordance with the JORC Code 2012. It is uncertain that following evaluation and further exploration work that the foreign estimates will be able to be reported as mineral resources in accordance with the JORC Code.

- ENDS -

Approved for Release by the Board of Directors

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excludes all liability whatsoever (including in negligence) for an loss or damage which may be suffered by any person as a consequence of any information in this announcement or any effort or omission therefrom. The Company will not update or keep current the information contained in this announcement or to correct any inaccuracy or omission which may become apparent, or to furnish any person with any further information. Any opinions expressed in the announcement are subject to change without notice.

Competent Person's / Qualified Person's Statement

The information in this announcement that relates to Exploration Results and Mineral Resources for the La Blache and Lac Brûlé Titanium-Vanadium Projects in Québec, Canada, is based on, and fairly represents, information and supporting documentation prepared and compiled by Mr Malcolm Castle, BSc (Hons), GCertAppFin (Sec Inst), MAusIMM, Principal Consultant of Agricola Mining Consultants Pty Ltd.

Mr. Castle's role as Competent Person is limited to the geological information and Exploration Results disclosed in this announcement. He has not reviewed or reported on metallurgical testwork, processing technology, or economic assessments.

Mr Castle is a Member of the Australasian Institute of Mining and Metallurgy (MAusIMM). He has sufficient experience that is relevant to the style of mineralisation, the type of deposit under consideration, and the activity being undertaken 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 (JORC Code 2012)* and a Qualified Person as defined by NI43-101.

Mr Castle is the Principal Consultant of Agricola Mining Consultants Pty Ltd, which provides independent geological and technical advisory services to Temas Resources Corp. He has reviewed the information presented in this announcement and consents to the inclusion in the report of the matters based on his information in the form and context in which they appear.

Agricola Mining Consultants Pty Ltd is an independent geological and technical consultancy and has no direct or indirect interest in Temas Resources Corp.

About Temas Resources

Revolutionising Metal Production

Proprietary IP. Global Licensing. Titanium & Critical Minerals.

Temas Resources Corp. (**ASX:TIO | CSE:TMAS | OTCQB:TMASF | FRA:26P0**) is a technology-driven critical minerals company advancing a dual-business model built around proprietary processing innovation and strategic mineral ownership. The Company's patented Regenerative Chloride Leach (RCL) technology platform delivers



operational cost reductions — preliminary internal studies indicate potential at up to 65% lower than traditional processing — while reducing energy use and environmental impact. These technology performance estimates are conceptual in nature, are not supported by a completed feasibility study, and do not form part of any Mineral Resource or Ore Reserve estimate

Temas' RCL process is the foundation of its technology licensing and partnership business, enabling global mining and materials companies to adopt sustainable, high-margin metal extraction methods across a range of critical minerals including titanium, vanadium, nickel, and rare earth elements.

Complementing its technology division, Temas also owns 100% of two advanced titanium-vanadium-iron projects in Québec, Canada — La Blache and Lac Brûlé — which are strategically positioned to feed directly into the Company's proprietary processing platform, creating a fully integrated mine-to-market supply chain for Western metals.

Through this combination of innovative IP commercialisation and resource ownership, Temas Resources is positioned to deliver scalable, low-carbon solutions that strengthen Western critical-mineral independence and create long-term value for shareholders.

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Cautionary Note Regarding Forward-Looking Statements

Neither the Canadian Securities Exchange nor the Market Regulator (as that term is defined in the policies of the Canadian Securities Exchange) accepts responsibility for the adequacy or accuracy of this news release.

This press release contains forward looking statements within the meaning of applicable securities laws. The use of any of the words "anticipate", "plan", "continue", "expect", "estimate", "objective", "may", "will", "project", "should", "predict", "potential" and similar expressions are intended to identify forward looking statements

Although the Company believes that the expectations and assumptions on which the forward-looking statements are based are reasonable, undue reliance should not be placed on the forward-looking statements because the Company cannot give any assurance that they will prove correct. Since forward looking statements address future events and conditions, they involve inherent assumptions, risks and uncertainties. Actual results could differ materially from those currently anticipated due to a number of assumptions, factors and risks. These assumptions and risks include, but are not limited to, assumptions and risks associated with mineral exploration generally and results from anticipated and proposed exploration programs, conditions in the equity financing markets, and assumptions and risks regarding receipt of regulatory and shareholder approvals.

Management has provided the above summary of risks and assumptions related to forward looking statements in this press release in order to provide readers with a more comprehensive perspective on the Company's future



operations. The Company's actual results, performance or achievement could differ materially from those expressed in, or implied by, these forward-looking statements and, accordingly, no assurance can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what benefits the Company will derive from them. These forward-looking statements are made as of the date of this press release, and, other than as required by applicable securities laws, the Company disclaims any intent or obligation to update publicly any forward-looking statements, whether as a result of new information, future events or results or otherwise.