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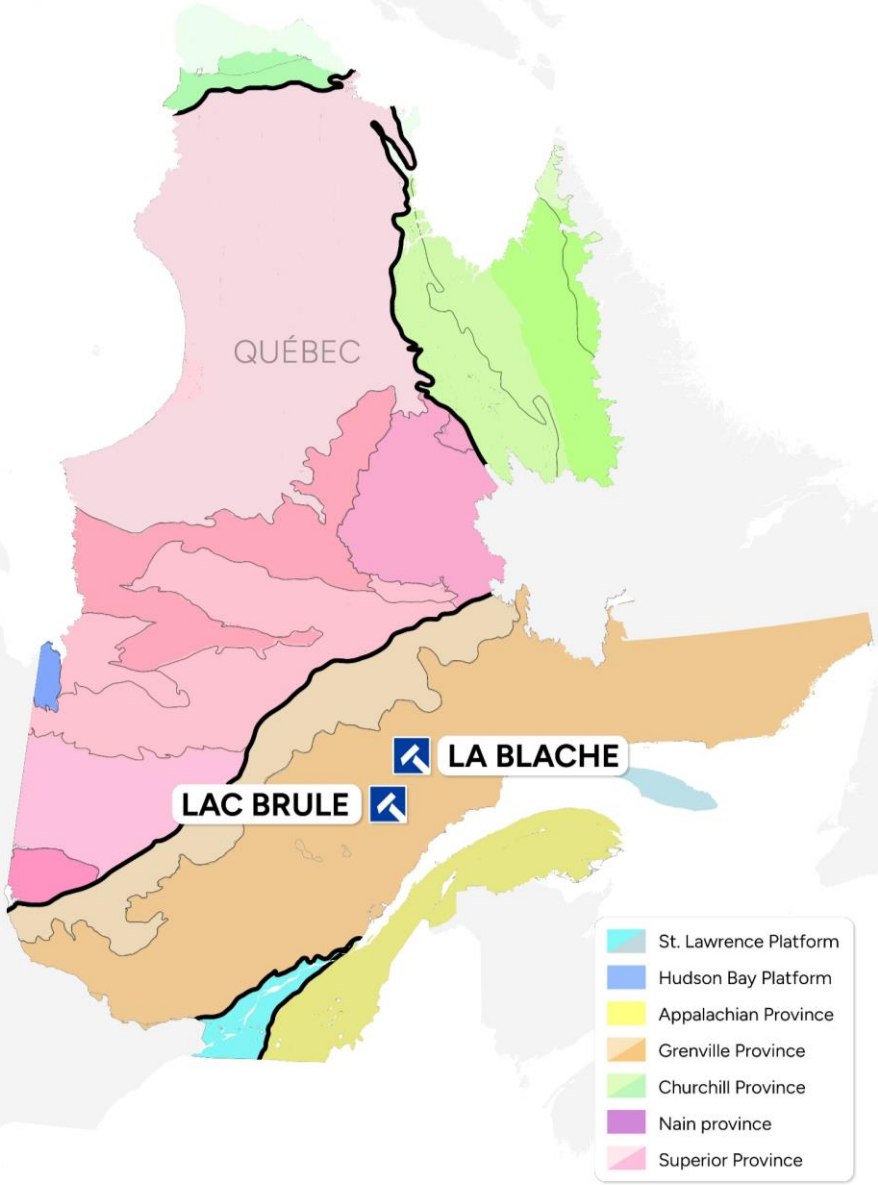
Forward Looking Statement

This presentation includes certain "Forward-Looking Statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 and "forward-looking information" under applicable Canadian securities laws. When used in this news release, the words "anticipate", "believe", "estimate", "expect", "target", "plan", "forecast", "may", "would", "could", "schedule" and similar words or expressions, identify forward-looking statements or information.

Forward-looking statements and forward-looking information relating to any future mineral production, liquidity, enhanced value and capital markets profile of Temas Resources, future growth potential for Temas Resources and its business, and future exploration plans are based on management's reasonable assumptions, estimates, expectations, analyses and opinions, which are based on management's experience and perception of trends, current conditions and expected developments, and other factors that management believes are relevant and reasonable in the circumstances, but which may prove to be incorrect. Assumptions have been made regarding, among other things, the price of iron, titanium, vanadium and other metals; no escalation in the severity of the COVID-19 pandemic; costs of exploration and development; the estimated costs of development of exploration projects; Temas Resources' ability to operate in a safe and effective manner and its ability to obtain financing on reasonable terms.

These statements reflect Temas Resources' respective current views with respect to future events and are necessarily based upon a number of other assumptions and estimates that, while considered reasonable by management, are inherently subject to significant business, economic, competitive, political and social uncertainties and contingencies. Many factors, both known and unknown, could cause actual results, performance or achievements to be materially different from the results, performance or achievements that are or may be expressed or implied by such forward- looking statements or forward-looking information and Temas Resources has made assumptions and estimates based on or related to many of these factors. Such factors include, without limitation: the Company's dependence on one mineral project; precious metals price volatility; risks associated with the conduct of the Company's mining activities in Quebec; regulatory, consent or permitting delays; risks relating to reliance on the Company's management team and outside contractors; risks regarding mineral resources and reserves; the Company's inability to obtain insurance to cover all risks, on a commercially reasonable basis or at all; currency fluctuations; risks regarding the failure to generate sufficient cash flow from operations; risks relating to project financing and equity issuances; risks and unknowns inherent in all mining projects, including the inaccuracy of reserves and resources, metallurgical recoveries and capital and operating costs of such projects; contests over title to properties, particularly title to undeveloped properties; laws and regulations governing the environment, health and safety; the ability of the communities in which the Company operates to manage and cope with the implications of COVID-19; the economic and financial implications of COVID-19 to the Company; operating or technical difficulties in connection with mining or development activities; employee relations, labour unrest or unavailability; the Company's interactions with surrounding communities and artisanal miners; the Company's ability to successfully integrate acquired assets; the speculative nature of exploration and development, including the risks of diminishing quantities or grades of reserves; stock market volatility; conflicts of interest among certain directors and officers; lack of liquidity for shareholders of the Company; litigation risk; and the factors identified under the caption "Risk Factors" in Temas Resources' management discussion and analysis. Readers are cautioned against attributing undue certainty to forward-looking statements or forward-looking information. Although Temas Resources has attempted to identify important factors that could cause actual results to differ materially, there may be other factors that cause results not to be anticipated, estimated or intended. Temas Resources does not intend, and does not assume any obligation, to update these forward-looking statements or forward-looking information to reflect changes in assumptions or changes in circumstances or any other events affecting such statements or information, other than as required by applicable law.



Opportunity Overview

Project Focus
Concentrating on two advanced critical metal projects in Quebec, with PEA on La Blache completed and plans to drill Lac Brule 2024

Metallurgical Advancements
Completed pilot plant testing on La Blache mineralization in 2022, yielding a high-quality 97.8% Titanium Dioxide (TiO_2) product.

Intellectual Property & Patents
Maintains a significant IP portfolio focused on eco-friendly extraction and processing technologies for metals such as Nickel, Iron, Gold, Titanium Dioxide, Zinc, and upcoming Rare Earth Elements.

Cost Reduction & Validation
The University of Minnesota's study validated that ORF Technologies' TiO_2 processing could cut costs by over 65% compared to industry averages.

Environmental Commitment
Implements closed-loop processing technology, minimizing waste by recycling and reusing chemicals.

Corporate Structure & Ownership
ORF Technologies holds 50% of a diverse extraction and metallurgical process portfolio, supported by a tight share structure with significant insider ownership.

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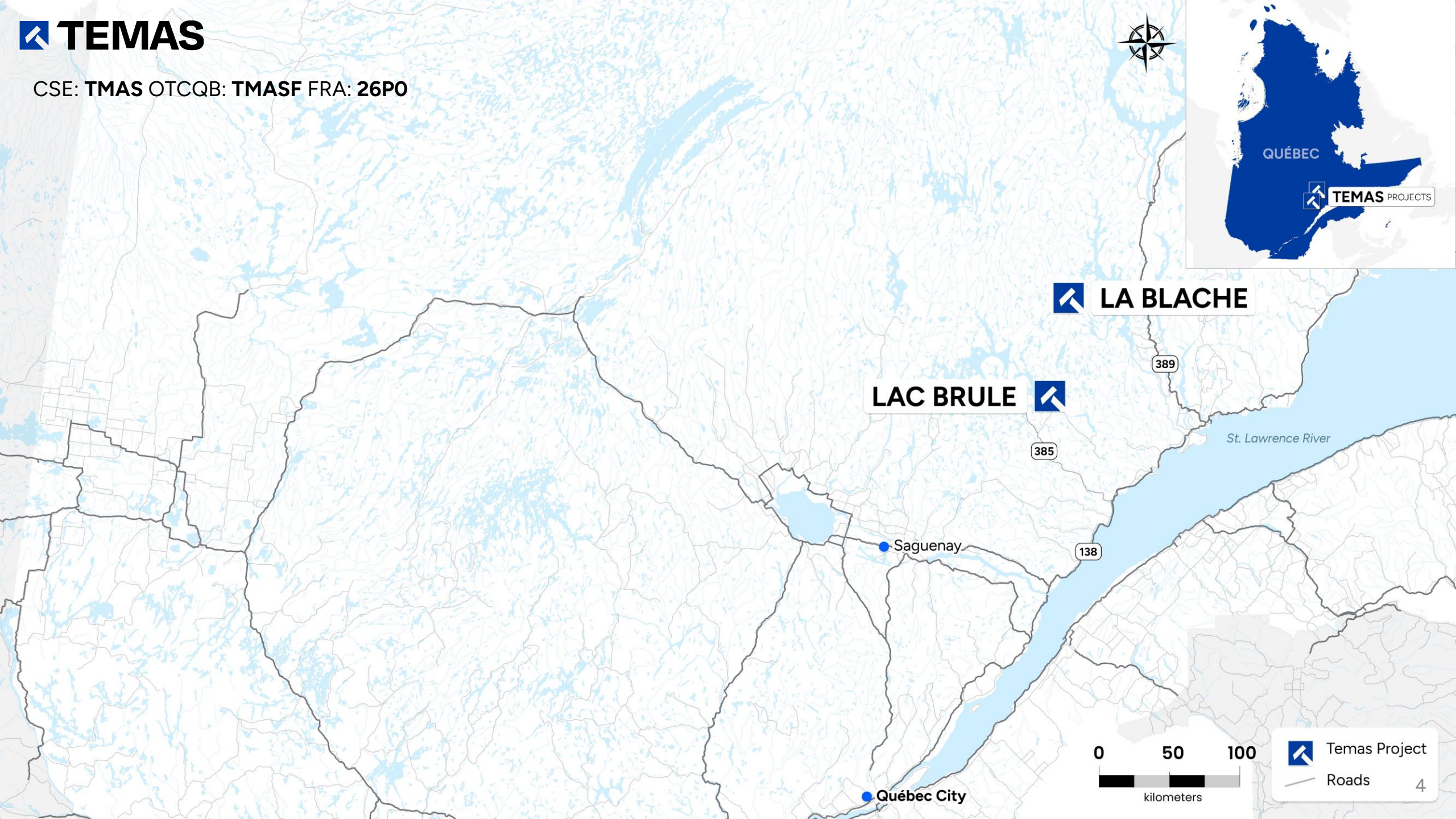

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La Blache

Iron | Titanium | Vanadium

Reported at a cut-off grade of 4.9 % TiO_2, at a minimum mining block size of 10x10x10 meters ("m"), considering 3.51:1 strip ratio, bench height 5m, pit slope of 45° processing and selling technical parameters and costs benchmark against similar projects and a selling price of USD $2,200/t ($TiO_2$), USD $14,200/t ($V_2O_5$) and USD $125/t ($Fe_2O_3$). All figures are rounded to reflect the relative accuracy of the estimates. Mineral Resources are not Mineral Reserves and do not have a demonstrated economic viability. The contained TiO_2 represents estimated contained metal in the ground and has not been adjusted for metallurgical recovery and may have discrepancies due to rounding.

An Inferred Mineral Resource is that part of a Mineral Resource for which quantity and grade or quality are estimated based on limited geological evidence and sampling. Geological evidence is sufficient to imply but not verify geological and grade or quality continuity. An Inferred Mineral Resource has a lower level of confidence than that applying to an Indicated Mineral Resource and must not be converted to a Mineral Reserve. It is reasonably expected that most of the Inferred Mineral Resources could be upgraded to Indicated Mineral Resources with continued exploration.

	Units	Semi-Massive-Oxide	Massive-Oxide	Total
Resource Category		Inferred	Inferred	Inferred
Resource	Mt	99.7	108.8	208.5
TiO_2	%	6.3	17.8	12.3
V_2O_5	%	0.1	0.3	0.2
Fe_2O_3	%	22.0	59.4	41.5
TiO_2 Eq	%	8.3	24.3	16.7
Contained TiO_2	Mt	6.2	19.4	25.6
Contained V_2O_5	Mt	0.1	0.3	0.4
Contained Fe_2O_3	Mt	21.9	64.6	86.5

CIM Definitions were followed for mineral resources and all tonnes are inferred mineral resources Mineral resources which are not mineral reserves do not have demonstrated economic viability.

Inferred mineral resources are considered too speculative geologically to have economic considerations applied to them that would enable them to be categorized as mineral reserves. There is also no certainty that these inferred mineral resources will be converted to the measured and indicated categories through further drilling, or into mineral reserves once economic considerations are applied.

Dated: May 14th, 2012 - Rounded to nearest 10k

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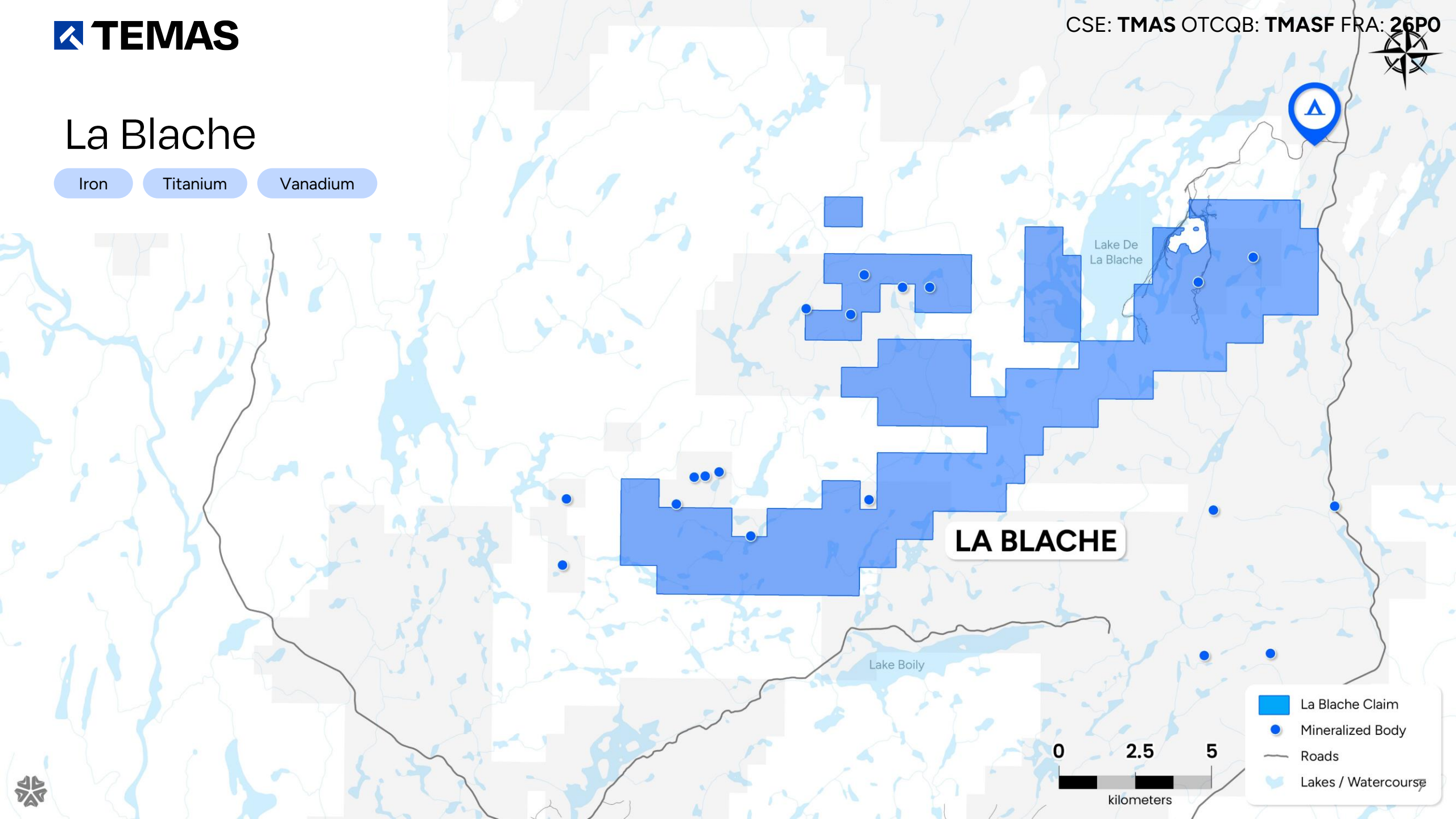
La Blache

Iron | Titanium | Vanadium



PEA Summary for La Blache

"We are extremely pleased with the strong economics presented in this PEA on the La Blache Titanium-Vanadium-Iron Project in Quebec. Titanium has been trading well above our assumptions of USD $2,200 per tonne for over three years at over USD $3,000 per tonne since August 2022, and we believe this trend will continue due to the increasing demand for TiO_2, major global supply coming to end of life, and lack of both brownfield expansion and new projects coming online in North America. The PEA further increases our confidence in the Project and showcases our proprietary, environmentally friendly extraction technology. With a current market cap of CAD $5M, I am excited to engage with all our stakeholders to unlock the value of this highly robust Project as we advance the asset forward."

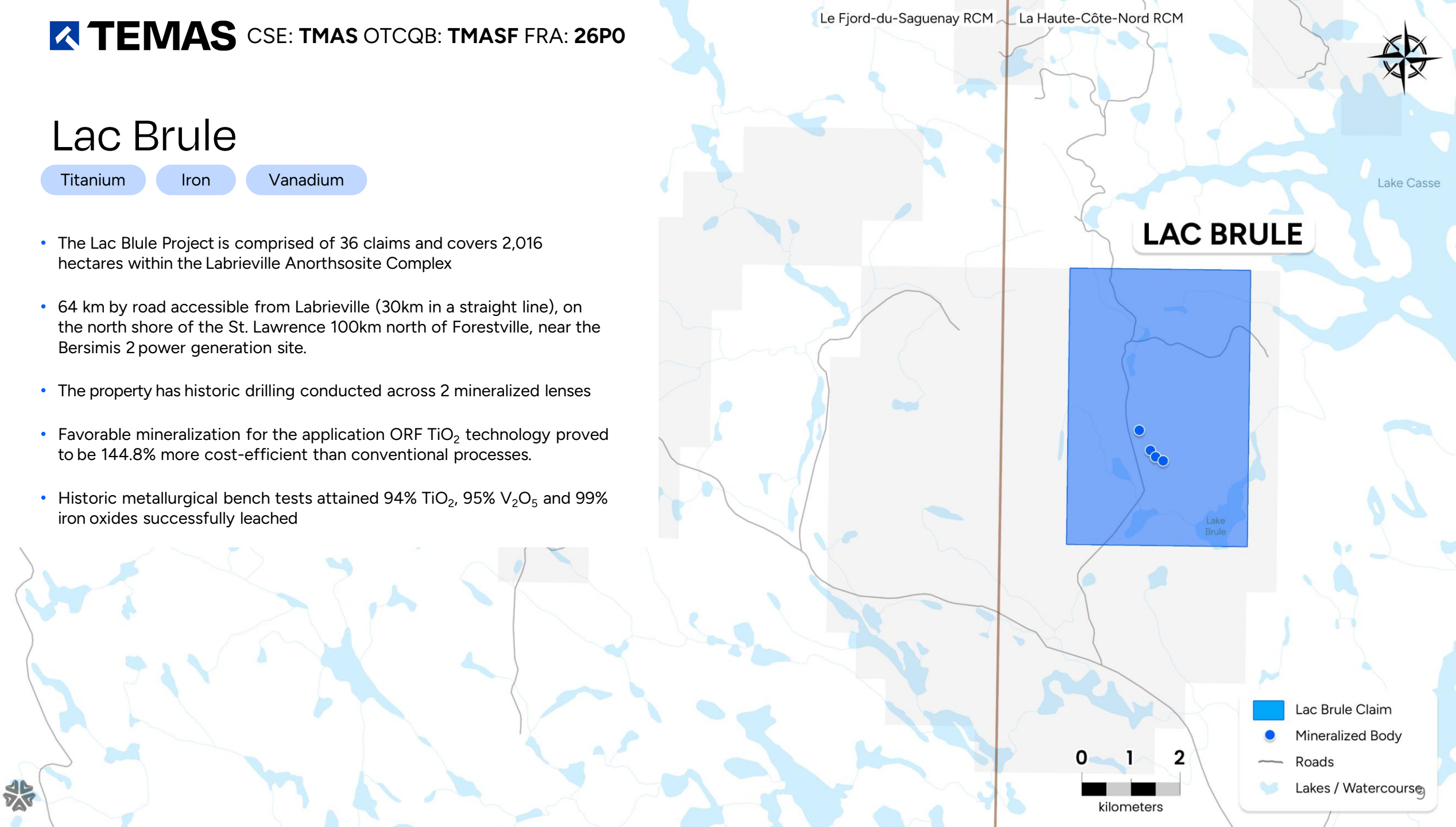
Tim Fernback,
President of Temas Resources

Parameter	Units	Value
Post-tax Net Present Value (NPV_8)	CAD $ Billion	6.8
Post-tax IRR	%	55.1
Initial capital cost (Capex) (including 15% contingency)	CAD $ Billion	1.2
Capex payback from commercial production	Months	25
Pre-production Development	Years	2
Life of Mine ("LOM")	Years	14
Gross Project Revenue	CAD $ Billion	37.2
Net Revenue (Revenue less transport offsite)	CAD $ Billion	31.8
EBITDA (Operating Profit)	CAD $ Billion	23.1
Net Project Cash Flow (pre-tax)	CAD $ Billion	21.8
Net Project Cash Flow (post-tax)	CAD $ Billion	15.9
Average Annual Gross Revenue	CAD $ Billion	2.7
LOM average annual EBITDA	CAD $ Billion	1.6
Net operating margin	%	62.0

Lac Brule

Titanium | Iron | Vanadium

- The Lac Blule Project is comprised of 36 claims and covers 2,016 hectares within the Labrieville Anorthsosite Complex
- 64 km by road accessible from Labrieville (30km in a straight line), on the north shore of the St. Lawrence 100km north of Forestville, near the Bersimis 2 power generation site.
- The property has historic drilling conducted across 2 mineralized lenses
- Favorable mineralization for the application ORF TiO_2 technology proved to be 144.8% more cost-efficient than conventional processes.
- Historic metallurgical bench tests attained 94% TiO_2, 95% V_2O_5 and 99% iron oxides successfully leached



What is TiO_2?

And what is it used for?

Titanium dioxide
is a naturally occurring oxide of titanium. It has the highest refractive index of any material known to man and is one of the whitest materials on earth

Whiteness & Opacity
When ground into a fine powder, it transforms into a pigment that provides maximum whiteness and opacity

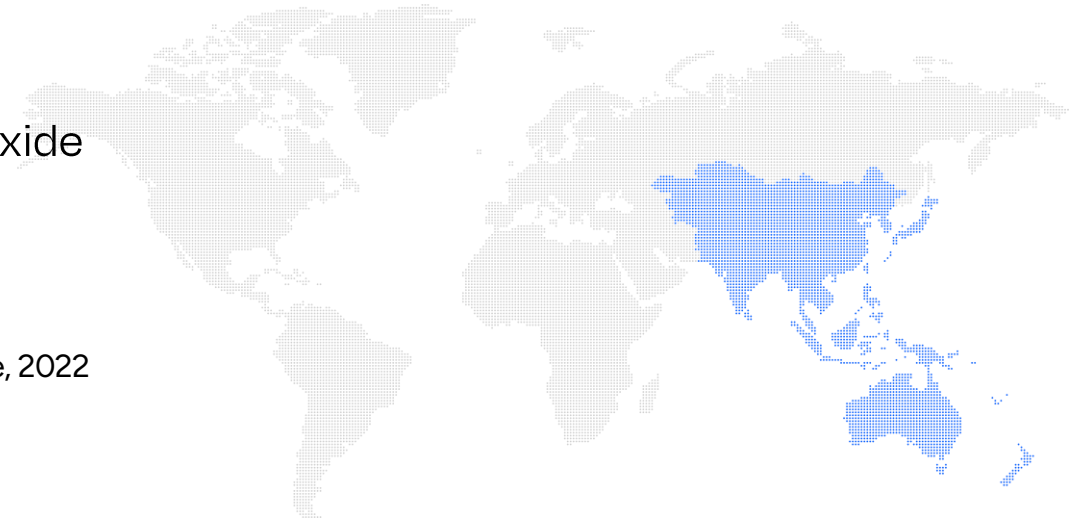
Use cases
TiO_2 pigments are used in paints and coatings, plastics, paper, building materials, cosmetics, pharmaceuticals, foods and many other commercial products

Titanium Dioxide by Application

Global Titanium Dioxide Market by Region

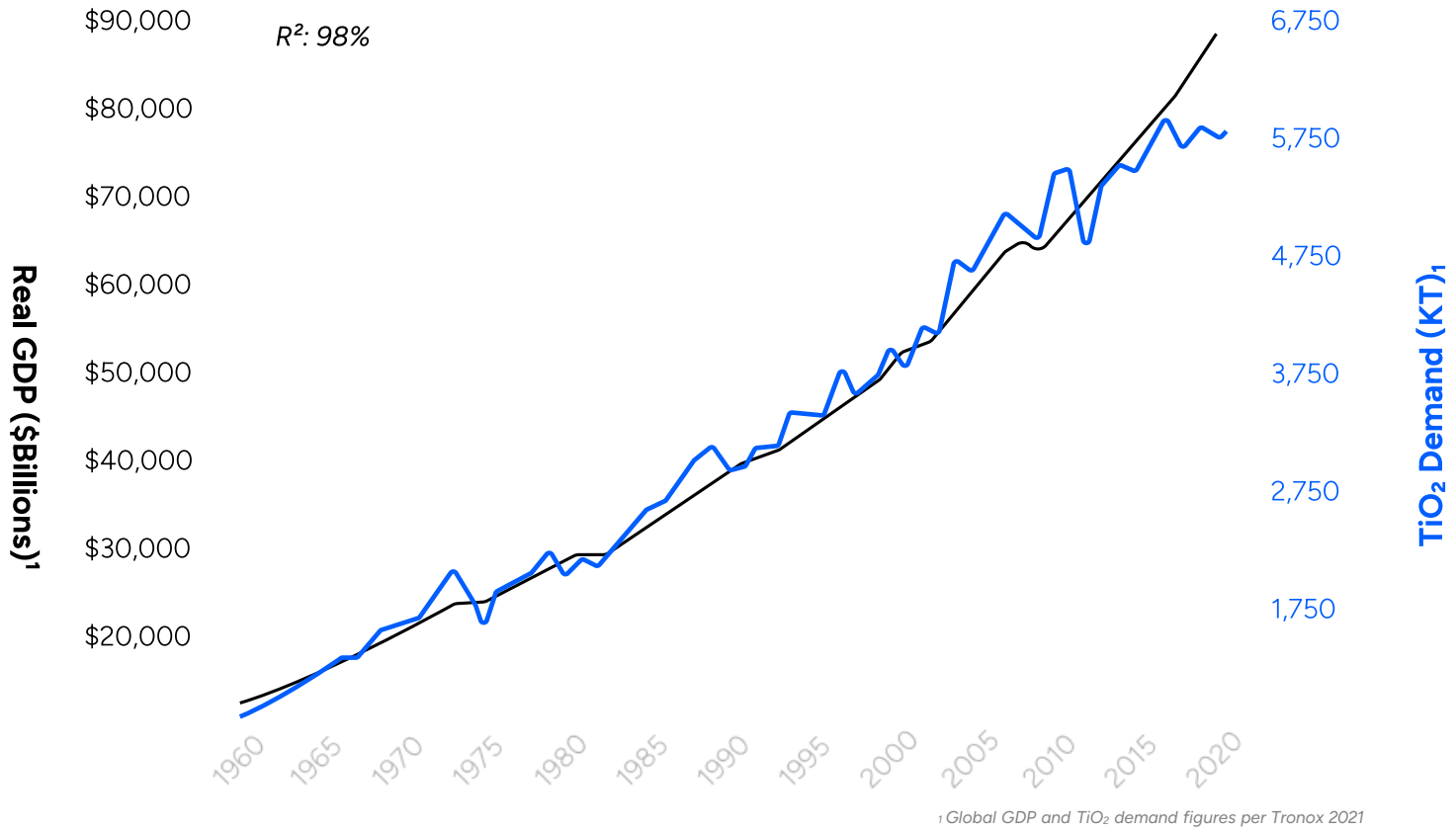
- Largest Market

42.4% Revenue Share, 2022



TiO_2 Market historically demonstrated a healthy track record of growth

- Long-term TiO_2 demand correlated with GDP growth
- Historical short-term swings in TiO_2 demand driven by customer stocking/ destocking actions
- Expected to be reduced going forward with margin stabilization strategy
- COVID-19 halted demand upturn in early 2020



1 Global GDP and TiO_2 demand figures per Tronox 2021

Current conditions indicate TiO_2 market is in the early stages of demand recovery

ORF Technologies

(50% Ownership)

Innovative Patent Portfolio: ORF boasts a comprehensive portfolio of patents for mineral extraction technologies developed over 50 years with an investment exceeding $20 million, indicating a significant dedication to innovation.

Expertise and Development: The experienced science team at ORF Technologies will continue to advance these technologies, ensuring ongoing innovation and operational expertise within the company.

Global Outreach and Spinoff Prospects: ORF is pursuing worldwide applications for its technologies, with the potential for specialized spinoffs to harness specific innovations.

Versatile Technology Suite: ORF's suite of technologies is designed to enhance their La Blache Project and is also adaptable for third-party mining projects, demonstrating the suite's flexibility and wide-ranging application potential.

Advantages

The innovative technologies in question substantially lower both capital and processing expenses by 30-50%, while also enhancing recovery rates in complex deposits. They enable on-site production of metal or high-value products, significantly improving the economics at the mine gate compared to traditional concentrators.

These technologies are particularly effective for high-acid-consuming carbonate (oxide) hosted ores, offering an environmentally friendly alternative that reduces the carbon footprint compared to conventional methods. They focus on base metals crucial for the electric vehicle revolution and energy generation and storage technologies, aligning perfectly with Environmental, Social, and Governance (ESG) policies.

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Technologies comparison of ORF process for TiO_2 production

Cost and Energy Efficiency:
A University of Minnesota study on ORF Technologies' patents concluded that the TiO_2 recovery process could slash production costs by nearly 70%, and the process is also less energy-intensive compared to the industry standard.

Market Potential:
The global market for TiO_2, valued at $15.76 billion, is anticipated to grow at a compound annual growth rate of 8.7% through 2025, signifying a substantial opportunity for ORF Technologies' efficient recovery process.

Quality and Versatility:
ORF Technologies' patented process can produce high-quality Titanium Dioxide (TiO_2) from low-grade materials and is applicable to all ilmenite ores, including those rich in Chromium (Cr), Cobalt (Co), and Vanadium (V), thus enabling the extraction of additional value from elements that are typically not recoverable with other methods.

Feature	Chloride	Sulphate	ORF
Raw Material	High cost (rutile)	Low cost (ilmenite)	**Lowest cost (ilmenite)**
Cost per Ton of TiO_2 Feed	>$2000	$300	**$250**
TiO_2 Product Value	High value	Low value	**High value**
Price per Ton of TiO_2	~$4500	>$3500	**~$4500**
Capital Expenditure (Capex)	Highest	Medium	**Lowest**
Operating Expenses (Opex)	Highest	Medium	**Lowest**
Environmental Impact	Medium challenges	Major challenges	**Most environmentally friendly**
Flexibility in Processing Raw Material	Limited	Limited	**Flexible**
Process Conditions	High Temp.	High Temp.	**Atmospheric**
Technology	Old	Old	**Patented, New**
End-to-End Processing in One Location	Not practiced	Possible	**Possible**
Pigment Production	Rutile/Anatase	Rutile/Anatase	**Rutile/Anatase**
Commercial Viability	In practice	In practice	**Innovatively applied, will soon be in practice**
Environmental Challenges	Disposal of byproducts	Disposal of byproducts	**Minimum environmental impact**
Safety Requirements	High	High	**Low**
Handling of Chemicals at High Temperatures	Challenges	N/A	**N/A**
Energy Consumption	High	High	**Efficient**
Sulfur Price Impact	No effect	Substantial effect	**No effect**

Board of Directors

Kyler Hardy

EXECUTIVE CHAIRMAN **DIRECTOR**

Kyler Hardy, with 20+ years in the resource sector, has founded/sold businesses, and holds leadership roles at Cronin Group, NuE Corp, and Hexa Resources among others.

Tim Fernback

CEO **DIRECTOR**

Mr. Fernback has 25+ years in venture capital and investment banking, is an ex-Regional Director for CFO Centre Limited in Western Canada. He has an MBA in Finance, a CPA designation, and leadership roles in public companies in Canada and the USA.

David Robinson

CFO **DIRECTOR**

David Robinson, a CPA and CA with 15+ years in accounting and capital markets, transitioned from MNP LLP to a senior analyst at TELUS Pension Fund, and is now CFO of the Cronin Group, overseeing its financial operations.

Rory Kutluoglu

DIRECTOR

Rory has 20+ years in geoscience across North America, contributed to the Broken Hammer deposit discovery and has held roles from Project Geologist to VP Business Development in various companies. Now, he's VP Technical Service at Cronin Group and CEO of Cloudbreak Exploration.

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Corporate Structure

16,137,398	Share Outstanding
7,148,028	Warrants
1,386,500	Options
24,671,926	Fully Diluted
~12.4%	Insider Ownership
Fiscal Year-End	December 31
Transfer Agent	Odyssey Trust Company
Auditors	De Visser Gray LLP

**As of February 2024*

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Kyler Hardy
CHAIRMAN & DIRECTOR

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