



## Critical Minerals for the Transition to a low-carbon economy

### Temas Team

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President, CEO and Director

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CFO

**David Robinson- CPA, CA**

Director

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Director

### Corporate Structure

|                    |            |
|--------------------|------------|
| Shares Outstanding | 9,832,403  |
| Warrants           | 1,465,920  |
| Options            | 568,889    |
| Fully Diluted      | 11,867,212 |
| Insider Ownership  | 16.4%      |

\*As of June 2023

## Opportunity Overview

- **Focus:** Advancing critical metals projects in Quebec
- **La Blache & Lac Brule Projects:** On going preliminary economic assessments (PEA) studies
- **Exploration Upside:** Both projects have undrilled geophysical anomalies which may represent additional mineralized lenses
- **Metallurgical Program & Resource Definition Drilling** completed in 2022 on La Blache
- **ORF Technologies:** 50% ownership of a metallurgical process portfolio
- **Significant portfolio of Intellectual Property** with a focus on environmentally conscious mineral extraction and processing
- **Patent Portfolio** includes Nickel, Iron, Gold, Titanium Dioxide & Zinc; **Pending:** Rare Earth Elements
- **Validation:** University of Minnesota's Natural Resources Research Institute study estimated ORF Technologies Titanium Dioxide ( $\text{TiO}_2$ ) process would reduce processing costs by over **65%** compared to the industry average





## Technologies

### ORF Technologies

- 50% ownership
- Environmentally friendly processing technology portfolio
- Technologies include processes for: Fe- Ti-V, Ni-Co-PGE, non- cyanide gold recovery
- Acid leaching and solvent extraction
- Closed-loop processing technology reduces waste by recycling and reusing most chemicals
- Ti-V process proven with 2022 La Blache metallurgical program

## Projects

### La Blache Fe-Ti-V Project – 100% owned

- PEA ongoing
- 2022 field program was based on the 2012 historic estimate as a reference
- The property is part of the La Blache Anorthosite Complex and hosts the Farrell-Taylor magnetite-ilmenite lens, which is the development focus
- Exploration upside with 2 additional lenses identified to date with initial drill holes
- Pilot Plant results yielded recoveries of 80%  $\text{TiO}_2$ , 94%  $\text{Fe}_2\text{O}_3$  and 99%  $\text{V}_2\text{O}_5$
- Pilot plant produced a high-grade  $\text{TiO}_2$  concentrate (97.8%)
- Excellent infrastructure (Power, Rail, Road)
- 127km north of Baie-Comeau, Quebec

### Lac Brule Ti-Fe-V Project – 100% owned

- Exploration program is designed, and permits are pending
- PEA planned for late 2023
- 64km by road from Labrieville
- Historic drilling conducted across 2 mineralized lenses
- Mineralization is amenable for the application of our  $\text{TiO}_2$  processing technology
- Historic metallurgical benchwork attained 94%  $\text{TiO}_2$ , 95%  $\text{V}_2\text{O}_5$  and 99%  $\text{Fe}_2\text{O}_3$  concentrate grades

