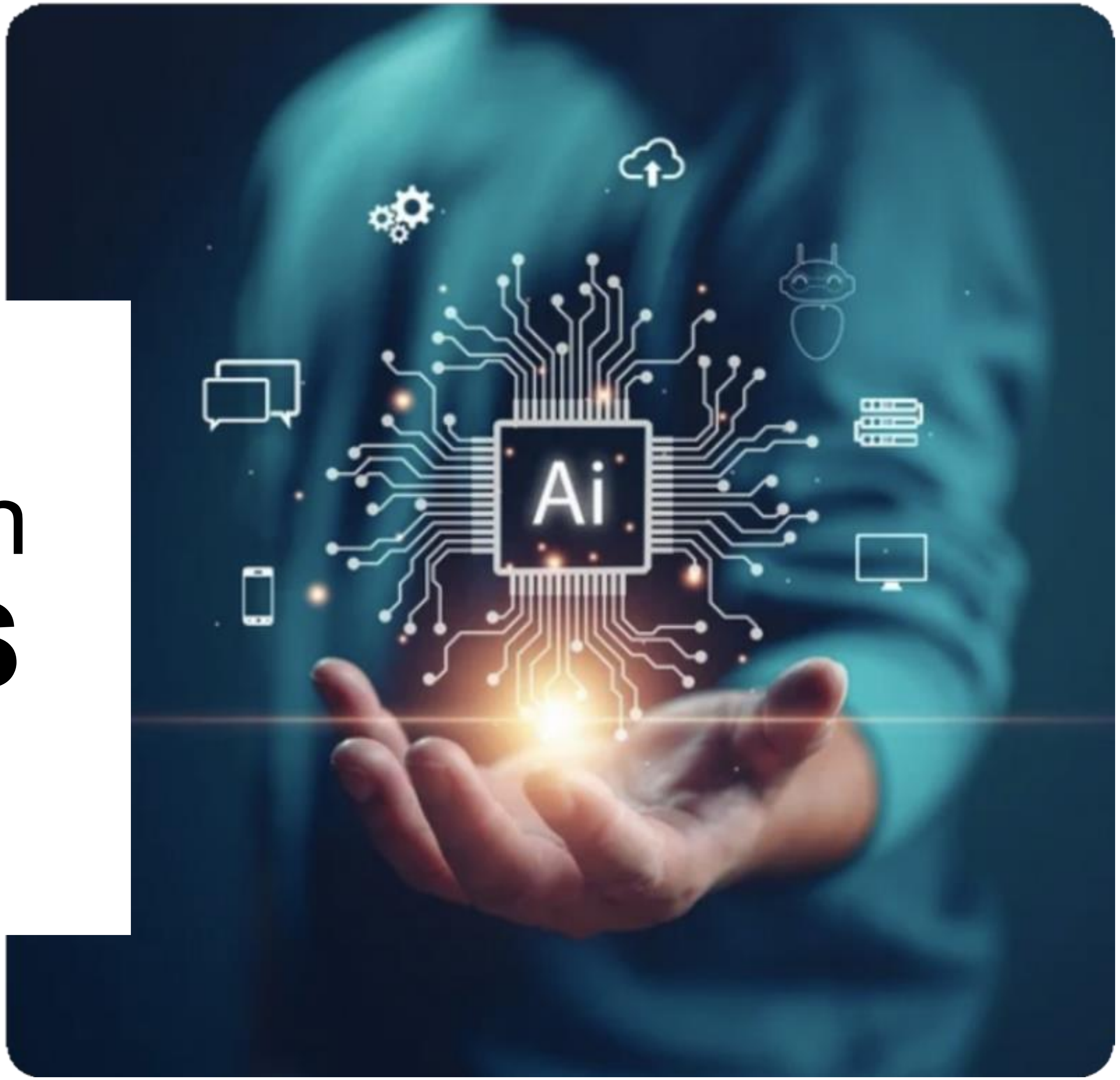
# Securing North American
# CRITICAL MINERALS

RARE EARTH ELEMENTS & GALLIUM
DEPOSIT in Ontario, Canada



# CAUTIONARY **STATEMENTS**

Certain statements contained in this presentation constitute forward-looking statements within the meaning of Canadian securities legislation. All statements included herein, other than statements of historical fact, are forward-looking statements which may include, without limitation, statements about the Company's plans for its investments and properties; the Company's business strategy, plans and outlook; the merit of the Company's investments and properties; timelines; the future financial performance of the Company; expenditures; approvals and other matters. Often, but not always, these forward looking statements can be identified by the use of words such as "estimate", "estimates", "estimated", "potential", "open", "future", "assumed", "projected", "used", "detailed", "has been", "gain", "upgraded", "offset", "limited", "contained", "reflecting", "containing", "remaining", "to be", "periodically", or statements that events, "could" or "should" occur or be achieved and similar expressions, including negative variations.

Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any results, performance or achievements expressed or implied by forward-looking statements. Such uncertainties and factors include, among others, changes in general economic conditions and financial markets; the Company or any joint venture partner not having the financial ability to meet its exploration and development goals; risks associated with the results of exploration and development activities, estimation of mineral resources and the geology, grade and continuity of mineral deposits; unanticipated costs and expenses; and such other risks detailed from time to time in the Company's quarterly and annual filings with securities regulators and available under the Company's profile on SEDAR at www.sedarplus.com. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results to differ from those anticipated, estimated or intended.

Forward-looking statements contained herein are based on the assumptions, beliefs, expectations and opinions of management, including but not limited to expectations that the Company's activities will be in accordance with its public statements and stated goals; that all required approvals will be obtained; that there will be no material adverse change affecting the Company, its investments or properties; and such other assumptions as set out herein. Forward-looking statements are made as of the date hereof and the Company disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise, except as required by law. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, investors should not place undue reliance on forward-looking statements.

This presentation of VOLTA Metals Ltd. ("VOLTA" or the "Company") is for information only and shall not constitute an invitation or offer to buy, sell, issue or subscribe for, or the solicitation of an offer to buy, sell or issue, or subscribe for any securities. It has been provided solely to assist the recipient in evaluating the Company. This presentation is not, nor is it to be construed under any circumstances as a prospectus, a public offering of securities, or an offering memorandum as defined under any applicable securities legislation. This presentation does not contain all of the information that would normally appear in an offering document registered under applicable securities laws. This presentation includes market and industry data obtained from various publicly available sources and other sources believed by the Company to be true. Although the Company believes it to be reliable, the Company has not independently verified any of the data from third party sources referred to in this presentation or analyzed or verified the underlying reports relied upon or referred to by such sources, or ascertained the underlying assumptions relied upon by such sources. The Company does not make any representation as to the accuracy or completeness of such information. This presentation should not be construed as legal, financial or tax advice to any person, as each person's circumstances are different. Readers should consult with their own professional advisors regarding their particular circumstances. Neither the Company, nor any of its shareholders, directors, officers, agents, employees, consultants or advisers give, have given or have authority to give any representations or warranties (express or implied) as to, or in relation to, the accuracy, reliability, completeness or suitability of the information in this presentation or any other written or oral information made or to be made available to the interested party or its advisors. This presentation does not constitute, and should not be construed as, an offer, invitation, solicitation or recommendation to buy or sell any of the securities of the Company nor will there be any sale of the Company's securities in any jurisdiction in which such offer, solicitation or sale would be unlawful. In making an investment decision, investors must rely on their own examination of the Company, including the merits and risks involved. The Company's securities have not been approved or disapproved by the U.S. Securities and Exchange Commission (the "SEC") or by any state securities commission or regulatory authority, nor have any of the foregoing authorities (or any Canadian provincial securities regulator) passed on the accuracy or adequacy of this presentation. Any representation to the contrary is a criminal offense. Unless otherwise stated, all references to "dollars" or "$" in this presentation refer to the lawful currency of Canada. This presentation contains information with respect to adjacent or similar mineral properties in respect of which the Company has no interest or rights to explore or mine, including, without limitation, the following properties: the Green Tech Metals Claims Seymour Project and the Green Tech Metals Root Lake Project. Readers are cautioned that the Company has no interest in or right to acquire any interest in any such properties, and that mineral deposits, and the results of any mining thereof, on adjacent or similar properties are not indicative of mineral deposits on the Company's properties or any potential exploitation thereof.

*Under the terms of NI 43-101, Andrew Tims, P.Geo., is Volta's Qualified Person. Mr. Tims has 30 years experience working in all aspects of mine discoveries and, mine development, and he has reviewed and approved the technical information contained in this presentation.*

# USE OF **RARE EARTH ELEMENTS**

*PERMANENT MAGNETS*

VOLTA METALS

## Essential for Current and Future Technologies in modern society and Defense

- Robotics & AI
- Electric Vehicles / Wind / Solar
- National Security / Defense / Military
- Communications

**LIGHT**

| 60 | 58 | 57 | 59 | 62 |
|---|---|---|---|---|
| Nd | Ce | La | Pr | Sm |
| Neodymium | Cerium | Lanthanum | Praseodymium | Samarium |

**HEAVY**

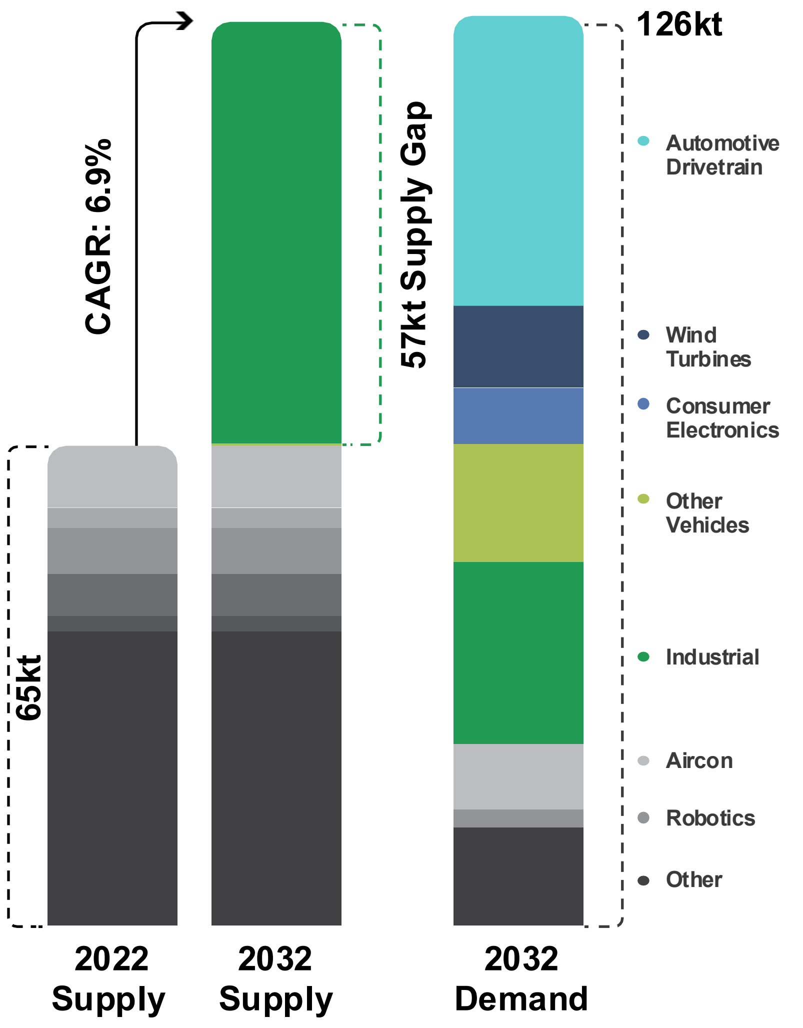
| 65 | 66 | 39 |
|---|---|---|
| Tb | Dy | Y |
| Terbium | Dysprosium | Yttrium |

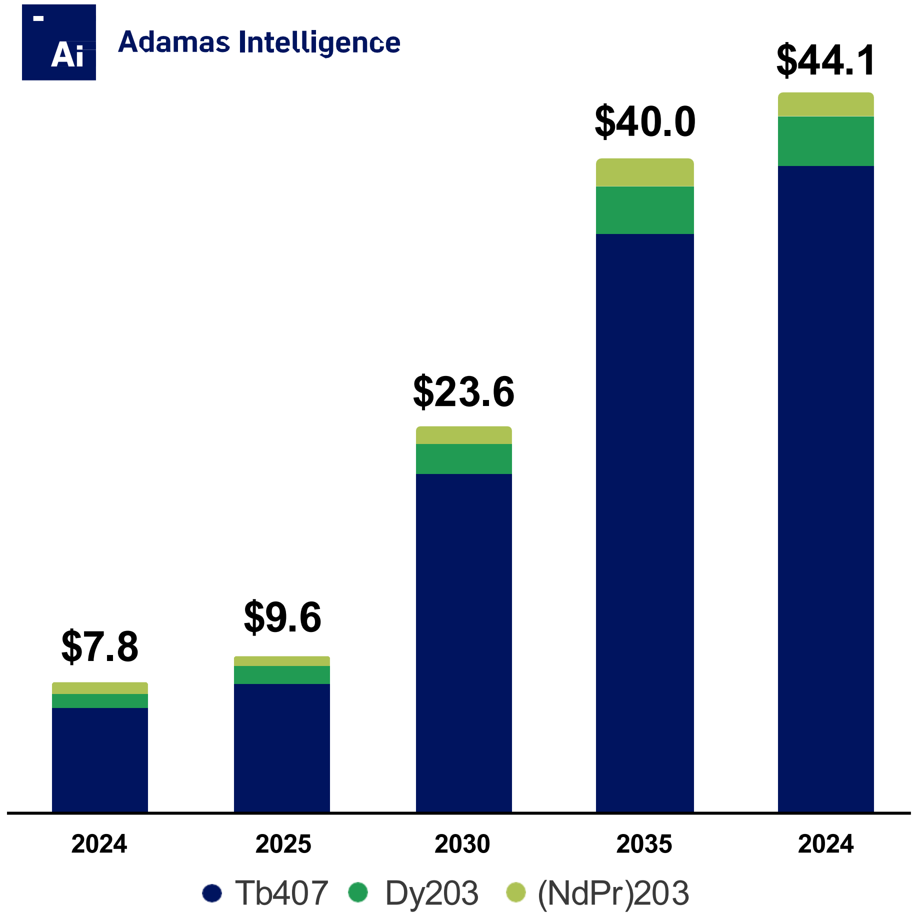
# DOMESTIC SUPPLY OF RARE EARTH MINERALS IS AN **INCREASED SECURITY ISSUE**

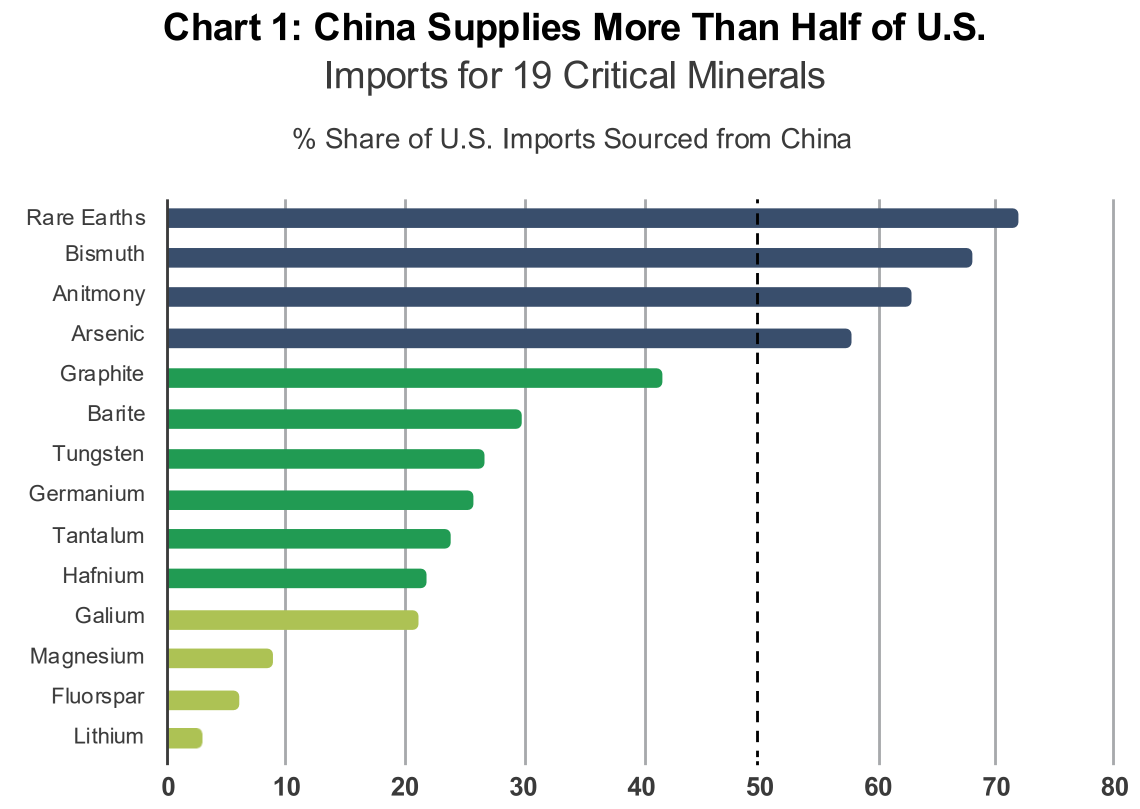
China controls **90%** of the downstream market, and **60%** of mining of Rare Earth Elements

Global magnet rare earth oxide consumption will quadruple from **US $9.6B in 2025 to US $44.1B by 2040**

China is the leading producer of **30 out of 50 US critical minerals**, with Rare Earth Minerals at the top




Note: Rare earths is a group of 16 critical minerals. **Red = 50%+, Yellow = 20-49%. Green = <20%.**
**Source: U.S. Geological Survey. TD Economics.**

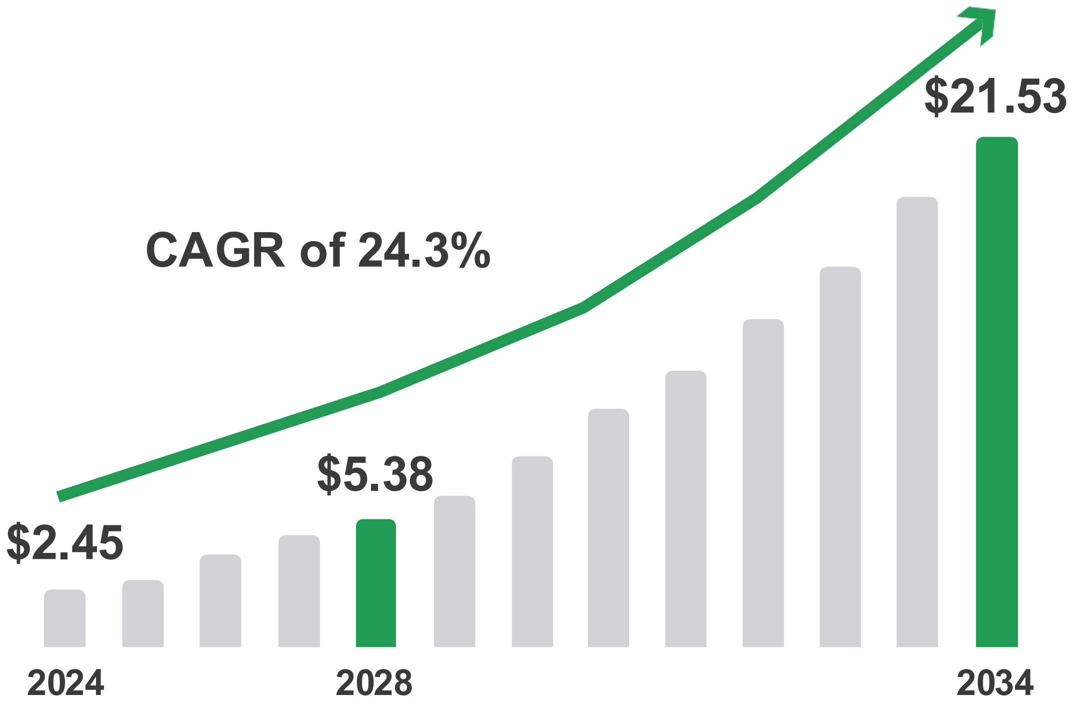
**Source**

Arafura internal Supply Demand forecast referencing Wood Mackenzie Rare Earths Market Study, July 2022; | General Administration of Customs of China via Baiinfo January 2023, Roskill 2021
Supply is primary supply, including monazite and excludes secondary source of NdPr supply from waste magnet production | Growth to 2032 calculated off a base of 10.5 million EVs sold in 2022 and forecast production based on implied EVs produced given NdFeB alloy demand from automotive drivetrains and assuming 2kg Of NdFeB alloy is used per EV sold | EVs include Battery Electric Vehicles (BEV), Hybrid Electric Vehicles (HEV) and Plug-in Hybrid Electric Vehicles (PHEV).

# Gallium

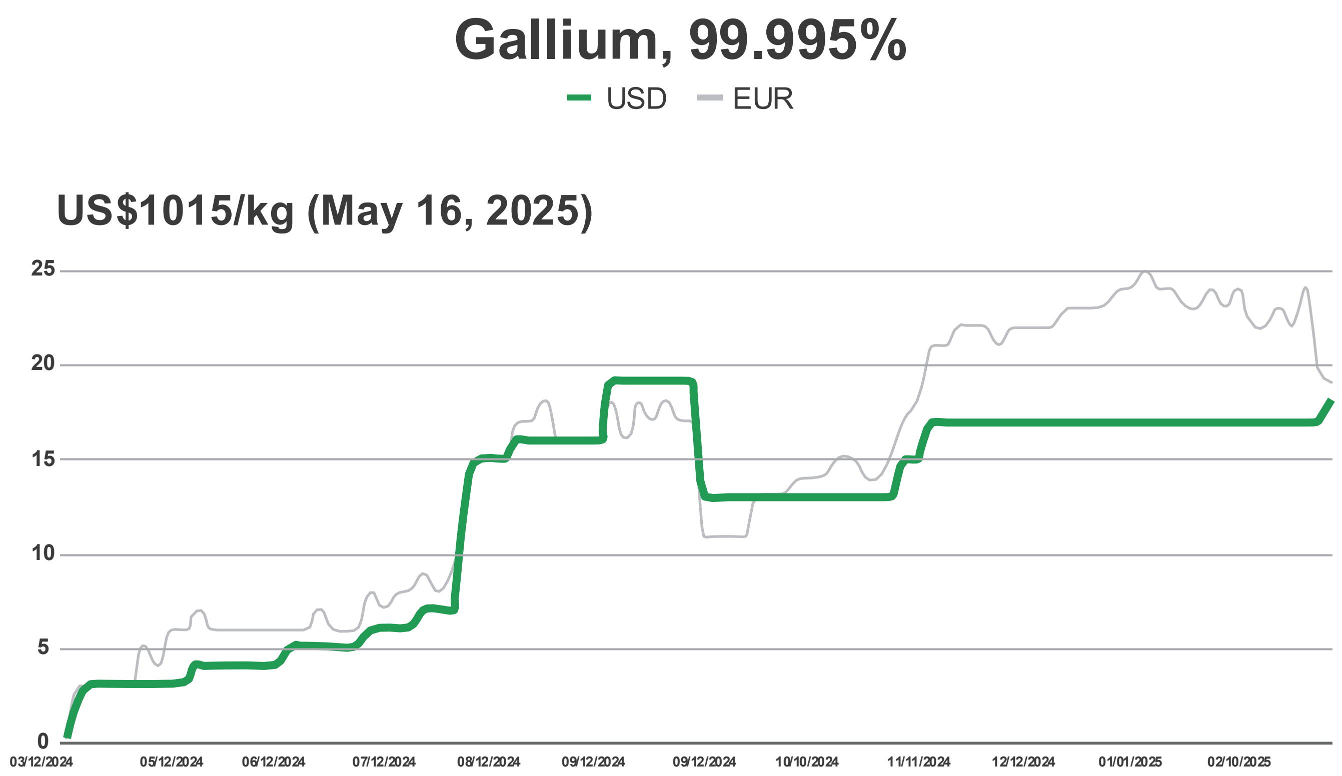
*Securing Critical Minerals to Supply Defense & AI*

- The **price of gallium** keeps increasing due to supply disruptions.
- Gallium Nitrate is needed for **semiconductors**, making AI more efficient.
- **Rare Earths and Gallium** are essential for military applications, power, radar, telecommunications and medical uses.
- Total gallium market predicted to increase from **US$2.45 billion in 2024 to US$21.53 billion by 2034** (researchmarkets.com)




*Source
researchandmarkets.com | Gallium Global Market Report 2024 - January 2024

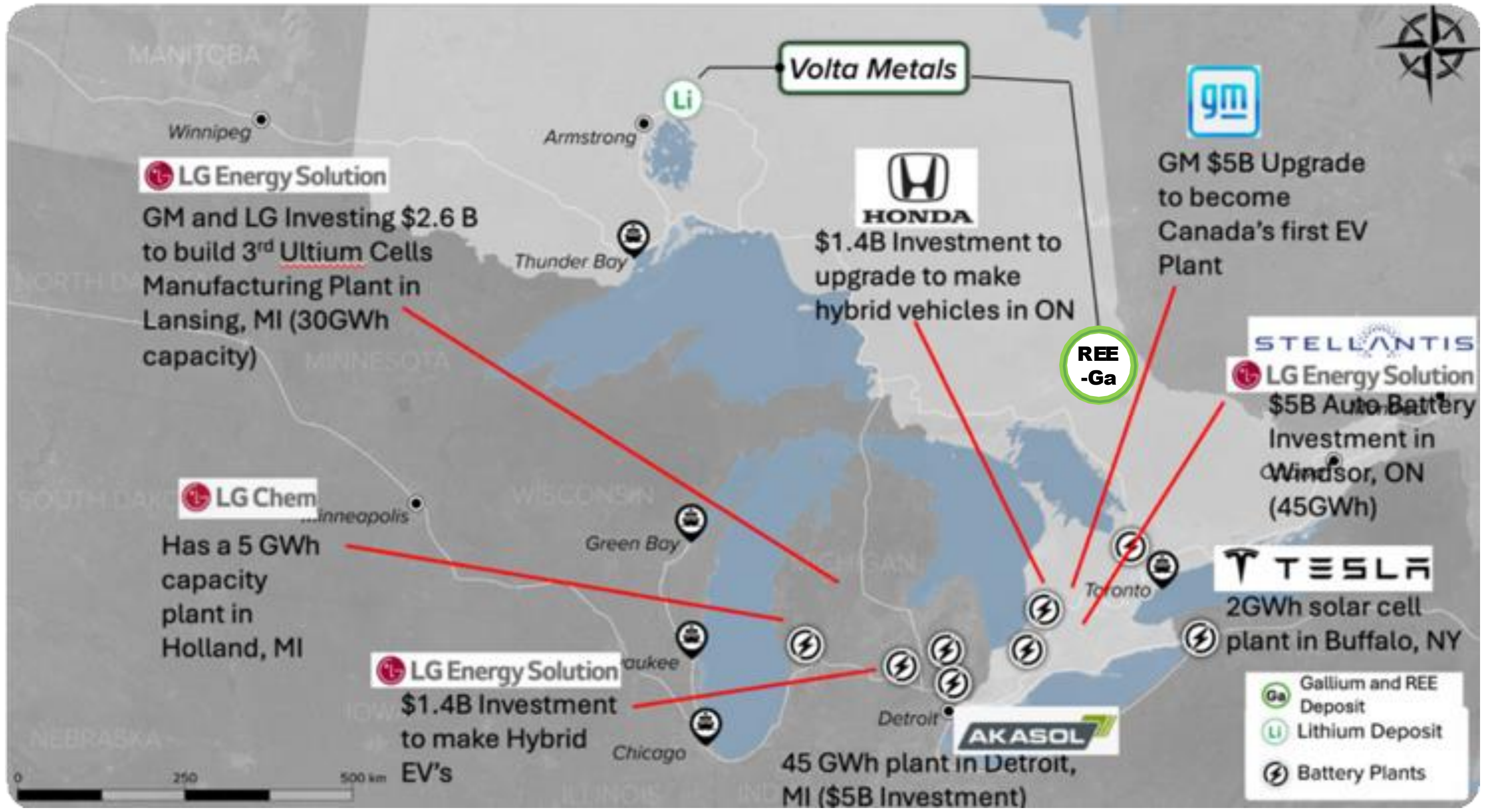
- **US and European Defense stocks have risen** sharply amid global tensions, increasing military spending into hundreds of billions of $.
- **Canadian gallium and rare earths** could be expected to be in strong demand as Canadian, US and European military expenditures grow

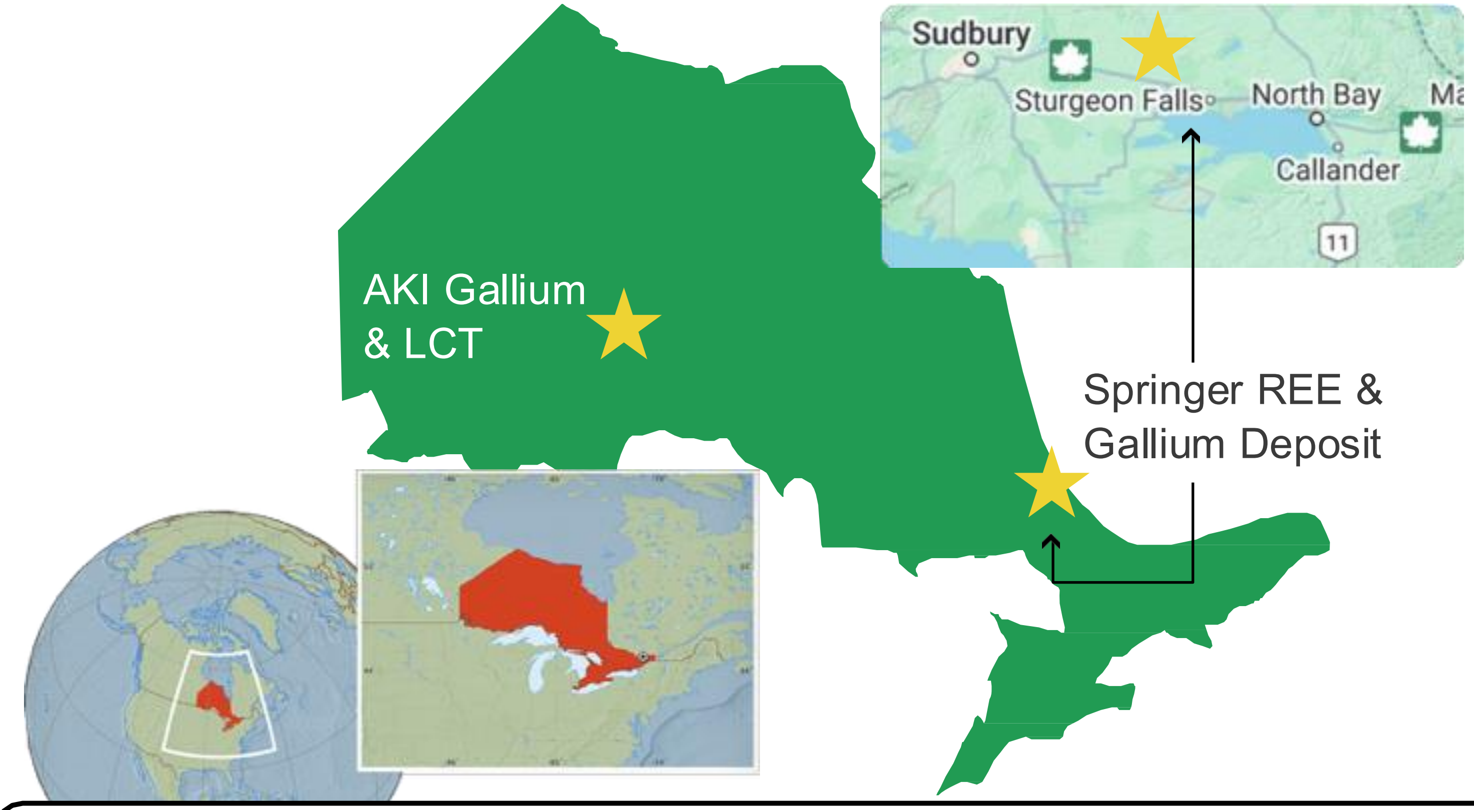



https://strategicmetalsinvest.com/gallium-prices/

# Volta's Projects - Location

*World Class Infrastructure, Easy Access to Market*




- Ontario announced **$500M Critical Mineral Processing Fund**
- **Paved Road and Power** lines through the property
- **Crystal Falls Power Generating** dam is 7km from the resource.
- **Sturgeon Falls Dam** and **Railway station** are **8.5km** from the project site.

# **SPRINGER** *RARE EARTH AND GALLIUM DEPOSIT*

## *Tier 1 Location -* ~5,000Ha (50km$^2$) – Patented over deposit (surface rights) – lowers risk

### Access

Paved road to the property – **1hr from Sudbury, 30 minutes from North Bay**. Power lines through property. Low-cost Exploration & Development

### Advanced Project

MRE **16.9Mt @ 1.15% TREO remains open** for expansion – 2x upside potential in the short term, additional upside from gallium not reflected in MRE.

### High Value

**21%** is high payable magnet rare earth elements, made up of **Dysprosium, Preseodymium, Neodymium and Terbium**.

### Low Thorium content

Crucial for permitting, tailings and concentrate transport

### High-Grade Intercepts

**157m @ 1.43% TREO** – deepest hole finished in **12.5m @ 4.5% TREO** – no follow up.

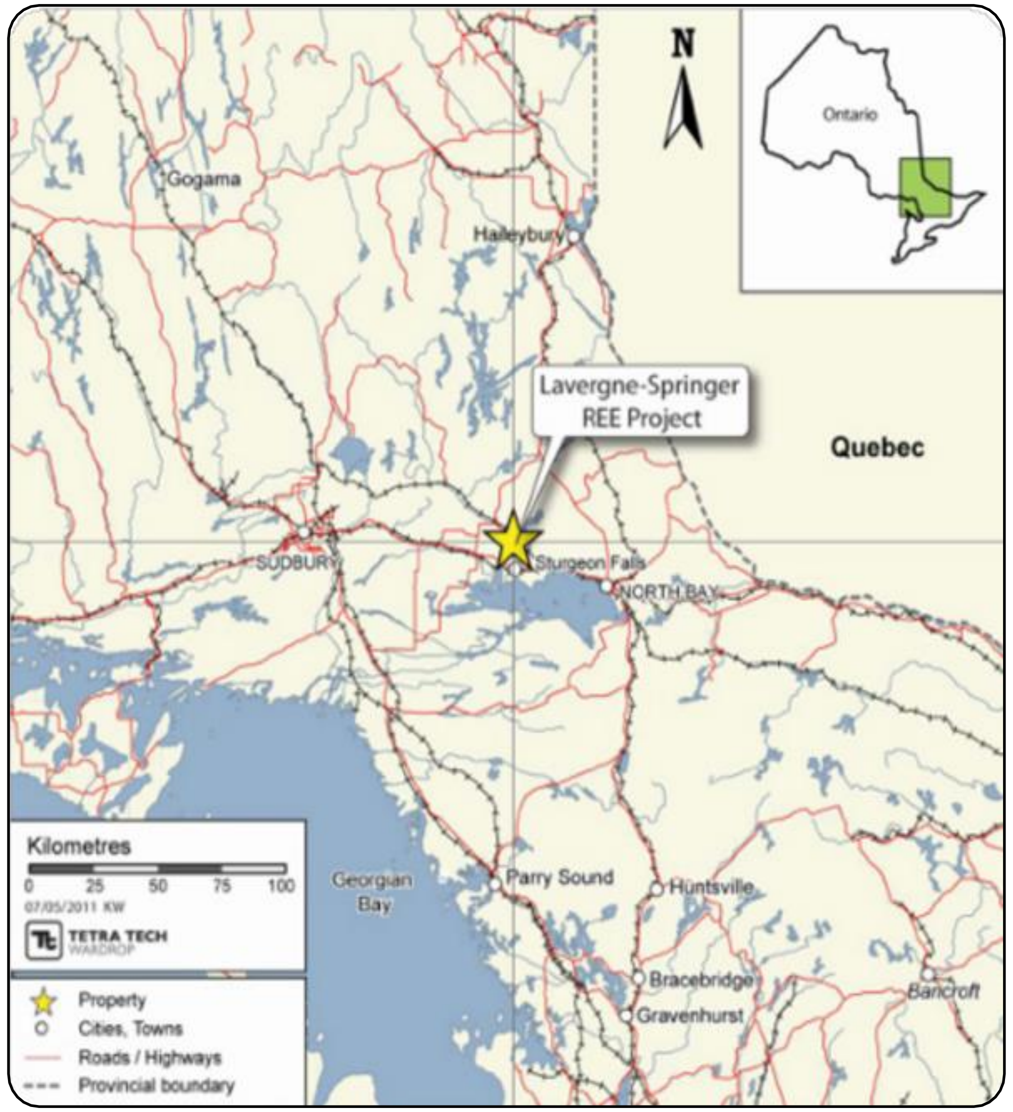
### Gallium intercepts

Thick zones intersected BUT never modelled and/or followed up eg **102.7g/t $Ga_2O_3$ @ 87.5m** (higher grade than N.America's largest unmined Ga deposit, Cordero cut-off grade is 30ppm, and avg grade is 47.7ppm).

Potential for **>10Mt @67g/t**

### High Profile Among all REE's in NA

**One of 21 REE Projects with MRE** in North America (177 total). Springer ranks **12th** in terms of TREO **grade** profile, with the potential to rise to **8th with the gallium** included, and ranks 15th in terms of tonnes, with further upside potential.



# MANAGEMENT & BOARD

### Kerem Usenmez

*M.Sc., P.Eng., Director, President and CEO*

- Licensed Geological Engineer (ON & MB) with >25 years of global experience with majors and juniors
- Formerly CEO Of Metallum, advanced Zinc & Copper Project into Feasibility and IBA Stage in Ontario
- Ran a drilling company in the Americas, and Founded Atom Bits, and sold it to a larger American manufacturer
- Member of the board of the PDAC, and chairs the Securities Committee

### Dr. Fred Breaks

*Ph.D., Technical Advisor*

- Rare Earths and lithium expert, discovered the two largest Lithium-rich rare element deposits (Li-Ta-Rb-Cs) in Ontario: Separation Rapids Pegmatite of Avalon Advanced Materials, and Pakeagama Lake Pegmatite of Frontier Lithium.
- Spent 29 years at the Ontario Geological Survey where he ran Operation Treasure Hunt and headed a regional mapping project predominantly targeting Rare Earths and LCT pegmatites.
- Has 118 publications at the Ontario Geological Survey and numerous external publications.

### Brad Boland

*CPA, CMA,*
*Chief Financial Officer*

- >25 years of mining finance executive experience with majors and juniors, including Goldcorp, and Kinross
- Contributed securing >$1B combined equity, debt and project finance for mining ventures

### Dr. Mark Cruise

*PGeo, ICD.D, Chair and Director*

- Professional geologist with >30 years of international experience from exploration to production.
- Co-founded and/or led several billion-dollar TSX-V, TSX and NYSE American listed exploration and mining companies.
- Independent director for Velocity Minerals, NiCAN Ltd, Interra Copper and Bunker Hill Mining

## Saga Williams

*B.A., LLB, Director*

- Ms. Williams is Anishinaabe, a member of Curve Lake First Nation, and is currently an elected official for her community.
- Has been on negotiation teams that have successfully settled over $1 billion in agreement and Adjunct Professor at Osgoode Hall Law School
- Has worked on Indigenous community engagement and negotiations to support national energy and mining projects across Canada

## Fady Mansour

*CA Director*

- Managing Partner of Ethical Capital Partners, a private equity firm.
- Partner of the Ottawa based criminal law firm Friedman Mansour, LL, and a member of the Law Societies of Ontario, Alberta, and the NWT.
- Adjunct Professor in the Faculty of Common Law at the University of Ottawa since 2019.

## Mike Hoffman

*P.Eng., ICD.D, Director*

- Mining executive with over 35 years of experience including engineering, mine operations, corporate development, projects and construction.
- Former CEO of Crowflight Minerals, Kria Resources and Crocodile Gold.
- Chair and Director at 1911 Gold and NiCAN Ltd. as well as a director of Silver X Mining and Fury Gold.

## Brad Humphrey

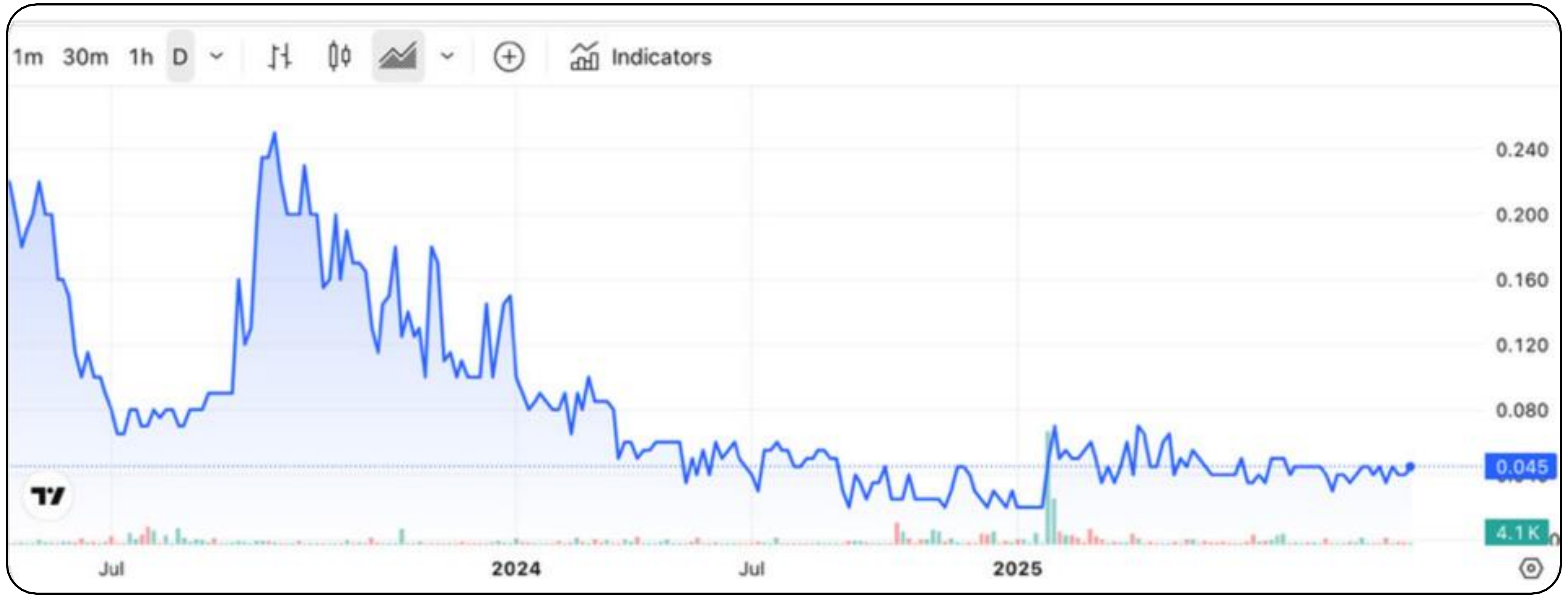
*Director*

- >25 years of international mining experience, varying from underground contract miner to CEO .
- Worked for Morgan Stanley, Raymond James, CIBC World Markets and Merrill Lynch as the North American Precious Metals Analyst and Managing Director for Research.
- Currently President and CEO of NiCAN Ltd., sits on the board of Black Swan Graphene, and was the CEO of QMX Gold, which was acquired by Eldorado Gold.

# OWNERSHIP & **CAP STRUCTURE**

*Dedicated Management – Insiders participated in every financing round, increasing ownership.*


**First day trading: May 31, 2023**




| | | | |
|---|---|---|---|
| **VOLTA Shares outstanding** **85,517,144** | **Total warrants** **14,946,666** (@$0.10) | **Total Options** **2,882,328** (@$0.36 avg) | **Market Cap** **$4 - $5M** Range |

Local Management team resulting significantly lower overhead & burn rate compared to peers.

# PEER COMPARATIVES *RARE EARTH COMPANIES*

| | VOLTA METALS | DEFENSE METALS | GEOMEGA Rare Earths · Refining · Recycling | COMMERCE RESOURCES CORP. | AVALON ADVANCED MATERIALS |
|---|---|---|---|---|---|
| **Exchange** | **CSE** | **TSXV** | **TSXV** | **TSXV** | **TSXV** |
| **Market Cap** | **$4.0M** | **$57M** | **$13M** | **$13M** | **$18M** |
| **52 week Share Price[4]** | **$0.02 - $0.08** | $0.07 - $0.24 | $0.06-$0.17 | $0.06 - $0.17 | $0.02 - $0.10 |
| **Shares on Issue** | 85M | 261M | 143M | 212M | 608M |
| **Project Name** | **Springer-Lavergne** | Wicheeda | Montviel | Ashram | Nechalacho |
| **Project Location** | **ON (lhr from Sudbury via paved road)** | BC (80km from Prince George via logging roads) | QC (100km from Lebel Sur via logging roads) | QC (300km NW of Schefferville, no road access) | NWT (lOOkm east of Yellowknife — Remote) |
| **Project Size (Ha)** | **5,000** | 11,800 | 9,910 | 11,474 | 4 , 249 |
| **Stage** | Historic MRE (2012) | DFS | Historic MRE (2011) | Feasibility (2013) | DFS (2013) |
| **Gallium (Ga)** | **Yes (16Mt at 67ppm Ga - Non 43-101)** | No | No | No | No |
| **Indicated MRE** | **3Mt @ 1.21% TREO (Cutoff 1.0%)** | 27.8Mt @ 2.86% TREO (Cutoff 0.5%) | 82.4Mt @ 1.5% TREO | 73.2Mt @ 1.89%TREO | 110Mt @ 1.49% TREO |
| **Inferred MRE** | **9.4Mt @ 1.25% TREO (Cutoff 1.0%)** | 11.1Mt@ 1.02% TREO (Cutoff 0.5%) | Unknown | 131.1Mt @ 1.98% TREO | 183Mt @ 1.27% TREO |
| **Deposit Open** | **Yes** | No | No | Yes | No |

According to S&P Global, only 21 of all 177 REE projects in North America host a reserve or resource base with defined grades (TREO). Springer would: 1) rank 12th in terms of TREO grade profile, with the potential to rise to 8th with the gallium included, 2) rank 15th in terms of tonnes, with further upside potential.

## For further information contact:


Kerem Usenmez, M.Sc., P.Eng.
President & CEO

kusenmez@voltametals.ca

(416) 919-9060

VOLTA Metals Ltd.
130 King Street W, Suite 3680
Toronto, Ontario Canada M5X 1B1

# SPRINGER

*RARE EARTH AND GALLIUM DEPOSIT*

## Growth Potential

Mineralization continuous along c. 800m strike. Geologically appears to be part of a significantly larger system

## High grade

Thick continuous zones of mineralization from surface:

| | |
|---|---|
| 157m @ 1.43% TREO | 157m @ 1.43% TREO |

**One of the last holes finished in 12.5m @ 4.5% TREO in carbonatite – no follow up.**

## LREO Dominant

Consists of of mainly lanthanum, cerium and neodymium

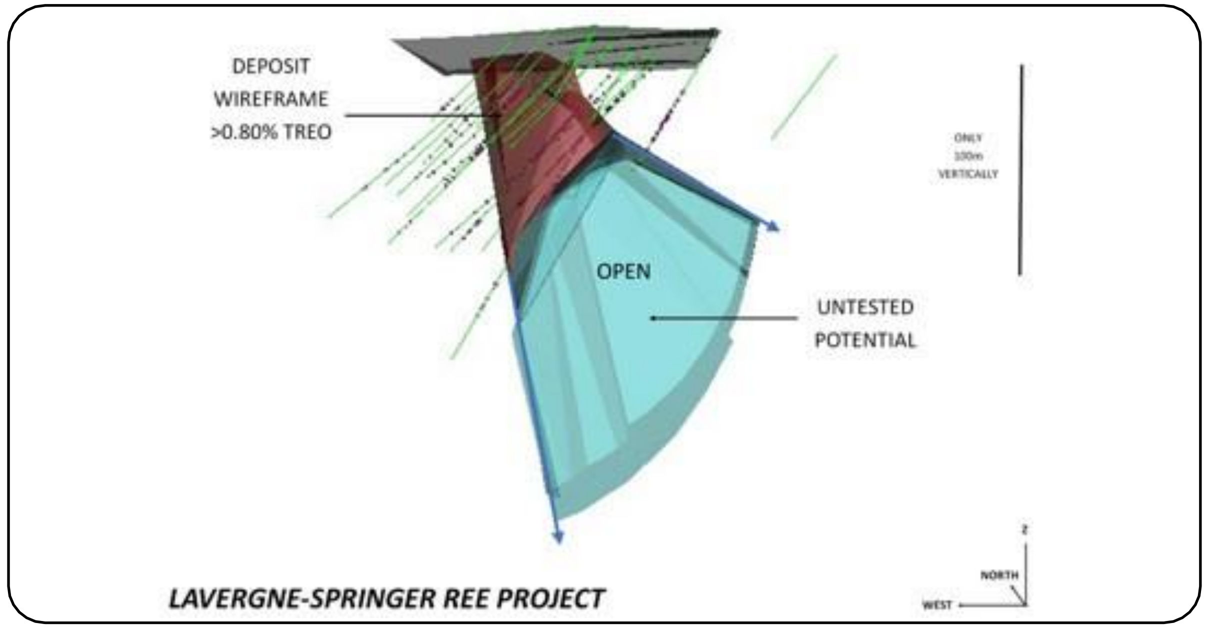
## Next Steps

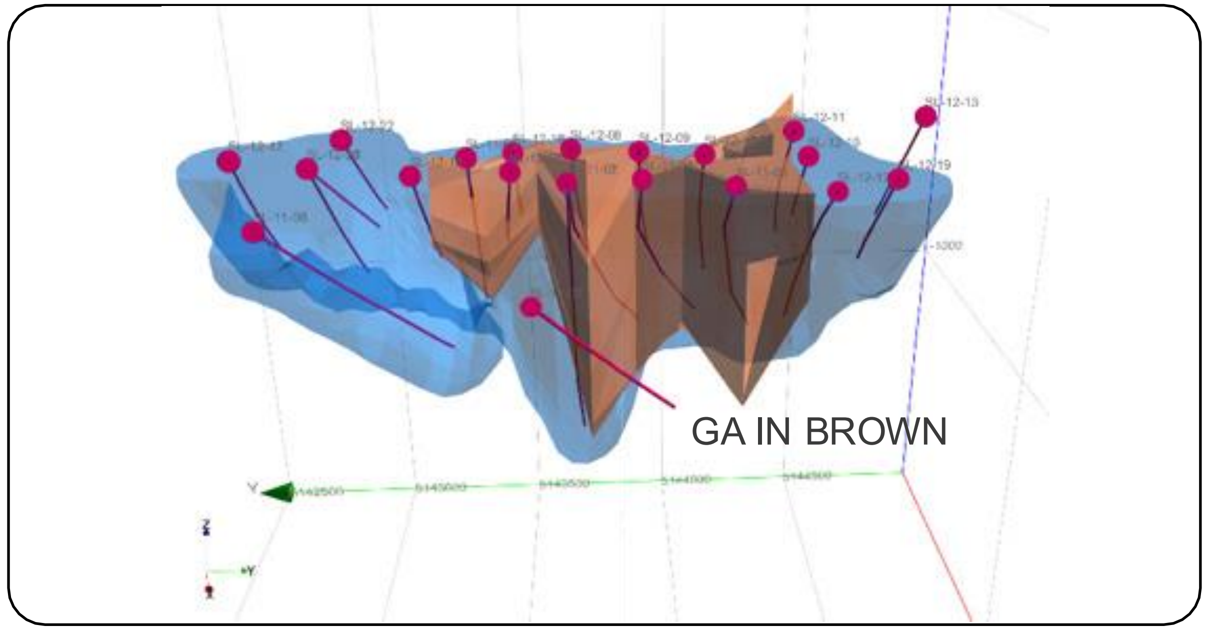
Excellent potential to increase grade / tonnes with additional drilling.
Excellent potential to define a ~50 to 100Mt+ deposit at ~1-2% TREO.

## Gallium Model

Thick zones of Gallium (Ga) also intersected BUT never modelled –eg 76ppm over 87.5m, 72ppm over 63.5m.

Mineral system analysis suggests >15Mt Ga exploration target

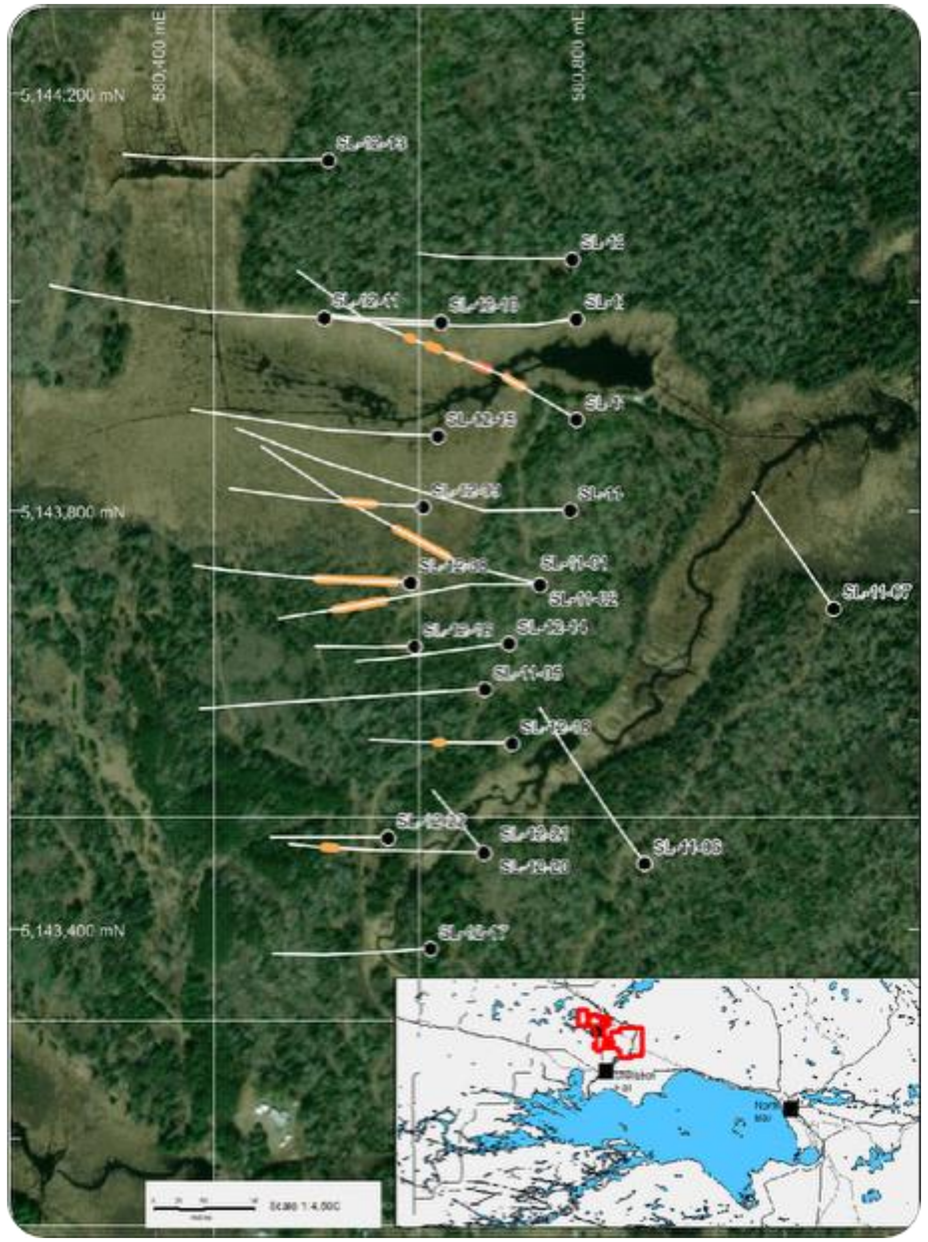


# SPRINGER

## *GALLIUM INTERCEPTS*

| Borehole | From | To | Interval (m) | Ga g/t | |
|---|---|---|---|---|---|
| SL-11-01 | 132.4 | 219.9 | 87.5 | 76.4 | Fe Oxide + Carbonate |
| SL-11-02 | 213.8 | 277.0 | 63.2 | 71.6 | Altered Syenite |
| SL-11-03 | 86.6 | 94.1 | 7.6 | 59.6 | Altered Syenite |
| SL-11-03 | 101.4 | 113.4 | 12.0 | 76.0 | Hematized Syenite |
| SL-11-03 | 135.9 | 153.2 | 17.3 | 72.3 | Hematized Syenite |
| SL-11-03 | 178.6 | 189.1 | 9.0 | 57.8 | Hematized Syenite |
| SL-11-03 | 209.9 | 223.9 | 14.0 | 71.3 | Hematized Syenite |
| SL-11-03 | 247.9 | 252.9 | 5.0 | 72.4 | Hematized Syenite |
| SL-12-08 | 19.0 | 37.0 | 18.0 | 62.0 | Strongly Altered Granitoid |
| SL-12-08 | 37.0 | 125.0 | 88.0 | 62.0 | Int Hm and Cb Brex, together 64 ppm Ga over 106 m |
| SL-12-09 | 66.0 | 102.0 | 36.0 | 57.3 | Int Hm and Cb Brex Granotoid |
| SL-12-18 | 94.7 | 101.7 | 7.0 | 64.3 | Weak to Moderately Altered Granite |
| SL-12-20 | 200.6 | 214.6 | 14.0 | 70.0 | Strongly Altered Brex Granite -near massive Cb Veins |



- Historic Drilling (22 holes for 6,000m – 20 holes hit mineralization.
- Structure dips to east, open at depth and along strike.
- Cabonatite intrusion, only upper breccia has been drilled.
- REE mineralization outcrops and extends from surface to over 250m below surface, and is open.

# SPRINGER

*RARE EARTH AND GALLIUM DEPOSIT*

## Metallurgy

- Recent met work confirms clean mineralogy and potential for cost-effective downstream processing (up to 40% TREO concentrate), due to coarse grained mineralization (synchesite).
- Radionuclide levels are negligible – i.e. non radioactive.
- 75-80% of synchesite liberated in lab-scale testing suggesting easier process to obtain concentrate (lower cost)
- There is ~US$310 (NdPr ~$260) of Rare Earth Elements in each tonne of the ore, near or equivalent value of 3g/t Au at current NdPr price of $445,000 CNY/mt at current gold price.
- Confirmed 80% recovery to a Rare earth chloride Product.

# SPRINGER
## *RARE EARTH AND GALLIUM DEPOSIT*

VOLTA METALS

| TREO Basket Value | | | |
|---|---|---|---|
| | | RE Corp (FRA) – Lavergne-Springer Hard Rock Canada Exploration | |
| **Rare Earth Oxides** | **REO Price (US$/kg)** | **%TREO** | **Basket Value** |
| Terbium | 1,105.6 | 0.09% | 0.950 |
| Lutetium | 767.7 | 0.00% | - |
| Dysprosium | 366.4 | 0.47% | 1.730 |
| Holmium | 74.9 | 0.09% | 0.064 |
| Praseodymium | 70.3 | 4.73% | 3.323 |
| Neodymium | 70 7 | 15.90% | 11.246 |
| Gadolinium | 39.3 | 1.07% | 0.422 |
| Erbium | 41.9 | 0.17% | 0.072 |
| Europium | 248.8 | 0.45% | 1.122 |
| Ytterbium | 13.8 | 0.11% | 0.015 |
| Yttrium | 6.3 | 2.25% | 0.143 |
| Samarium | 2.0 | 1.89% | 0.038 |
| Lanthanum | 0.8 | 26.70% | 0.219 |
| Cerium | 0.9 | 46.08% | 0.437 |
| Thulium | - | 0.00% | - |
| “Other” | | 0.00% | - |
| **Basket price (US$/kg)** | | | **19.8** |
| **Basket price (US$/t)** | | | **19,782.1** |
| **Reserves + Resources (Mt)** | | | **16,90** |
| **Contained TREO (Mt)** | | | **0,20** |
| **Basis ofCaleulations** | | | *Resources* |
| **Average TREO Grade** | | | **1.16%** |
| **In-grou nd value (us$/t material)** | | | **230** |

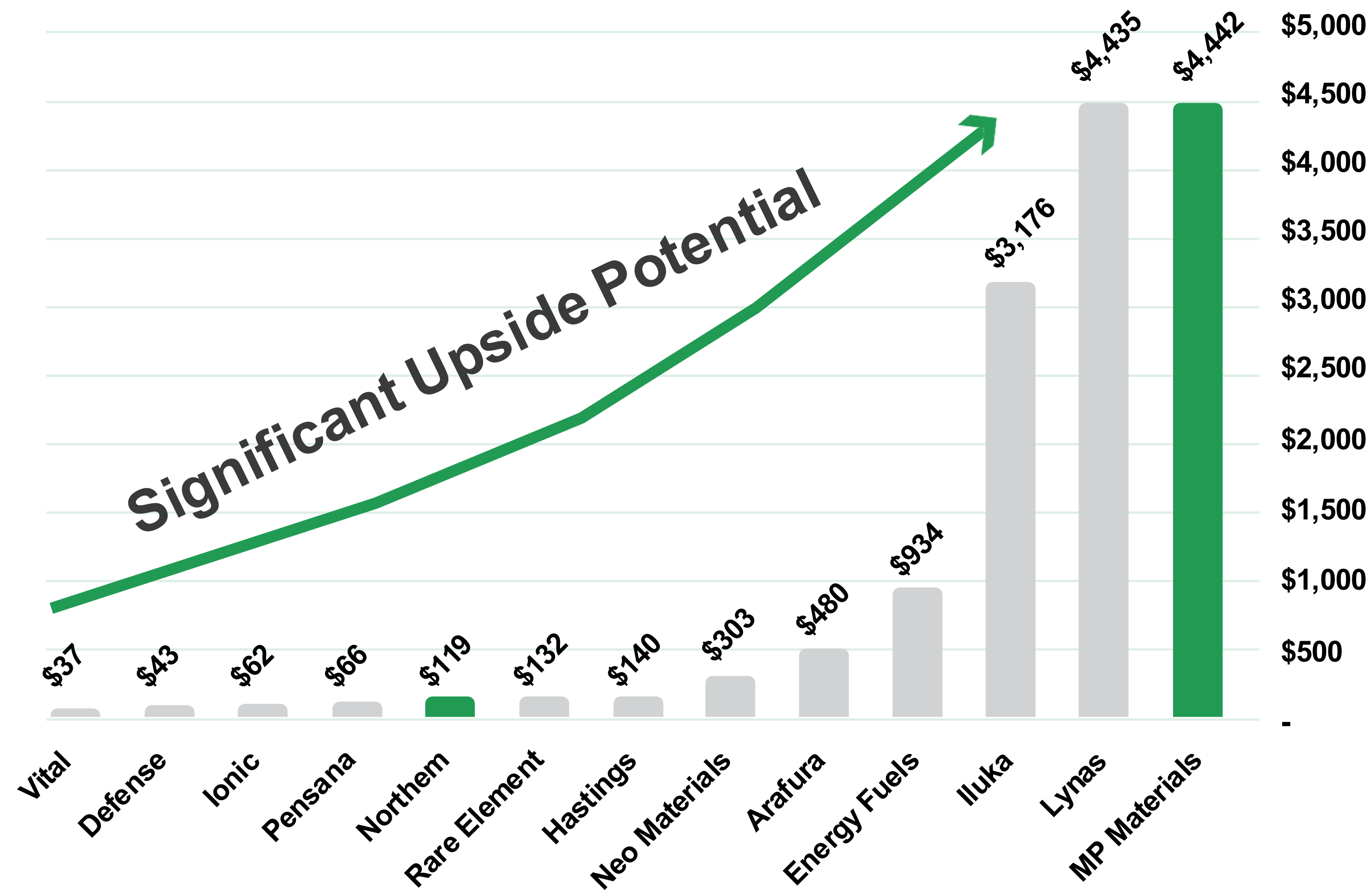
| **Table 7.1** | **List of Elements and Oxides Associated REE Mineralization** | | |
|---|---|---|---|
| **Element** | **Element Acronym** | **Common Oxides** | |
| **LREO** | | | TREO |
| Lanthanum | La | $La_2O_3$ | |
| Cerium | Ce | $Ce_2O_3$ | |
| Praseodymium | Pr | $Pr_2O_3$ | |
| Neodymium | Nd | $Nd_2O_3$ | |
| Samarium | Sm | $Sm_2O_3$ | |
| **HREO** | | | |
| Europium | En | $En_2O_3$ | |
| Gadolinium | Gd | $Gd_2O_3$ | |
| Terbium | Tb | $Tb_2O_3$ | |
| Dysprosium | Dy | $Dy_2O_3$ | |
| Holmium | Ho | $Ho_2O_3$ | |
| Erbium | Er | $Er_2O_3$ | |
| Thulium | Tm | $Tm_2O_3$ | |
| Ytterbium | Yb | $Yb_2O_3$ | |
| Lutetium | Lu | $Lu_2O_3$ | |
| Yttrium | Y | $Y_2O_3$ | |

*Basket Price of In-ground material = US$230/tonne (equivalent of ~2moz @ 4g/t Au), excluding Gallium*

# NEXT STEPS

- Confirm presence of the high-grade primary carbonatite zone discovered at the end of last program **(4.5% TREO over 12m)**, and extension zones to the North
- Further in-fill drilling to confirm REE grade continuity, presence of Ga, geotechnical data for mining studies and complete a modern resource estimate.
- Target significant North American incentives to support critical minerals and desire for local mining to support Rare Earth and critical mineral development.

## Market Cap Comparison (US$M)



# Rare Earth Metals Market

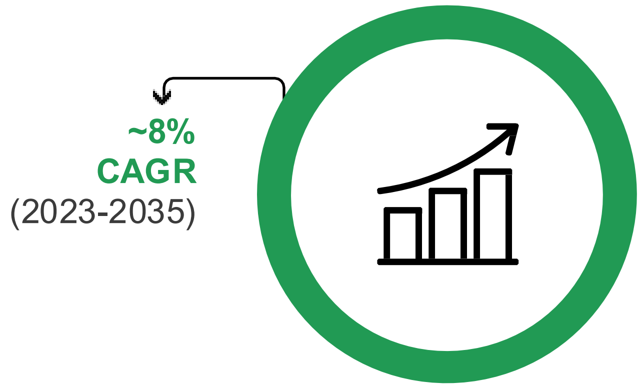
- Rare earth elements (REE) are key enablers for the ongoing energy and environmental transition as they are critical raw materials in many low-carbon technologies. REEs are widely used in high-tech technologies, medical devices, and military defense systems, and are especially indispensable in emerging clean energy.
- Global REE mineral resources mainly mainly occur in carbonatite and distributed in China, Brazil, Australia, and Canada, 42% of REE deposits are from medium-sized mines (resources <0.1 Mt REO) – Zhou, 2017 [https://www.mdpi.com/2075-163X/7/11/203](https://www.mdpi.com/2075-163X/7/11/203)
- REE Market size was valued at US$ 11.78 Billion in 2024, and is set to reach US$ 33.5 billion by the end of 2037, expanding around 8.3% CAGR during the forecast period (2025-2037) (researchnester.com)
- The Light segment is estimated to gain largest market share of 63% in the year 2037. Light rare earth metals are commonly used in electronics and semiconductors due to their unique magnetic and electrical properties

## Global Market Analysis, BY Type (in %), 2035

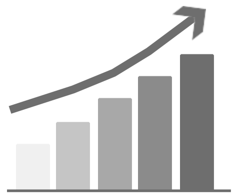

## Key Players in the Market

- Lynas Corporation (Australia)
- China Northern Rare Earth Group (China)
- Iluka Resources (Australia)
- MP Materials (United States)
- China Minmetals Corporation (China)
- Arafura Resources (Australia)
- Shenghe Resources Holding Co., Ltd. (China)

## Growth Rate

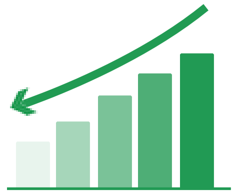



## Growth Drivers

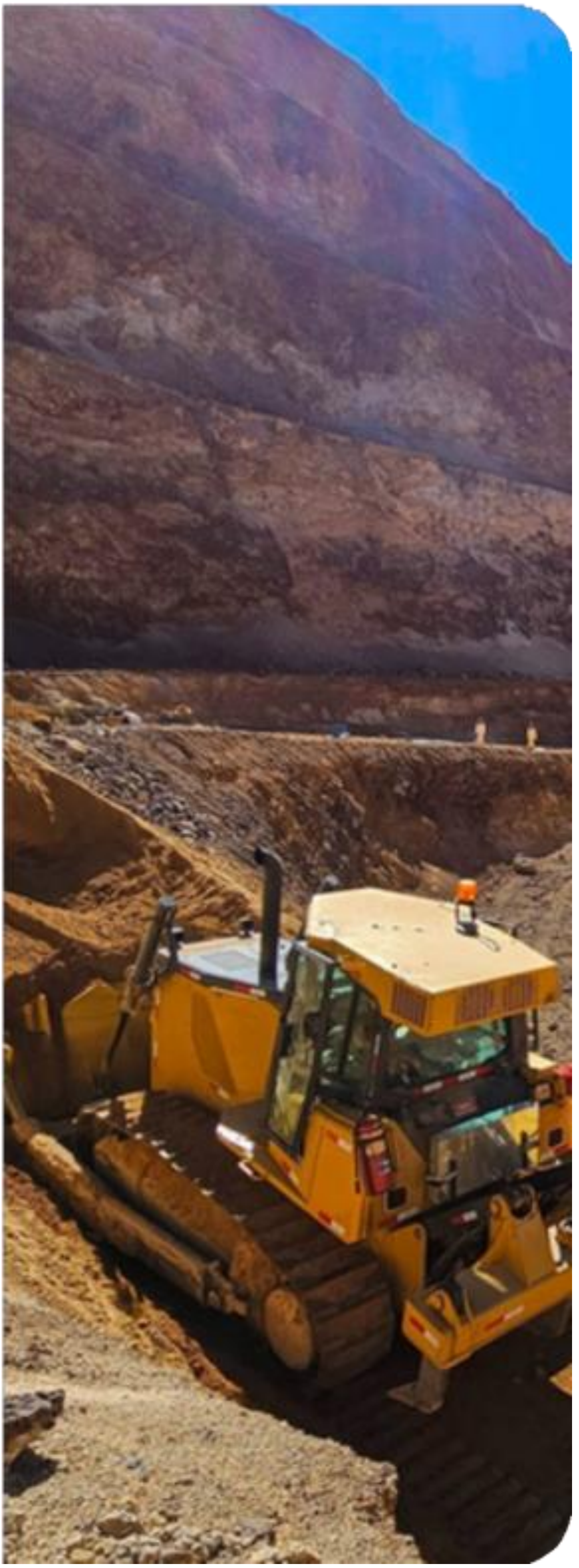


- Technological Advancements
- Growing Demand for Consumer Electronics

## Challenges



- Environmental Impact
- Price Volatility



# Lithium Sector Update

VOLTA METALS

## Majors Committing to Lithium

- Rio Tinto acquiring Arcadium Lithium (Oct 2024), premium of 90% to Arcadium's closing price.
- GM acquires 38% asset-level stake in Thacker Pass for US$625 million
- Pilbara Minerals announces agreement to acquire Latin Resources at an implied 67% premium

## CATL Prospectus Bullish on Long Term Demand

- CATL, world's largest battery maker filed prospectus in Feb 2025 for its Hong Kong IPO
- Battery demand forecast 50% higher demand, >4Mt of LCE in 2030, increase of additional 65 commercial scale lithium projects required.

## Supply Being Curtailed

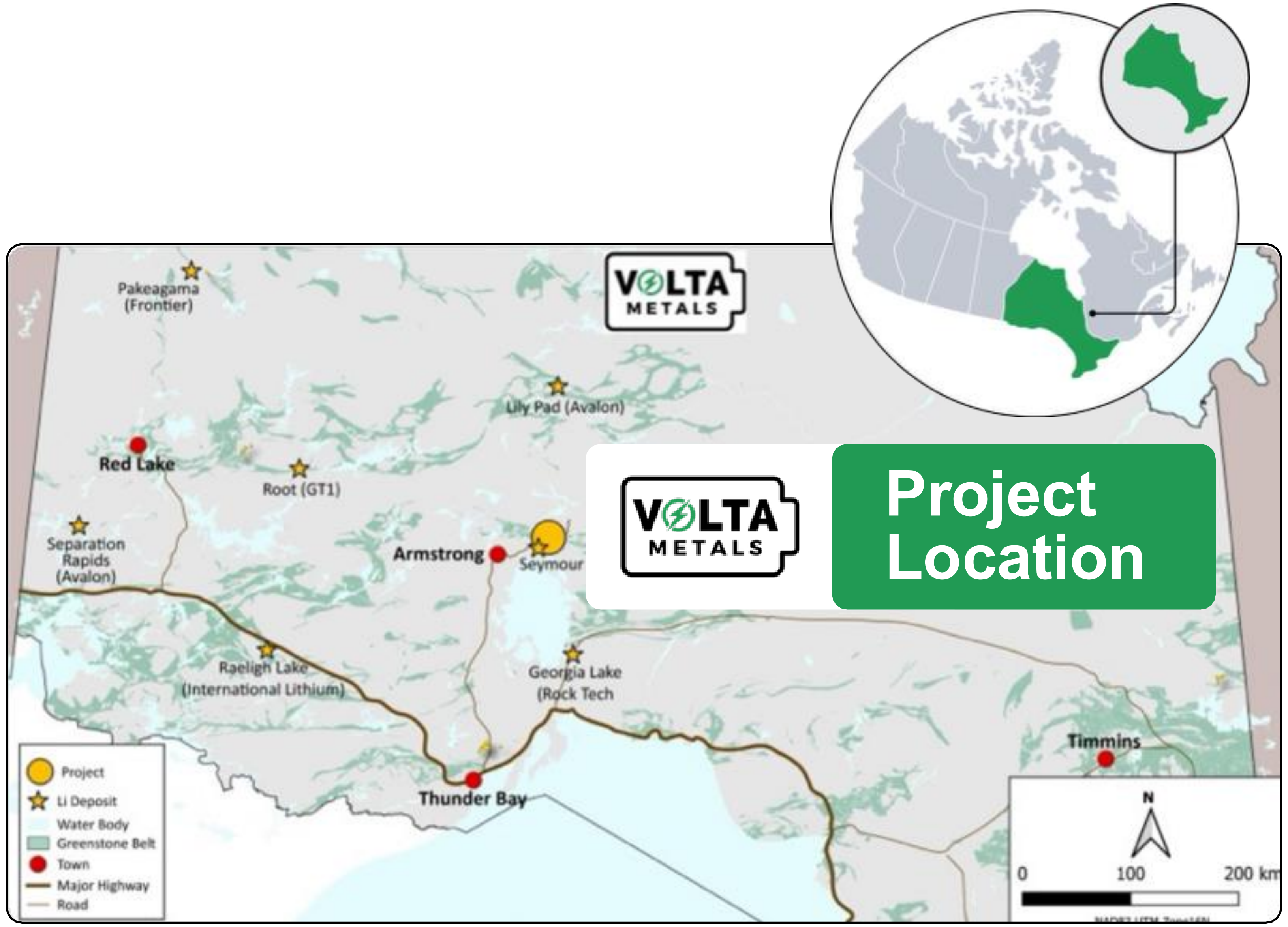
- Sinomine partially suspends petalite mining at its Zimbabwe Bikita Lithium Project (Oct, 2024)
- Pilbara places its 150,000 tpa Ngungaju spodumene plant into care&maintenance (Oct, 2024)
- Mineral Resources defers underground development of Mt Marion, places Bald Hill into care &maintenance (Oct, 2024)
- Albemarle estimates 800kt LCE supply deficit by 2030, implying 20% of demand (Jan, 2023)

## Legacy Car Manufacturers

- Hyundai Invests $16.7 billion in 2025 into EV development, its largest investment ever in South Korea, $90B globally by the end of decade
- Toyota is spending $13.9 billion on plant in North Carolina, one of the largest investments outside Japan.

# AKI Critical Element Project

*Strategic Position in NW ONTARIO*




Located in the emerging Seymour-Falcon pegmatite field host to Green Technology Metals (ASX:GT1) Seymour deposit

**(10.3Mt @1.03% Li2O JORC Resource).**


**Thunder Bay (Major Hub):**
- Airport, Rail station, Port

**Armstrong, ON:**
- Via Rail Station
- Functional Airstrip

- New discovery of Spodumene Pegmatite swarm Fall 2023.
- Inagural drilling returned up **to 1.24% $Li_2O$ over 15.6m**.
- Recent channel sampling returned up to **1.59% $Li_2O$** over **8.6m with 78.1 ppm Gallium, 1,970ppm Cesium, and 457ppm Tantalum**.
- Permits and First Nations Agreements in place.
- Road accessible from Thunder Bay.

# LOCATION

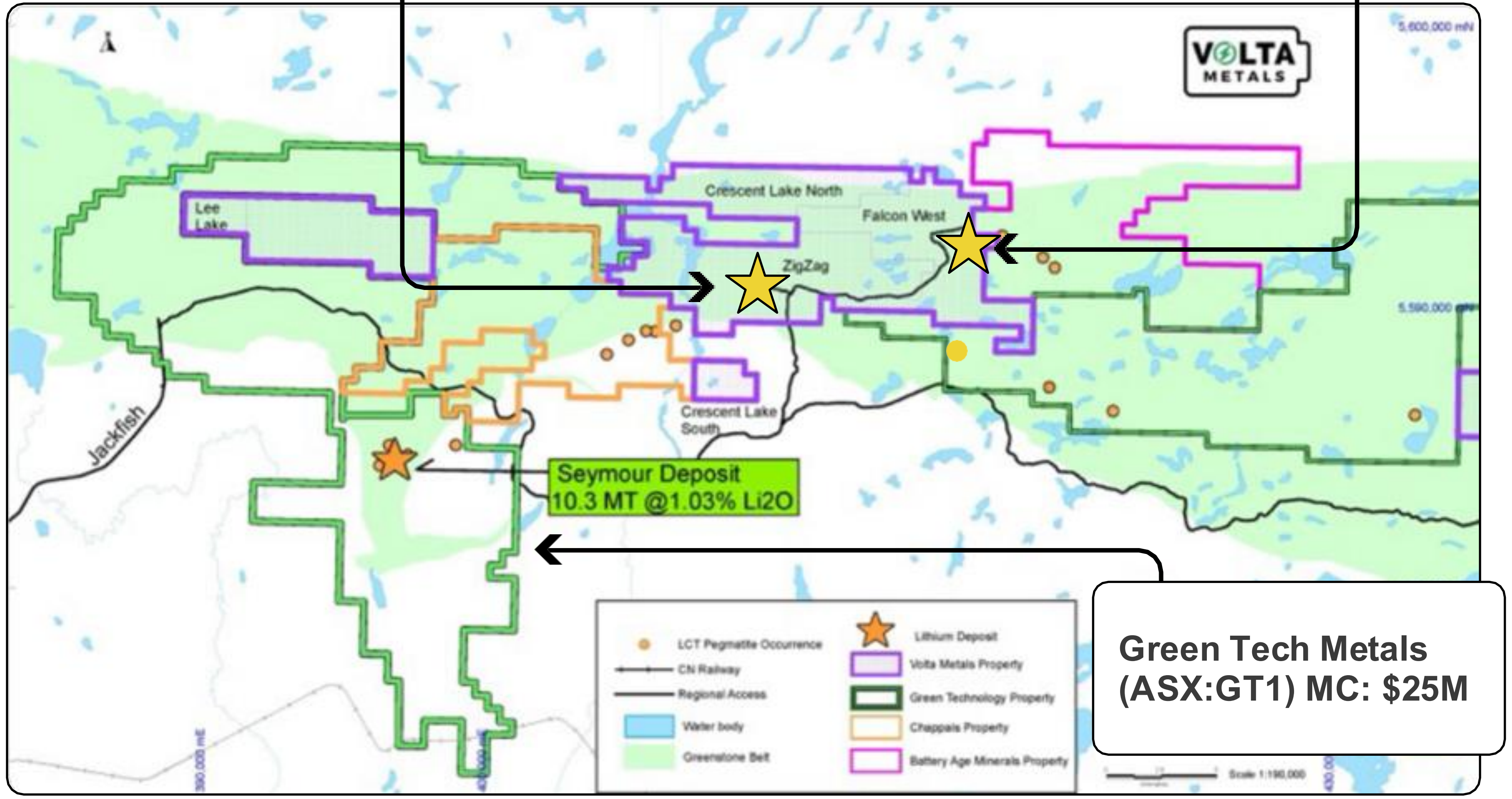
*Confirmed 8km mineralization, with 30km potential*

### Dempster East Pegmatite

- Channel samples returned high grade Gallium, Lithium, Cesium and Tantalum returned grades up to **2.98% $Li_2O$, 78.1 ppm Ga, 457 ppm Ta, 1,970 ppm Cs**

### Falcon Far West Pegmatite Cluster

- Drilling returned grades up to **1.50% Li2O** over 5.2m, and **1.24% $Li_2O$ over 15.6m**.
- 6 Li-Bearing pegmatites identified to date.




**Green Tech Metals (ASX:GT1) MC: $25M**

- 130 km[2] land package within the emerging Seymour - Falcon Pegmatite fields.
- Newly discovered Li pegmatites define a 300m x 500m mineralized fairway – remains open for expansion.
- Pegmatites are the albite-spodumene-subtype (typically associated with large deposits e.g. Foote Mine, Kings Mountain, NC) and evolving to the west with the highest reported tantalum values in Ontario returning values up to 306 ppm $Ta_2O_5$.
- Multiple targets to follow up.

*Readers are cautioned that VOLTA has no interest in or right to acquire any interest in the Green Tech Metals Seymour Project, and that mineral deposits, and the results of any mining thereof (including any revenues derived from such mining), on adjacent or similar properties are not indicative of mineral deposits on VOLTA's properties or any potential exploitation thereof.*