



**Battery Age
Minerals**



The Battery Age

RRS Gold Coast – September 2024

ASX: BM8

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Competent Persons / Compliance The information in this presentation that relates to Geological Data and Exploration Results for the Falcon Lake Lithium Project is based on, and fairly represents, information and supporting documentation compiled and reviewed by Mr Nigel Broomham (BSc (Hons) Geology & Resource Economics) who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM) and holds a Professional Certificate in JORC Code Reporting. Mr Broomham is the General Manager – Exploration of Battery Age Minerals. Mr Broomham has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Broomham consents to the inclusion in this report of the matters based on information in the form and context in which they appear. Mr Broomham holds securities in the Company. This announcement contains information regarding the Falcon Lake Lithium Project extracted from ASX market announcement dated 7 December 2022, 2 February 2023, 4 July 2023, 26 July 2023, 31 July 2023, 2 August 2023, 16 August 2023, 6 September 2023, 14 September 2023, 5 October 2023, 16 October 2023, 25 October 2023, 30 November 2023, 13 December 2023, 8 July 2024 and 12 August 2024 and reported in accordance with the 2012 JORC Code and available for viewing at batteryageminerals.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in any original announcement and that all material assumptions and technical parameters underpinning the estimates in the original market announcement continue to apply and have not materially changed.

This presentation contains information on the Bleiberg Project extracted from an ASX market announcements dated 7 December 2022, 2 February 2023 and 16 May 2024 released by the Company and reported in accordance with the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (JORC Code). The original market announcement is available to view on www.batteryage.au and www.asx.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in any original announcement and that all material assumptions and technical parameters underpinning the estimates in the original market announcement continue to apply and have not materially changed.

Acceptance By attending a presentation or briefing, or accepting, accessing or reviewing this document you acknowledge, accept and agree to the matters set out above.

Authorisation This document has been authorised for release by the Company's Board of Directors.

Corporate Profile: BM8 (ASX)



\$0.14

(as of (29/08/24))



93.1M

shares on issue (41.9m unlisted options @ 50c, 1.7m performance rights)



\$9.5M

Investment in Equinox Resources (34.5m shares at \$0.27, price 29/08/2024)



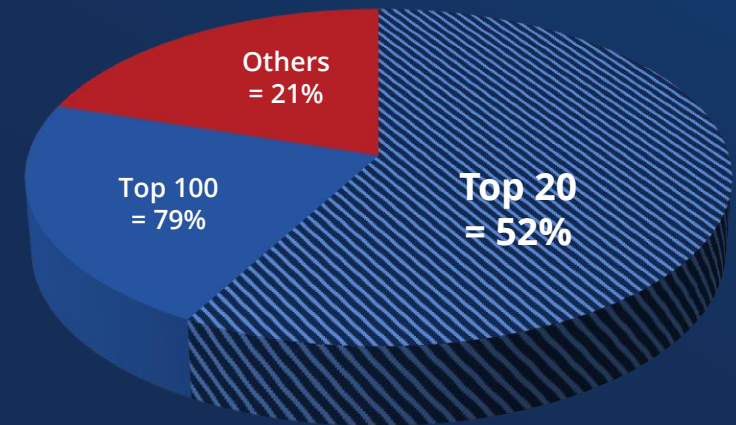
\$13.1M

Market Capitalisation
29/08/24



\$1.8M

(as of 30 June 24)



% of Units held by Shareholders

BM8 Company Highlights



Battery Metals focused, ex-Pilbara Minerals management with a high-quality portfolio, including the Falcon Lake Lithium project in Ontario, Canada.



Demonstrated Drilling Success at Falcon Lake Lithium Project including **wide** (up to 31.75m in 23FL-031 @ 1.45%) **high grade** (up to 2.04% over 8m in 23FL-018) **mineralisation** at Falcon Lake **from surface**¹



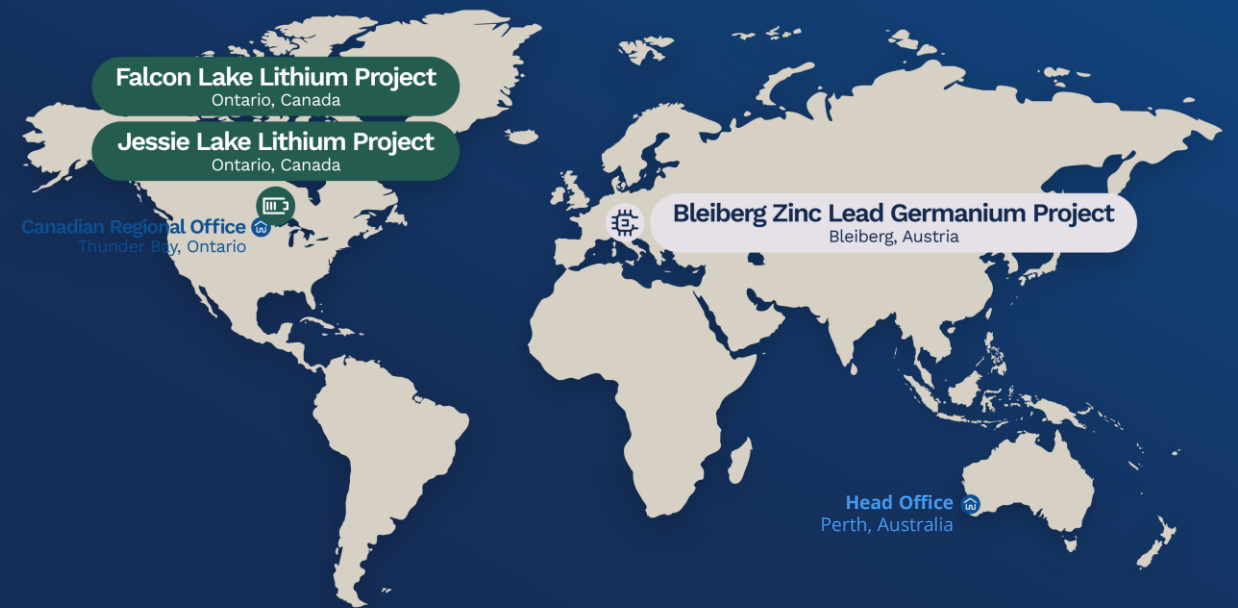
Multiple high priority drill targets² identified across a **5km mineralised corridor** at Falcon Lake



Proximity to **supporting infrastructure** including roads and proposed green power and **downstream markets**



High-Potential Bleiberg Project with **Germanium and Gallium Exposure**



1. Refer to ASX announcement dated 14 September 2023
2. Refer to ASX announcement dated 6 September 2023

Board of Directors

Robert Martin

Non-Executive Chairman

- Accomplished Company Director
- 25 years' experience across a broad range of sectors including mining and mining services
- Current Chairman of Critical Resources (CRR), an Ontario based Lithium exploration company with an 8Mt JORC compliant resource
- Non-Executive Chairman at Equinox Resources Ltd (ASX:EQN), Infini Resources Ltd (ASX:I88) & Pioneer Lithium (ASX: PLN)



Gerry Fahey

Non-Executive Director

- 40 years' experience in both the international and local minerals industry
- Specialist in mining geology, mine development and training.
- Formerly a Director of CSA Global Pty Ltd & member of the Joint Ore Reserve Committee (JORC)
- Director of Prospect Resources (PSC)
- Director of Focus Minerals Ltd (FML)



Dr. David Pevcic

Non-Executive Director

- Experienced investor and corporate professional, with a principal focus on the resources and technology sectors
- Executive Director of Infini Resources Ltd (ASX:I88), Non-Executive Chairman of Nanoveu Ltd (ASX:NVU), and founder of several privately owned mineral exploration ventures in Canada, Brazil and Australia.
- Holds a Bachelor of Science, Bachelor of Medicine and Bachelor of Surgery from the University of Western Australia



Senior Management

Ex- Pilbara Minerals personnel with significant lithium experience

Nigel Broomham

Chief Executive Officer

- Geologist with 15 years' experience, including 10+ in battery metals space
- Head of Geology at Pilbara Minerals Pilgangoora Project from 2017 to 2023
- Director of Critical Resources (CRR)
- Director of Pioneer Lithium (PLN)



Paul Hughes

Chief Financial Officer

- Experienced Finance & Accounting professional (CPA)
- Last 12 years within ASX listing mining companies
- Past 4.5 years at Pilbara Minerals in roles such as integrated mine and financial planning
- Most recently as Corporate Planning & Investment lead



Nick Mitchell

Exploration Manager
(Canada-based)

- Over 20 years industry experience with a Bachelor of Science from the University of Victoria, Canada
- Played a key role in the supervision and executive of the Phase II drilling at Falcon East extension
- Previously worked for Fronteer Gold and Cantex Mine Development Corp



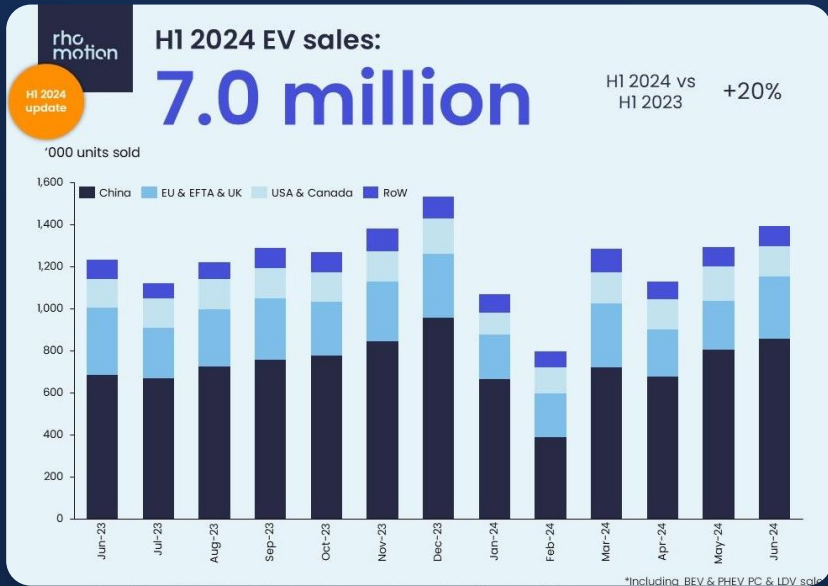
Harry Spindler

Company Secretary

- Experienced corporate professional with a broad range of corporate governance and capital markets experience
- 15 years' experience as Co-Sec
- Mr Spindler has held various company secretary positions across a diverse range of ASX-listed companies

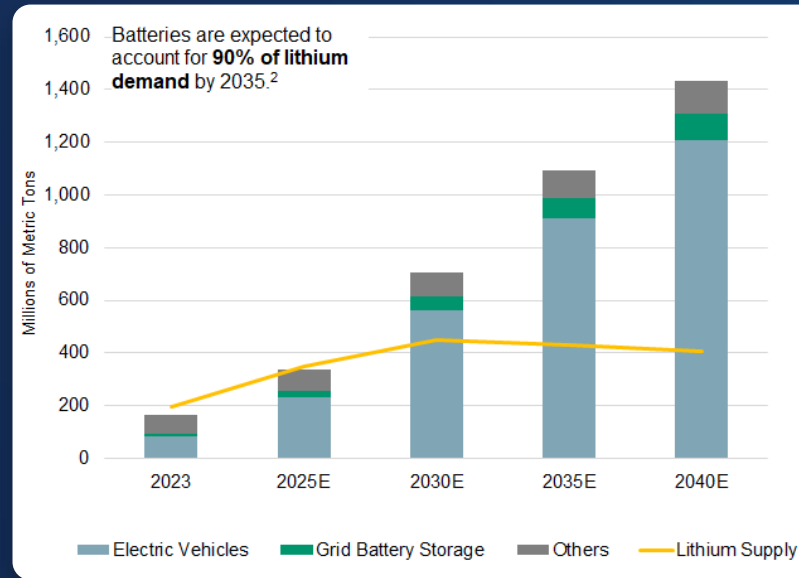


Lithium: Short-Term Opportunities for a Long-Term Trend



Source: RhoMotion July 2024

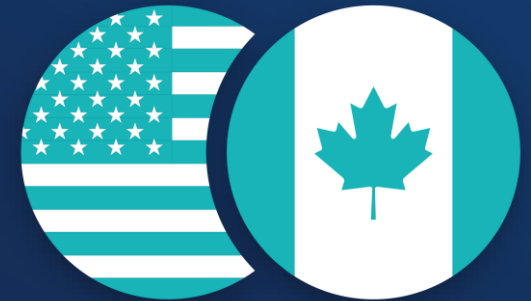
H1 2024 vs H1 2023
EV sales **increased 20%**



Benchmark (BMI) forecast lithium supply **shortage** by **2025**



2024 EV Sales
USA & Canada =
10% growth in 2024
Adding to **68%**
growth in 2023



Source: RhoMotion Jan 2024

Strategically Located Projects

Ontario, Canada

Sudbury

Ontario

Detroit/Windsor

St. Thomas

umicore
posco
PIEDMONT LITHIUM
SAYONA

HONDA

STELLANTIS LG Energy Solution

AKASOL

gm LG Energy Solution

LG Energy Solution

TOYOTA

SK

Ford

Envision AESC

TESLA

SK

SAFT

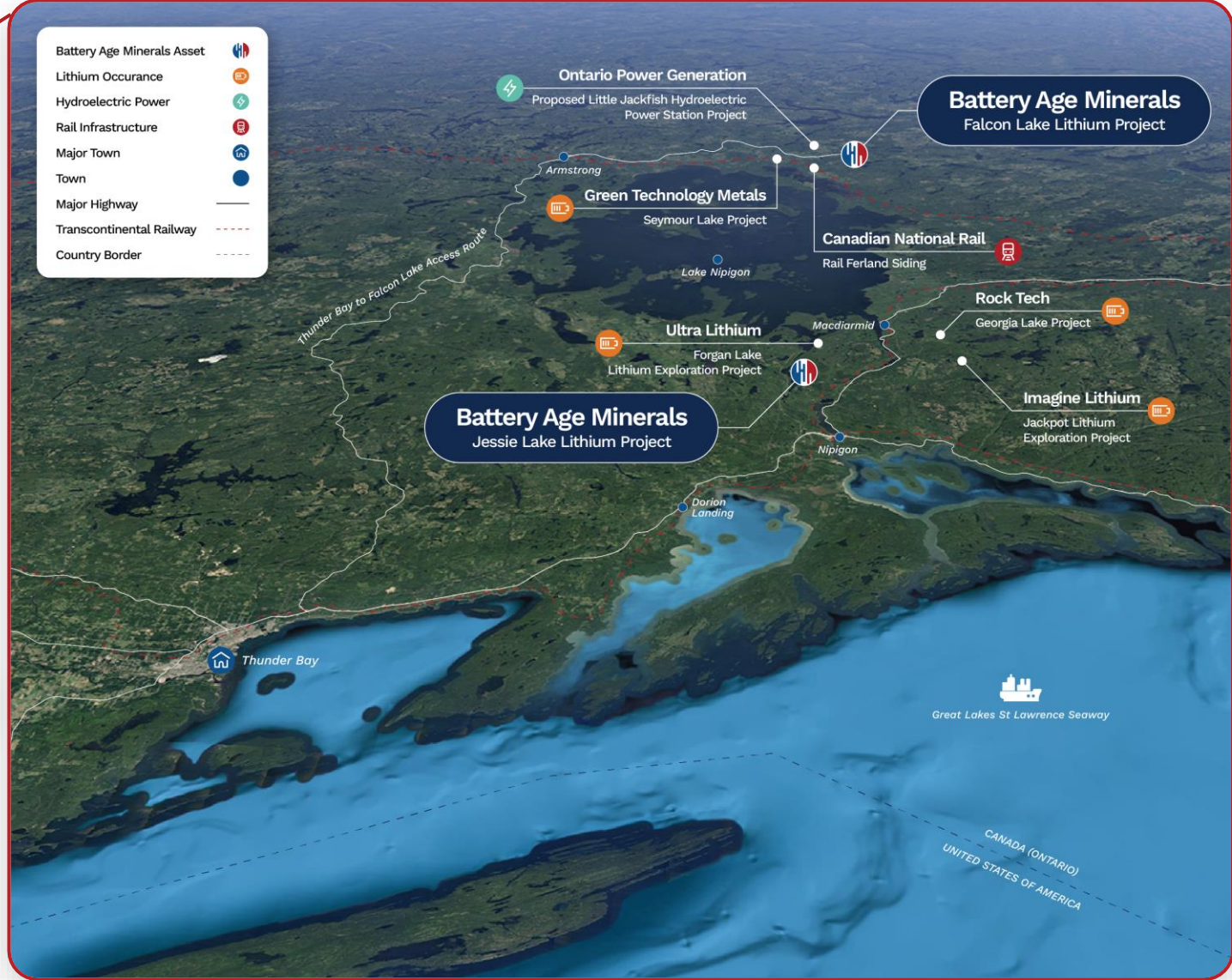
PowerCo
C\$7b battery gigafactory, St Thomas, Ontario

STELLANTIS
C\$5b automotive battery ops investment in Windsor, Ontario

gm
C\$2B major all electric assembly plant, Ontario

HONDA
C\$15B 4 new EV plants in Ontario. JV with POSCO and Asahi

- Battery Age Minerals Asset
- Lithium Occurrence
- Hydroelectric Power
- Rail Infrastructure
- Major Town
- Town
- Major Highway
- Transcontinental Railway
- Country Border



Falcon Lake - Highlights to date

Feb 23

Relisted on the ASX trading as BM8 & established Canadian Lithium Operations



Jun 23

Commenced Maiden Drill Campaign of planned 5000m - completed over 7000m



Sep 23

Outstanding Drilling Results including 31.75m @ 1.45% Li₂O from 14.46m



Nov 23

Commenced Phase II Drill Campaign. Received drilling permit covering 5km prospective corridor



July 24

Spodumene mineralisation identified at Falcon Extension property



Jun 23

Executed Early Exploration Agreements with First Nation Partners



Aug 23

Identified 30 pegmatites & multiple additional targets for winter drilling campaign



Oct 23

Consolidation of Falcon Lake and Falcon North through acquisition of FL Extension



Dec 23

Drilling Success continues, significant results @ new discovery including 20.65m @ 1.48% from 66.6m



Aug 24

Wide zones of spodumene-bearing pegmatites intersected in new targets



Falcon Lake Lithium Project

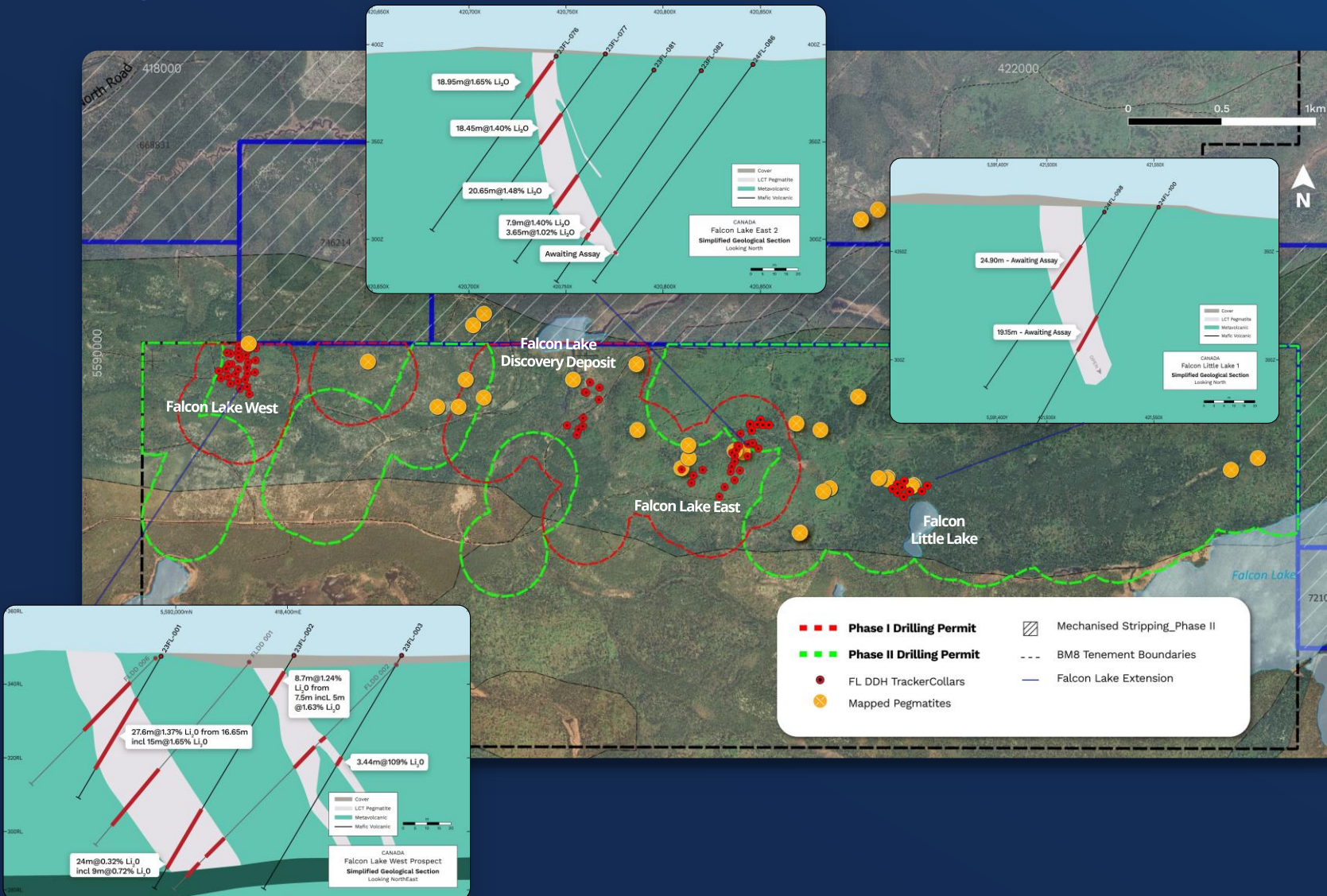
Only scratched the surface

Numerous Spodumene Pegmatites over 5km corridor

106 holes for 12,000m have been completed to date. Originally, focused on historical mineralised occurrences including Falcon West, Discovery & East

Recent drilling focused on new discovery's - Falcon East Extension & Falcon Little Lake. 2 of 30 targets generated from BM8 field campaigns.

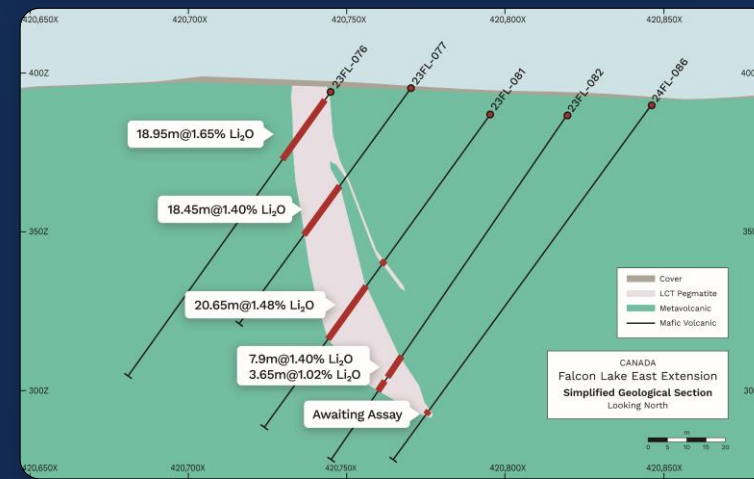
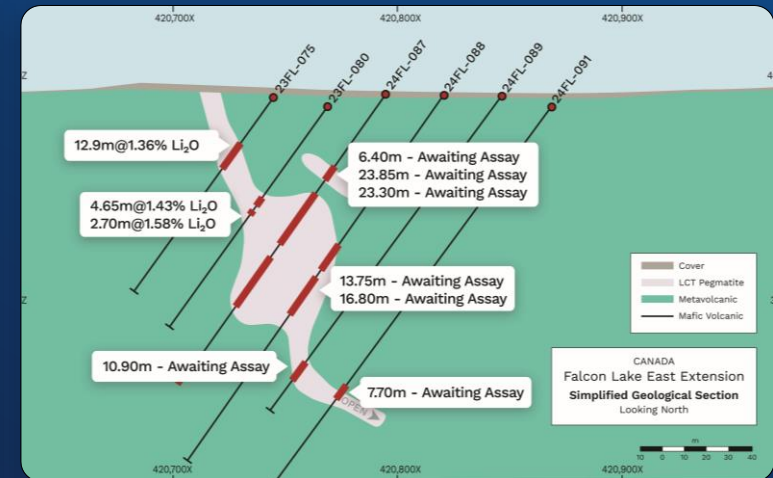
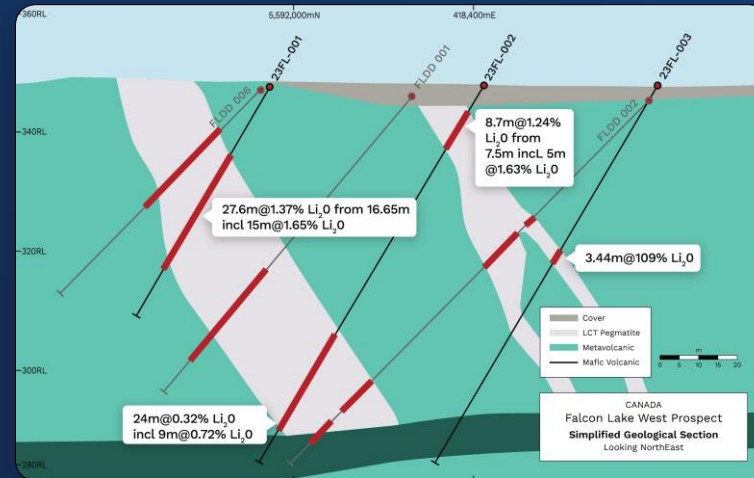
Drilling permitted unlocking 5km prospective corridor



Falcon Lake Lithium Project

Outstanding Drill Results

Hole	From_m	To_m	Interval_m	Li ₂ O (%)
23FL-031	14.65	46.4	31.75	1.45
23FL-005	46.3	76.05	29.75	0.81
23FL-001	16.65	44.25	27.6	1.37
23FL-059	19.65	47	27.45	0.83
23FL-002	62	86	24	0.32
23FL-004	5.7	27.62	21.9	1.44
23FL-081	66.6	87.25	20.65	1.48
23FL-072	48.8	69	20.2	0.58
23FL-067	28.5	47.6	19.1	1.34
23FL-076	1.75	20.7	18.95	1.65
23FL-077	37.8	56.25	18.45	1.40
23FL-061	11.95	30	18.05	1.02
23FL-071	46.8	64	17.2	0.92
23FL-058	11.1	27	15.9	0.95
23FL-030	3.7	18.4	14.7	1.5
23FL-024	5.4	18.75	13.35	1.5
23FL-075	26.7	39.6	12.9	1.36
23FL-020	22.05	33.5	11.45	1.33
23FL-065	26.6	37.75	11.15	1.05
23FL-002	7.5	16.2	8.7	1.24
23FL-018	3.6	12.25	8.65	2.04

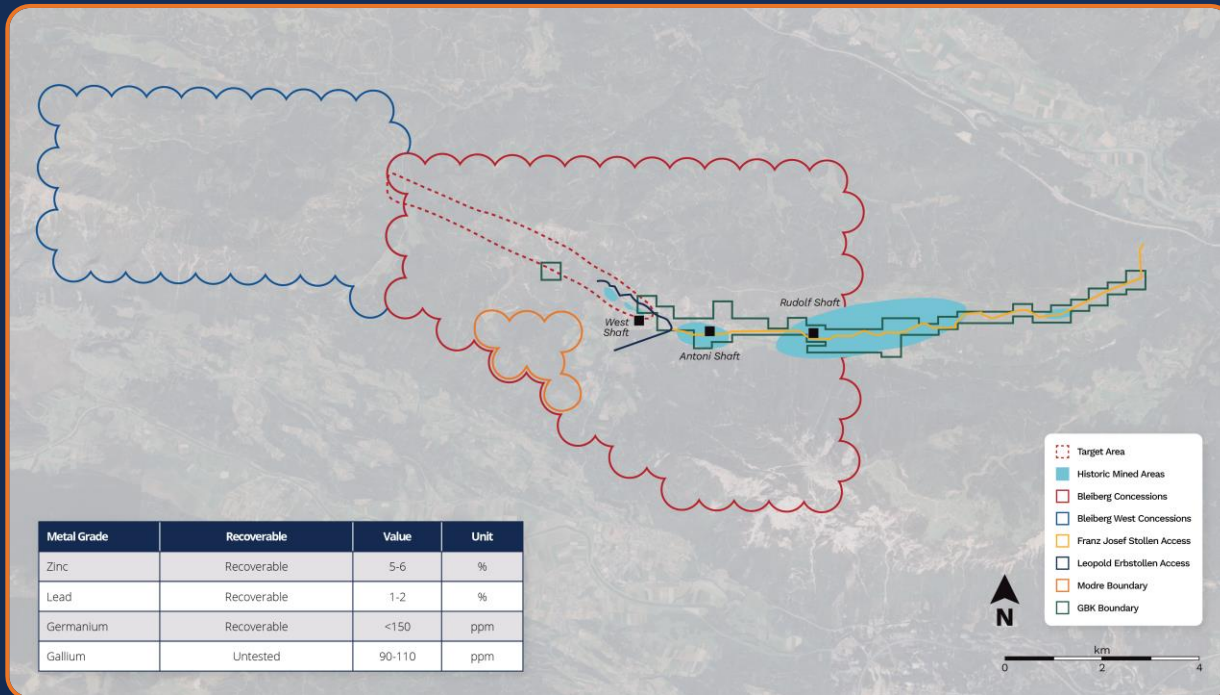


Assay result highlights from Falcon Lake, Intervals are down hole length, true width not known

Bleiberg Zinc Lead Germanium Project

Critical Elements in Austria

- Highly prospective for **Germanium & Gallium**
- Historical grades over **200g/t Ge** & recoveries of **150g/t Ge¹**
- The Bleiberg mine was one of the **largest germanium producers** in the world whilst in production
- **Additional Landholding** acquired



1. Cerny, J. (1991). Lagerstättenforschung in Kärnten. Neue Ergebnisse und Aspekte für die Zukunft. Carinthia II 181./101. Jahrgang S. 119-129. Klagenfurt 1991, Cerny, J. and Schroll, E. (1995). Spezialmetallgehalte in ZnS-Konzentraten der Lagerstätte Bleiberg-Kreuth. Arch. f. Lagerst.forsch. Geol. B.-A. ISSN 0253-097X Band 18 S. 5-33. Wien, Juni 1995, Schroll, E. (2006). Neues zur Genese der Blei-Zink Lagerstätte Bleiberg, Carinthia II 196./116. Jahrgang Seiten 483-500. Klagenfurt 2006

2. Refer to ASX announcements dated 13 July 23 & 16 May 24, BM8 interest in 51%, right to earn up to 80% of red claims, 100% interest in blue claims

Bleiberg Zinc Lead Germanium Project

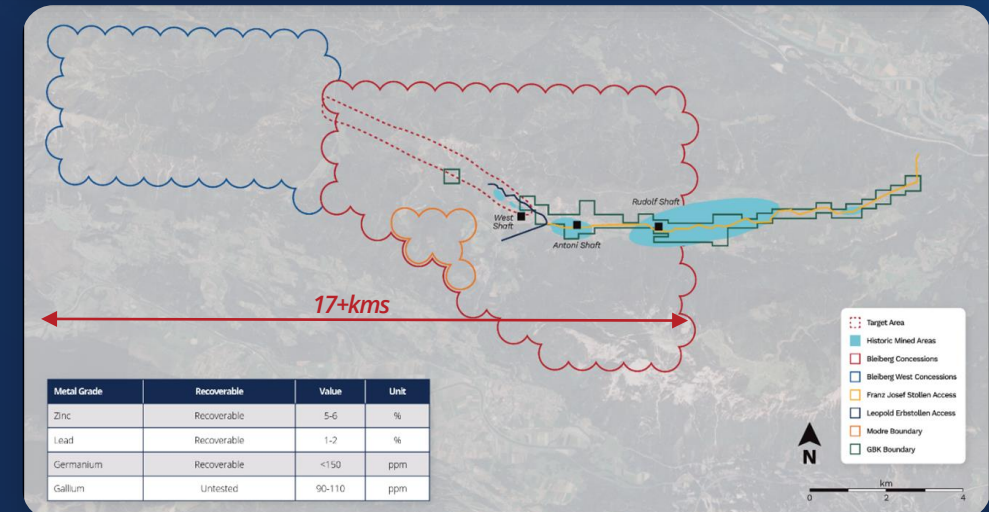
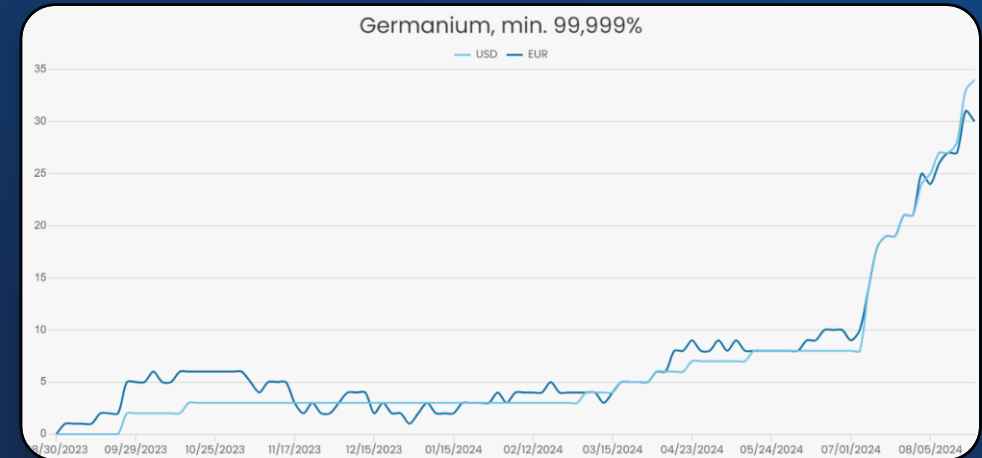
Strategic Importance of Germanium and Gallium

Germanium and Gallium

- **High-Performance Logic Chips**, as used in the Automotive Industry, Wireless Technology or new generation computing, Silicon-Germanium chips reign king.
- Germanium's strategic value is underscored by TSMC's plans to increase its use in next-gen Si-Ge chips, bolstered by China's export restrictions.
- Gallium is crucial for manufacturing semiconductor wafers with superior performance in high-frequency and heat-resistant applications.

Global Importance

- At closure, Bleiberg was the 6th largest producer of Germanium globally, with Gallium mineralization also identified in historical workings.
- Both minerals are on critical mineral lists in the U.S., EU, Japan, India, and Australia.
- Strategic minerals like Germanium and Gallium are critical in technologies such as Electronic Vehicles, AI, Quantum Computing, and High-Performance Logic Chips.



1. Cerny, I. (1991). Lagerstättenforschung in Kärnten Neuergebnisse und Aspekte für die Zukunft. Carinthia II 181./101. Jahrgang S. 119-129 Klagenfurt 1991, Cerny, I. and Schroll, E. (1995). Spezialmetallgehalte in ZnS-Konzentraten der Lagerstätte Bleiberg-Kreuth. Arch. f. Lagerst.forsch. Geol. B.-A. ISSN 0253-097X Band 18 S. 5-33 Wien, Juni 1995, Schroll, E. (2006). Neues zur Genese der Blei-Zink Lagerstätte Bleiberg. Carinthia II 196./116. Jahrgang Seiten 483-500 Klagenfurt 2006

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Bleiberg Zinc Lead Germanium Project

Successful Field Verification and Strategic Engagement

Historic Data Utilisation



Over **100 years of historic mining data** from Bleiberg Zinc-Lead-Germanium Mine successfully accessed, collated, and digitized.



The extensive data acquisition enables BM8 geologists to **fast-track exploration** targeting potential extensions of known mineralization.



Multiple drill targets generated extending **over a 6 km** strike length



Validation of digitized historical data, including geological maps, underground mine workings, and exploration drilling datasets. All historical data points were **located and confirmed** within the exploration tenure.



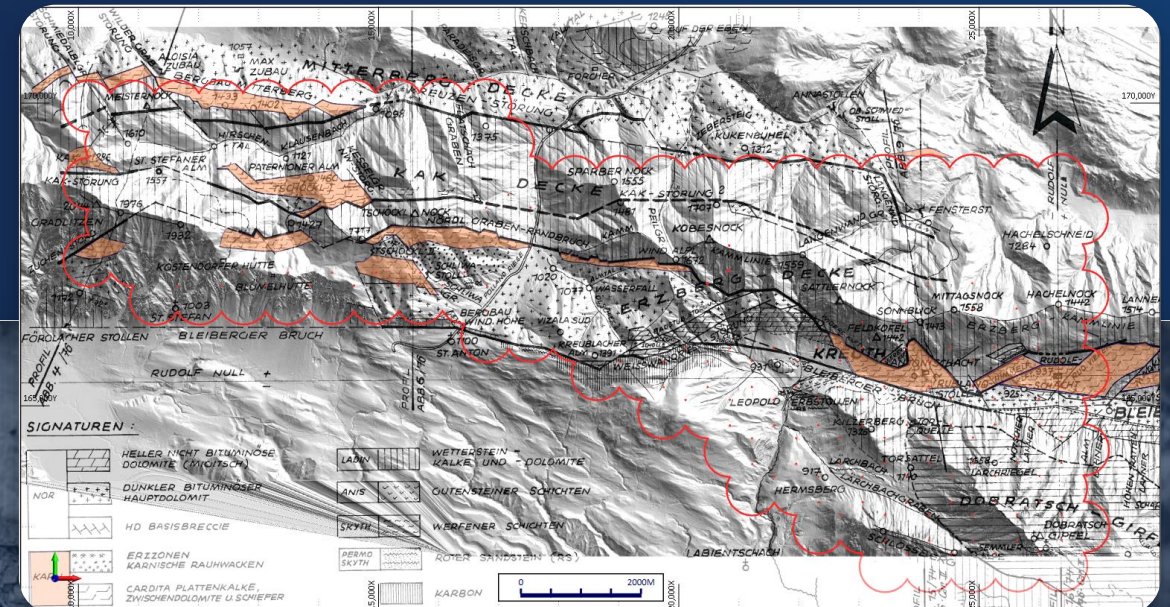
Strategic Engagement



Productive meetings held with local stakeholders and mayors of Bad Bleiberg and St. Stefan.



Positive reception and support for upcoming exploration activities. **Detailed exploration plans** and community engagement strategies discussed.



Investment Highlights



Strategic Focus on Battery Metals essential for the growing electric vehicle and renewable energy markets



Strong Industry Tailwinds. The global shift towards sustainable energy and electrification



Experienced Management with Lithium and battery metals focus



Promising Project Portfolio. Diverse range of high-potential exploration projects in key mineral-rich regions, offering multiple opportunities for discovery and development



Strong relationships built with First Nations Partners with EEA's signed and ESG framework being developed



High Priority Drill Targets identified and generated.



Demonstrated Drilling Success & Multiple Targets to test thick high-grade mineralisation demonstrated with only a small section of the property explored



**Battery Age
Minerals**

Contact Information

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ASX | BM8