

Fieldwork Campaign Confirmed at Bleiberg Lead-Zinc-Germanium Project in Austria

HIGHLIGHTS

- **Upcoming Field Campaign:** Battery Age Minerals is set to conduct its maiden field campaign in early October aimed at validating and refining drill targets over a 6km strike length at the Bleiberg Zinc-Lead-Germanium Project.
- **Maiden Field Campaign to include:** Reconnaissance geological traverses to enhance mapping efforts and the collection of surface samples, assessment of scale, and establishing drilling targets.
- **Focus on High-Potential Targets:** The technical team aims to prioritise identified high-potential drill targets, leveraging the favourable geological, mineralogical, and stratigraphic parameters that underscored the Bleiberg area as a historical world-class mining district.
- **Advanced Targeting Strategy:** The Company has integrated over 100 years of historical geological data, confirming the presence of mineralisation-hosting stratigraphy and identifying areas with historical mining evidence
- **Strategic Metal Prices Surge:** Prices for germanium and gallium, have significantly increased over the past 12 months, underscoring the strategic importance of these metals and highlighting the opportunity for the Bleiberg Project to tap into the growing market.
- **Scale:** The historical Bleiberg mine was one of the largest germanium producers in the world whilst in production, and the area is host to some of the world's highest Germanium grades as well as Gallium mineralisation (90-110g/t)^{1,2}.

Battery Age Minerals Ltd (ASX: **BM8**; “**Battery Age**” or “**the Company**”) is pleased to announce the details for its upcoming field campaign. CEO Nigel Broomham and Chief Geological Advisor, Dr Simon Dorling will be completing infield geological works targeted at validating and refining drill targets ahead of submitting the Company's maiden drilling permit at the Bleiberg Zinc-Lead-Germanium Project.

Battery Age has advanced its targeting strategy by integrating 100+ years of historical geological data, confirming the presence of prospective mineralisation-hosting stratigraphy, and identifying several areas with historic mining evidence, extending drill targets over a 6km strike length (Figure 1).

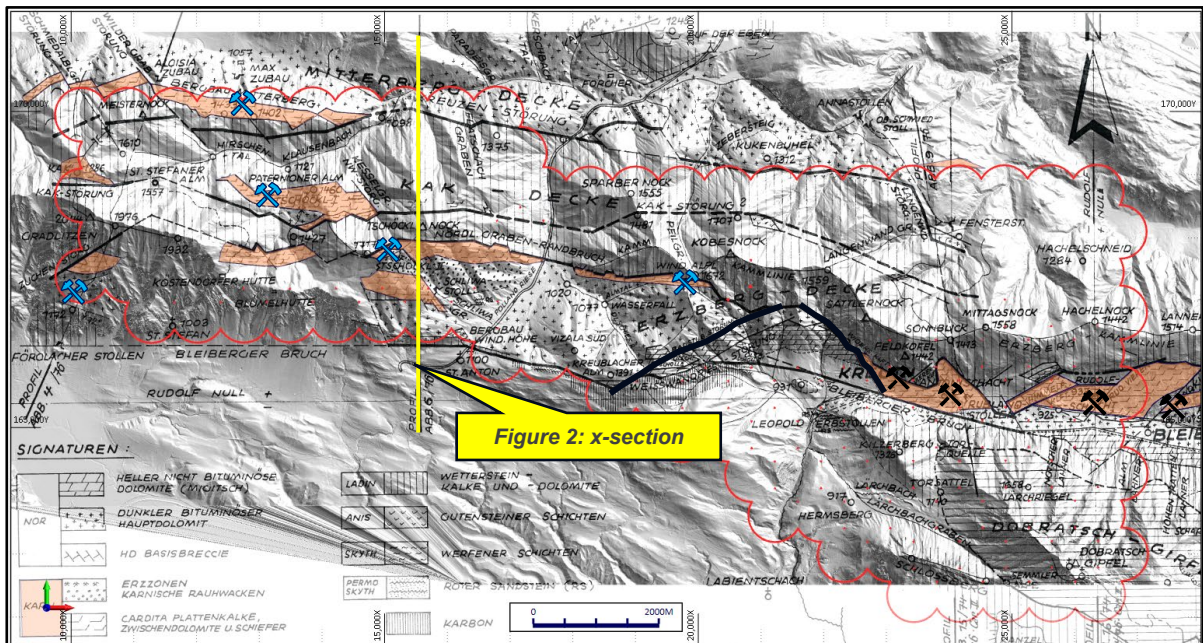


Figure 1: Geological map of the area underlying BM's Bleiberg project area with outcropping target horizons in orange; (X) indicates the location of the Bleiberg Mining Shafts; (X) indicates old historic mine workings and adits).

The work program will result in the verification and a refined exploration strategy, which includes defining targets, assessment of scale, and establishing clear decision milestones. Field works will include reconnaissance geological traverses to enhance mapping efforts and the collection of surface samples. Additionally, the team will reconfirm prospective geological and structural domains while validating historic soil geochemical anomalies and reviewing the level of exploration conducted at each site. A thorough verification and sourcing of all historic drilling information will also be undertaken. To optimise the Company's drilling strategy, we will revise and redesign our stratigraphic and conceptual drill holes, followed by the prioritisation and execution of drilling at identified high-potential targets.

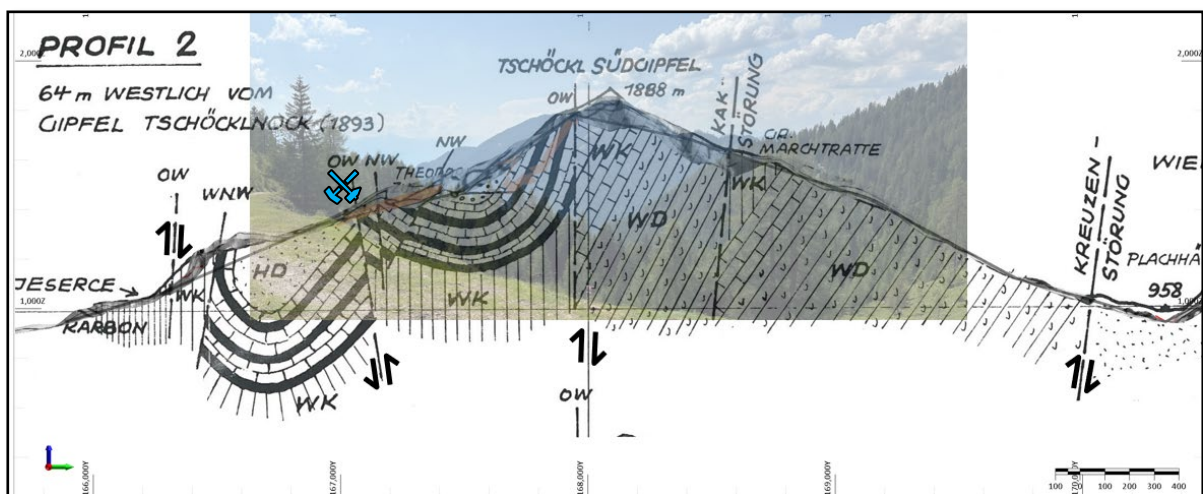


Figure 2: Geological profile of the central project area looking west (refer Figure 1).

The Company's technical team sees all the geological, mineralogical and stratigraphic favourable parameters materialised in the west, that made the historic Bleiberg area a world-class mining district, and to set an exploration target a probable outcome from its first drilling program.

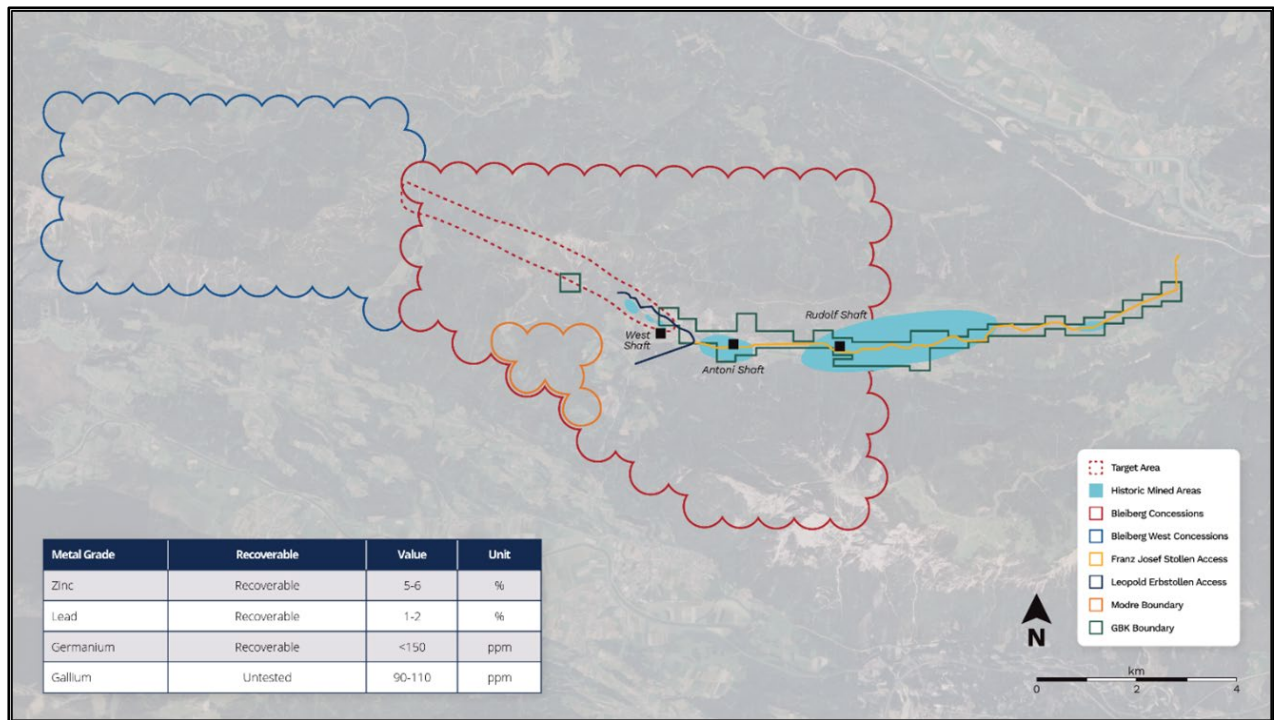


Figure 3 – Identified mineralised trend located along strike from historical workings. Inset table demonstrates historical data for the Bleiberg Mine from previous workings) ^{1,2,9}.

Germanium and Gallium: Strategic Significance and Opportunities

Over the past 12 months, prices for both germanium and gallium have experienced significant increases. According to *tradingeconomics.com*, Germanium increased 9,150 CNY/Kg or 97.34% since the beginning of 2024, according to trading on a contract for difference (CFD) that tracks the benchmark market for this commodity. Gallium has risen +37% since Jan 1st, 2024. This rise has largely been attributed to a combination of factors:

- **Supply Chain Disruptions:** Both metals have faced supply chain challenges, including reduced production and export restrictions. For instance, restrictions from major producers or geopolitical tensions have constrained supply.
- **Increased Demand:** Demand for germanium and gallium has surged due to their critical roles in high-tech applications. Germanium is used in fiber optics, solar panels, and electronics, while gallium is essential for semiconductors and LED technologies.
- **Market Speculation:** The growing interest and speculation in these metals have also contributed to price hikes. Traders and investors anticipating future shortages have driven prices higher.

- **Geopolitical Factors:** Trade policies and geopolitical tensions, particularly involving major producers like China, have influenced market stability and pricing.

These factors combined have led to a notable increase in the prices of both germanium and gallium over the last year.

The U.S., EU, Japan, India, and Australia have all designated Germanium and Gallium as critical minerals due to their importance, concentration and scarcity. This highlights a significant strategic opportunity for Battery Age and the Bleiberg Project, which is well-positioned to disrupt the rigid supply chain for these vital semiconductor materials.

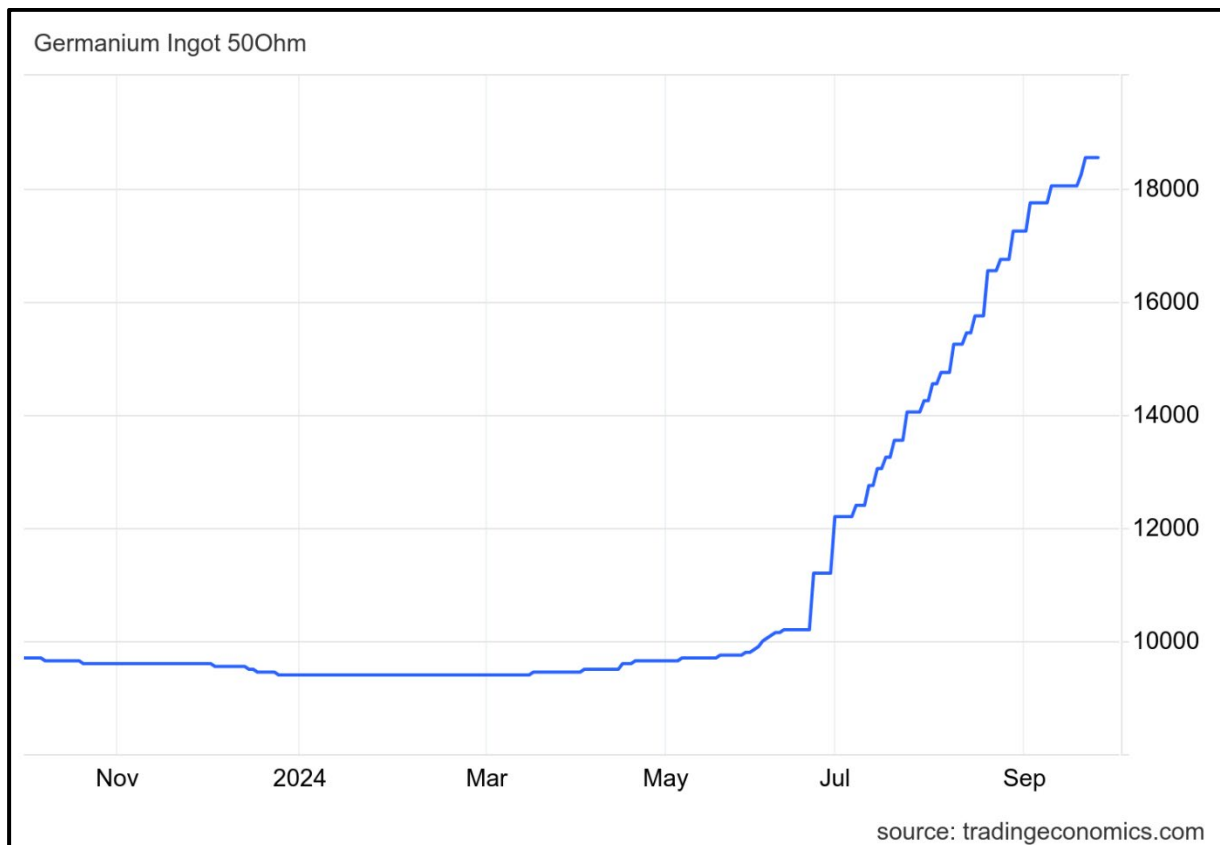


Figure 4 – Germanium increased 9,150 CNY/Kg or 97.34% since the beginning of 2024, according to trading on a contract for difference (CFD) that tracks the benchmark market for this commodity.

Battery Age CEO Nigel Broomham commented:

"We are excited to announce the upcoming field campaign at our Bleiberg Zinc-Lead-Germanium Project, which marks a crucial step in our exploration efforts. By leveraging over a century of historical geological data, we are not only validating our drill targets but also positioning ourselves to tap into the significant opportunities presented by the rising prices of zinc, germanium and gallium. We are especially grateful for the support of the local community members, whose insights and partnership are invaluable as we embark on this journey. Our team is committed to optimising our drilling strategy and maximising exploration outcomes, and we believe the Bleiberg area, with its rich history, holds tremendous potential for both our company and our stakeholders."

Release authorised by the Board of Battery Age Minerals Ltd.

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Compliance Statement

This announcement contains information on the Bleiberg Project extracted from an ASX market announcements dated 8 December 2022, 2 February 2023, 13 July 2023, 26 February 2024, 26 March 2024, 23 April 2024 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. Battery Age is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources (as that term is defined in the JORC Code) that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

References:

1. Schroll, e. (2006). Neues zur Genese der Blei-Zink Lagerstätte Bleiberg. *Carinthia II* 196./116. Jahrgang Seiten 483-500 Klagenfurt 2006
2. 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
3. Germanium-based transistors for future high performance and low ... (2015) TSMC Logic. Available at: <https://research.tsmc.com/page/high-mobility-channel/14.html>.
4. Refer Thomson Reuters “China’s rare earths dominance in focus after it limits germanium and gallium exports”, 5 July 2023, refer CNN “China hits back in chip war, imposing export curbs on crucial raw materials” 3 July 2023.
5. Multi-Met (2023) Bleiberg Project - Multi-Met, Multi. Available at: <https://multimetdev.com/projects/bleiberg-project/>
6. Leach, D, Taylor, R, Fey, D et al. (2010), , A deposit model for Mississippi Valley-Type lead-zinc ores, USGS Scientific Investigations Report 2010-5070-A
7. Schor, D. (2021) TSMC details 5 nm, WikiChip Fuse. Available at: <https://fuse.wikichip.org/news/3398/tsmc-details-5-nm/> (Accessed: 25 February 2024).
8. 5NM technology, Taiwan Semiconductor Manufacturing Company Limited. Available at: https://www.tsmc.com/english/dedicatedFoundry/technology/logic/l_5nm
9. Refer to earn-in terms and structure set out in the Company’s Prospectus dated 7 December 2022, and announcement 16 May 2024.
10. Strategic Metals Invest; <https://strategicmetalsinvest.com/germanium-prices/>, August 2024.
11. Germanium, <https://tradingeconomics.com/commodity/germanium#:~:text=Germanium%20increased%209,150%20CNY/Kg%20or,September%2024.>