

## BM8 Critical Minerals Projects Update

Significant progress across all of BM8's foundational assets position the Company to become a key contributor to global critical mineral markets.

### Highlights to date include:

- **Rapid advancement of the Falcon Lake Lithium Project in Ontario, Canada including:**
  - **Signing of Early Exploration Agreements with key First Nation Groups.**
  - **Successful maiden drilling campaign, including:**
    - **7,381m of NQ diamond drilling completed safely as part of initial drilling phase;**
    - **Thick, shallow, high-grade intercepts including assays of up to 31.75m @ 1.45% Li<sub>2</sub>O;**
    - **Multiple intercepts over 10m in width; and**
    - **Mineralisation intersected in the first step-out zone outside of historical occurrences.**
  - **Highly successful Summer Fieldwork Programme with highlights including:**
    - **Completion of fieldworks including LIDAR, Ortho-Imagery, Field Prospecting, Ground Magnetic Survey and Litho-Geochemical Sampling; and**
    - **Over 30 pegmatites mapped by the field exploration team across the full 5km prospective corridor of Falcon Lake.**
  - **Acquisition of the Falcon Extension Property, consolidating the Falcon Main area and increasing the exploration potential in the area by 69%/20km<sup>2</sup>;**
  - **Planning well underway for a follow-up exploration programme, which is due to commence late October; and**
  - **Environmental Baseline Surveys commenced at site.**
- **Pegging of the Jesse Lake Lithium Project & Summer Exploration Works**
- **Fieldwork completed at the Tidili Copper Project in Morocco with information used to define:**
  - **Maiden Drill Programme Targets; and**
  - **Compilation of a drilling tender package which is currently out to market with a view to executing works before the end of CY2023.**
- **Discussions continued with governmental organisations in Austria to progress works on the Bleiberg Project and membership acceptance to the European Materials Alliance.**

Battery Age Minerals Ltd (ASX: BM8; **Battery Age or the Company**) is pleased to provide an update on the progress of its four critical minerals projects, Falcon Lake (Lithium), Jesse Lake (Lithium), Tidili (Copper) and Bleiberg (Zinc-Lead-Germanium), all of which have been significantly advanced since the Company re-listed on the ASX in February 2023.

The Company is focused on the rapid advancement of these projects, positioning it to become a key contributor to the critical minerals industry.

**Battery Age Managing Director Gerard O’Donovan commented:**

*“There has been a significant amount of work and value added to each of our projects since we re-listed on the ASX in February this year.*

*“The substantial progress achieved at our focus asset, Falcon Lake in Canada, has been nothing less than remarkable and is a credit to our team. To forge strong in-country relationships with our First Nation friends and eclipse our original maiden drill programme target of 4-5,000m with the completion of over 7,000m of drilling reflects the success we have enjoyed and the confidence we have in the potential of this project. We also have spent our time wisely during the summer months both prospecting and acquiring additional ground, and we are now well placed to re-commence drilling for the winter months.*

*“While Falcon has been our primary focus this has not taken our attention away from Tidili or Bleiberg. We have been busily working in the background on these valuable projects and we look forward to drilling at Tidili by the end of the year should circumstances permit.*

*“Conversations are also well advanced with our friends in Austria with respect to the formation of a collaborative working group and we will endeavour to formalise that this year, so we can get on the ground next year as planned.”*

**Falcon Lake Lithium Project (Ontario, Canada) (90%)**

Rapid progress has been made at the Falcon Lake Lithium Project since the commencement of exploration works in February 2023.

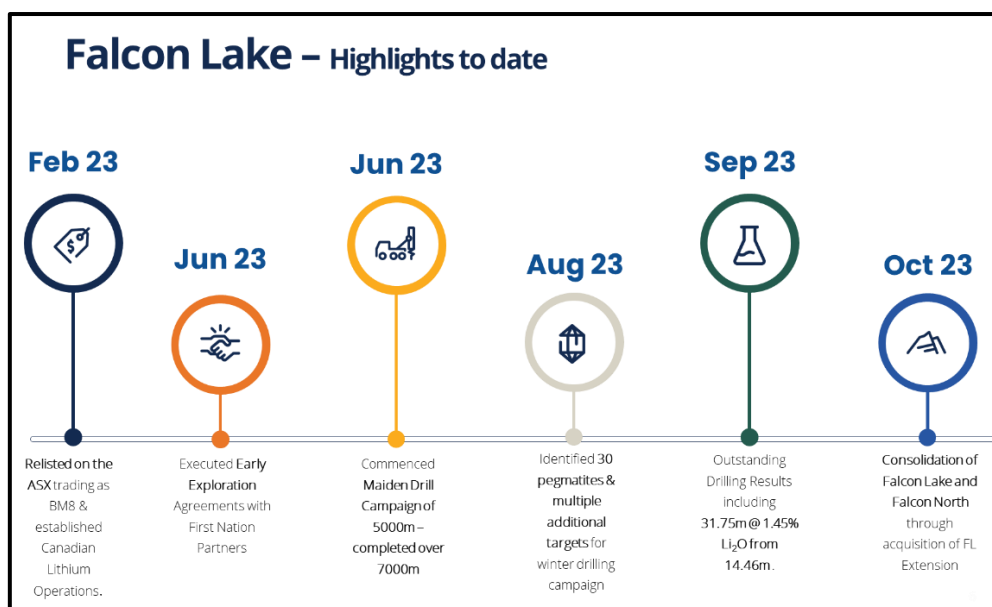


Figure 1 – Falcon Lake achievements to date.

Immediately after re-listing on the ASX in February, the Company rapidly established its Canadian Operations and commenced discussions with key First Nation parties to establish Early Exploration Agreements prior to the commencement of drilling at Falcon Lake.

This was completed in June with two agreements being executed with Whitesand First Nation and AZA/Aroland First Nations. Relationships with all First Nations groups continue to grow, with BM8 management placing a heavy focus on integration and collaboration with local communities. This is fostered through regular engagement, employment and contracting opportunities.



*Figure 2 – Falcon Lake First Nation Partners.*

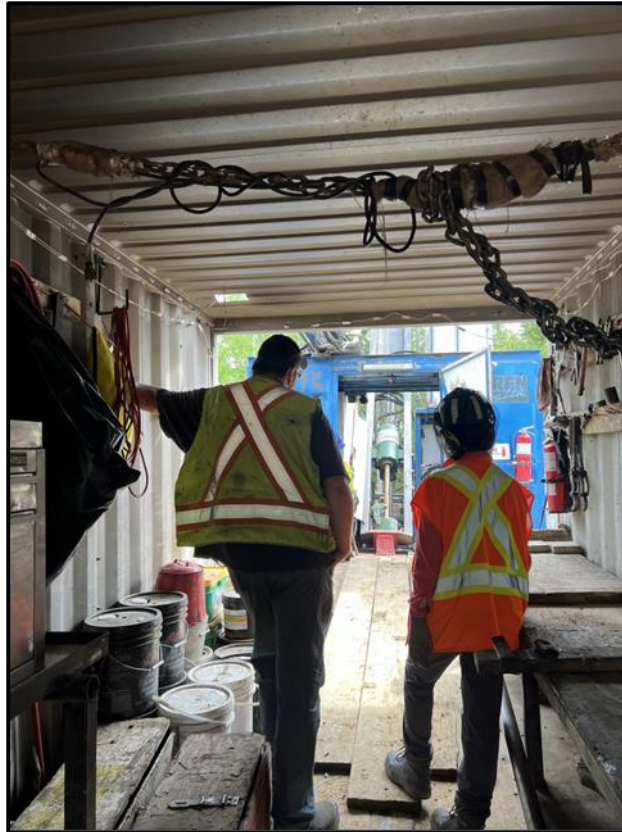
The commencement of the Company's maiden drill programme followed shortly thereafter with more than 7,000m safely drilled, ~2,000m more than was originally planned. Drilling exceeded estimated metres for several reasons:

1. The success of the maiden drill campaign, with multiple thick mineralised intercepts achieved from surface; and
2. Drilling efficiencies returning a better than anticipated cost/m rate.

The maiden drill campaign was successfully delivered by Rodren Drilling with support from BM8 exploration personnel as well as geological support from Coast Mountain Geological



*Figure 3 – Key drilling partners.*



*Figure 4 – BM8 geologist and Rodren Foreman supervising drilling activities on-site.*

68 holes for 7,381m were completed with significant intercepts as follows:

Hole	From_m	To_m	Interval_m	Li <sub>2</sub> 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-061	11.95	30	18.05	1.02
23FL-030	3.7	18.4	14.7	1.5
23FL-058	11.1	27	15.9	0.95
23FL-024	5.4	18.75	13.35	1.5
23FL-020	22.05	33.5	11.45	1.33
23FL-002	7.5	16.2	8.7	1.24
23FL-018	3.6	12.25	8.65	2.04
23FL-033	57.03	64.5	7.47	1.02
23FL-023	56.05	63.21	7.16	1.63
23FL-060	23.85	31	7.15	1.06
23FL-063	10.65	17	6.35	1.06
23FL-018	13.75	19.8	6.05	1.23
23FL-017	23.2	29.09	5.89	1.23
23FL-047	77.7	83.2	5.5	0.73

*Table 1 – Significant drill intercepts.*



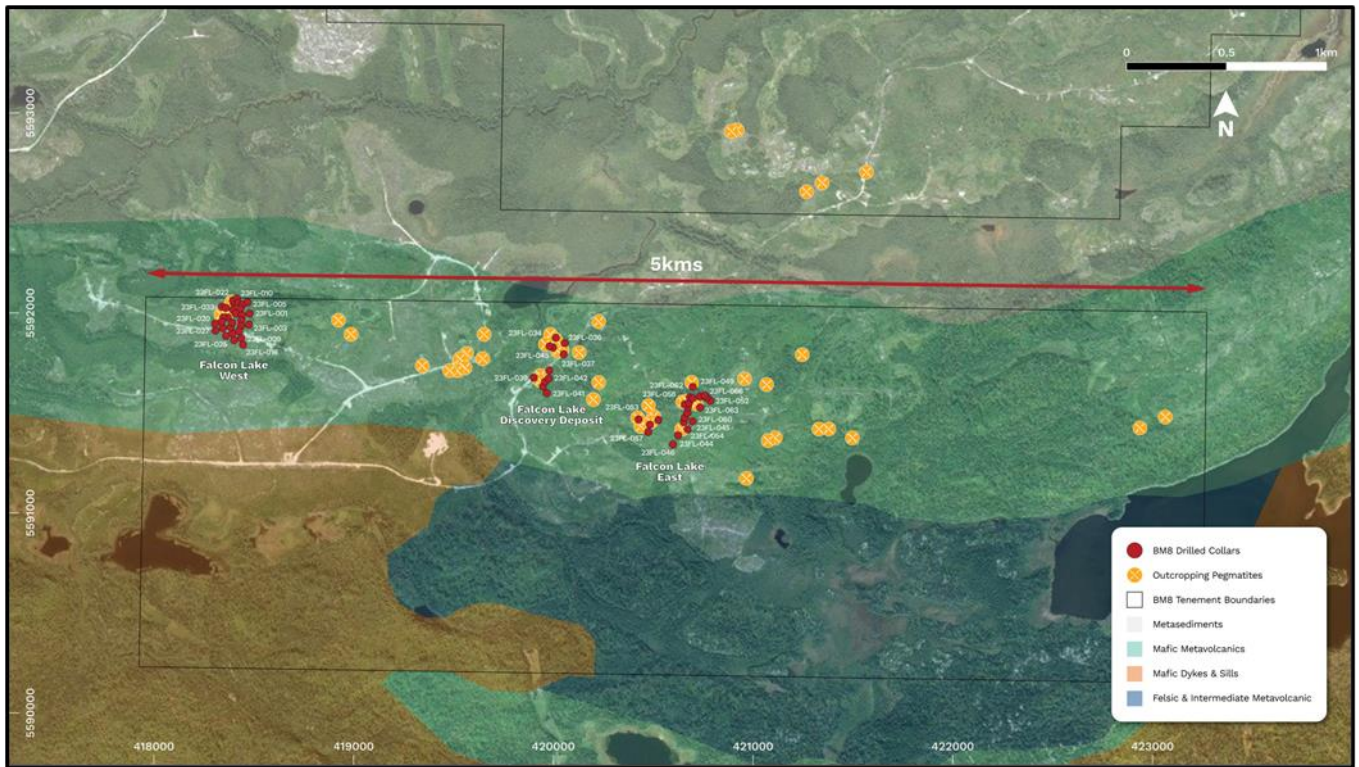


Figure 5 - Falcon Lake Drill Map including collars.

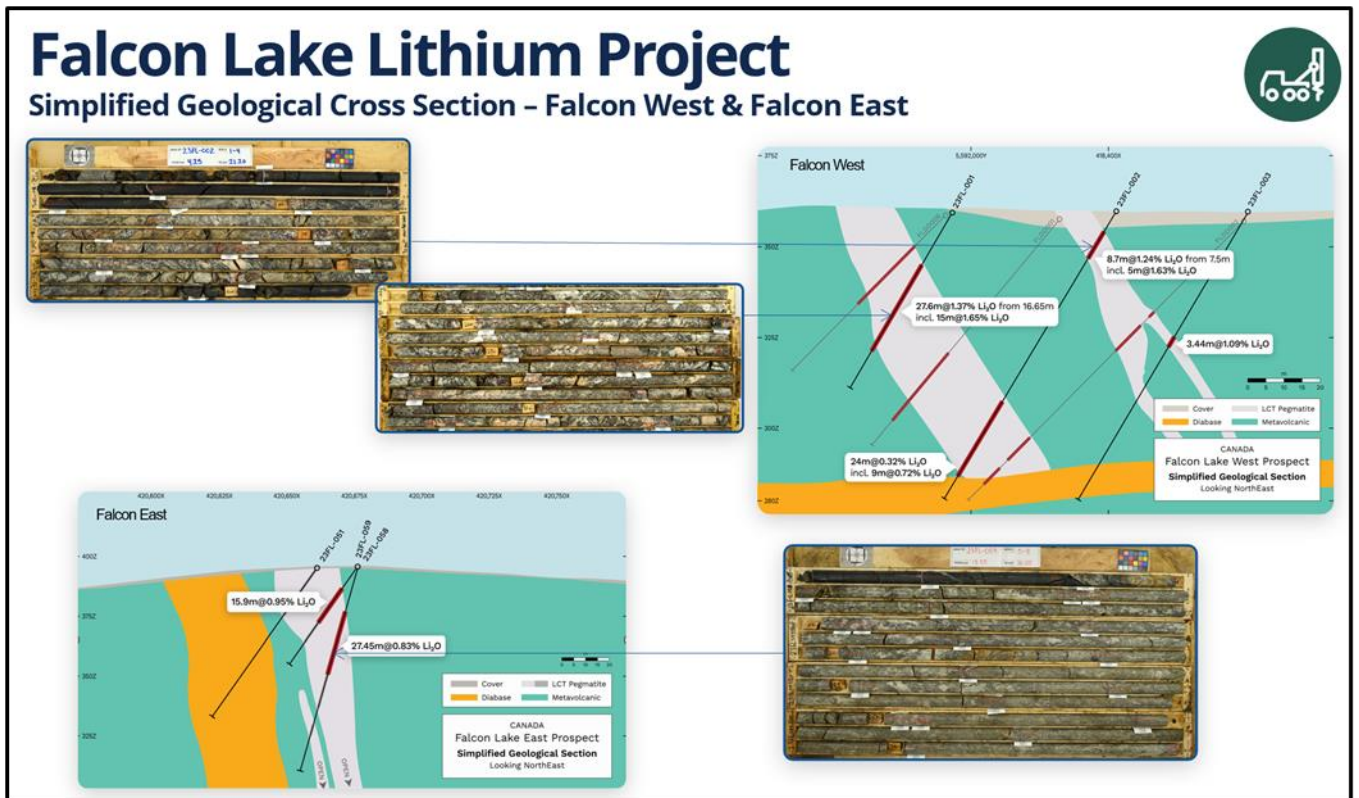


Figure 6 - Simplified Drilling Cross Sections from Falcon Lake

Drilling has been paused as of the end of September to allow for a 4-week hunting break in accordance with drill permit restrictions, with drilling to re-commence at Falcon Lake in late October.

During the Summer Prospecting Season, significant works were carried out at Falcon Lake to further explore the property and define targets moving forward.

Exploration works carried out at site were as follows:

1. LIDAR/Ortho Imagery was flown to delineate geographical variances and acquire high-definition imagery so that areas of interest could be defined and targeted as part of the prospecting works;
2. Field prospecting and sampling works were carried out to identify outcropping pegmatites, with over 30 pegmatites identified and multiple rock chips returning mineralised assays as detailed in Table 2, and Figures 7 & 8 below:
3. Ground Magnetic Survey works were carried out to determine potential locations of pegmatites undercover and to understand the geology of the area; and
4. Geochemical transects have been completed to capture geological data and further refine priority drill target areas.

The results of these prospecting works will be assessed and compiled to generate a comprehensive information database that will be used to design the follow-up drill programme that is scheduled to commence in the coming weeks.

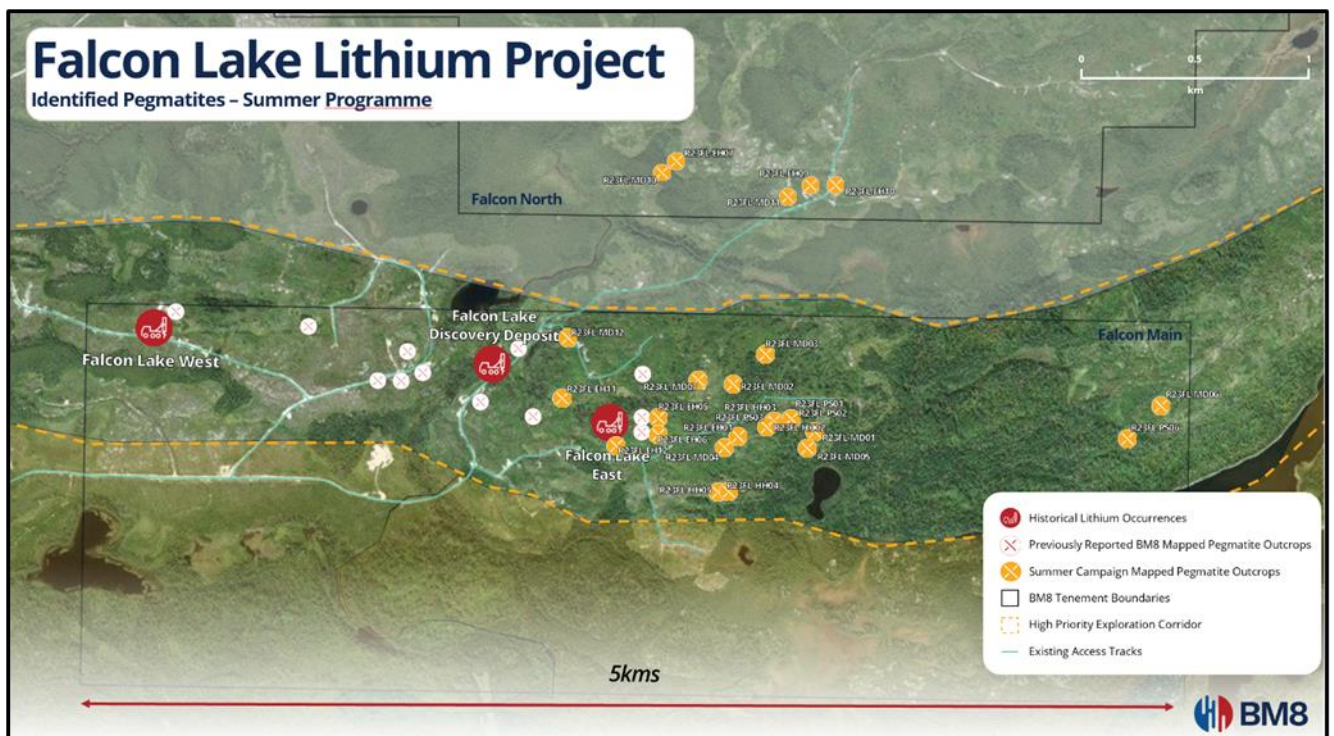


Figure 7 – Mapped pegmatites.

Station ID	Easting	Northing	Li <sub>2</sub> O (%)
B413308	419537.5	5591779	2.73
B413327	418928.7	5591963	2.56
B413319	420445	5591430	2.52
B413458	420200.6	5591569	2.45
B413301	418379.1	5592020	2.35
F009301	421502.8	5591384	2.24
B413302	418384.7	5592037	1.94
F009308	421111.7	5591377	1.93
B413305	418346	5591999	1.71
F069852	421375.5	5591421	1.60
F069801	421377	5591430	1.58
F009307	421494.5	5591377	1.51
F069805	420970	5591172	1.46
B424403	418392.5	5592056	1.46
B413325	419483.6	5591713	1.44
B413306	420652.3	5591421	1.41
B413452	420695.7	5591655	1.20
B413307	420652.3	5591422	1.16
F009314	420675.3	5591553	1.12
F069804	420973	5591174	1.08
F009322	420227.9	5591655	1.02
B413304	418355.9	5592014	0.92
B413457	419511.5	5591714	0.72
B413316	419980.2	5591887	0.69
F009304	421111.8	5591378	0.54
B413459	420417.7	5591476	0.48
F009305	421114.4	5591376	0.45
F069855	422942	5591427	0.43
F009311	420961.1	5591676	0.40
F009302	421071.4	5591645	0.35
B413451	420006.5	5591864	0.25
B413328	418987.3	5591893	0.23
B413454	419934.3	5591674	0.14
B413315	419992.4	5591893	0.14
F069802	421364	5591421	0.13

*Table 2 – Summer rock chip assays.*



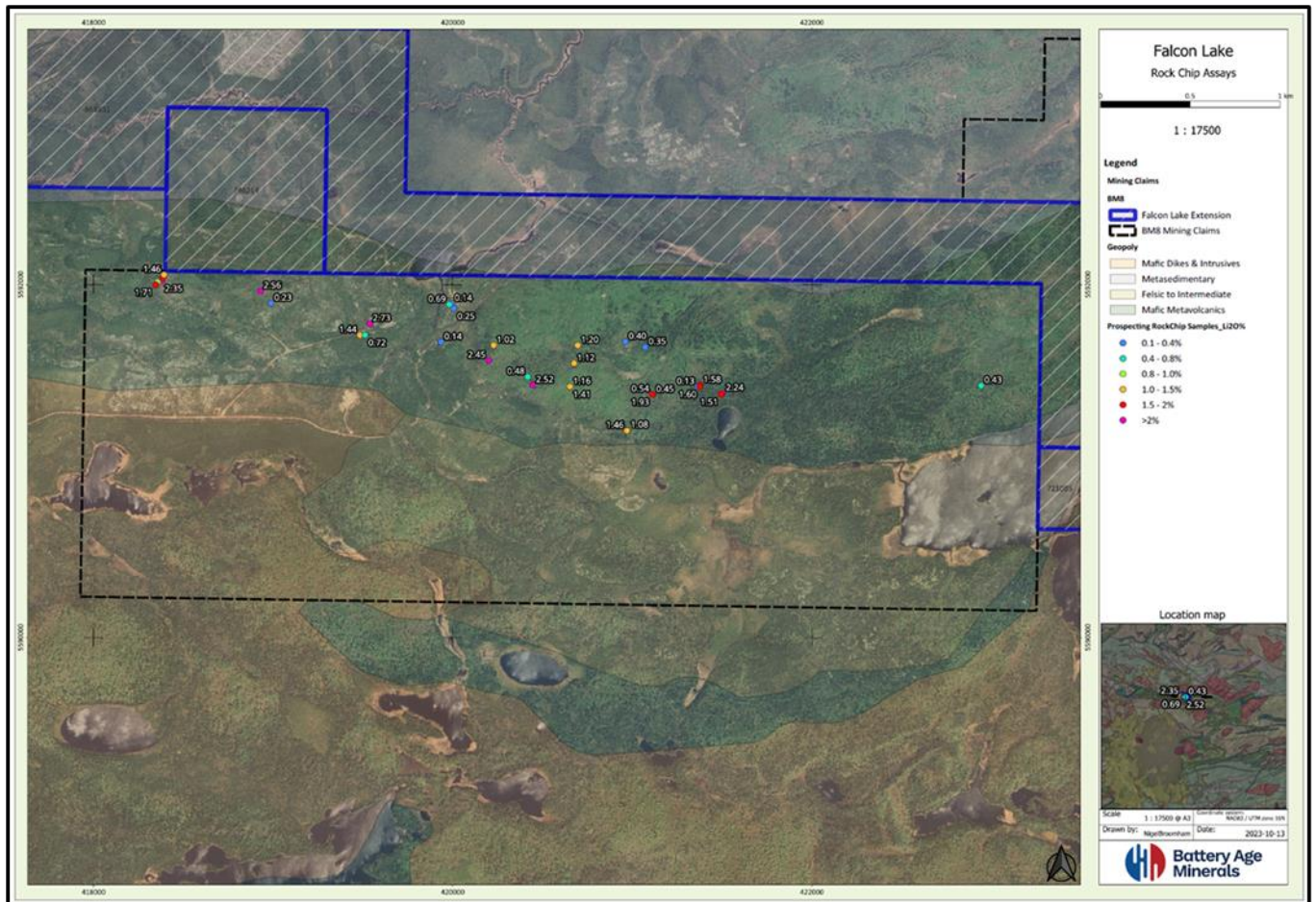


Figure 8 – Rock chip assay results plotted on Falcon Lake Map. (Assays >0.1% Li<sub>2</sub>O plotted)

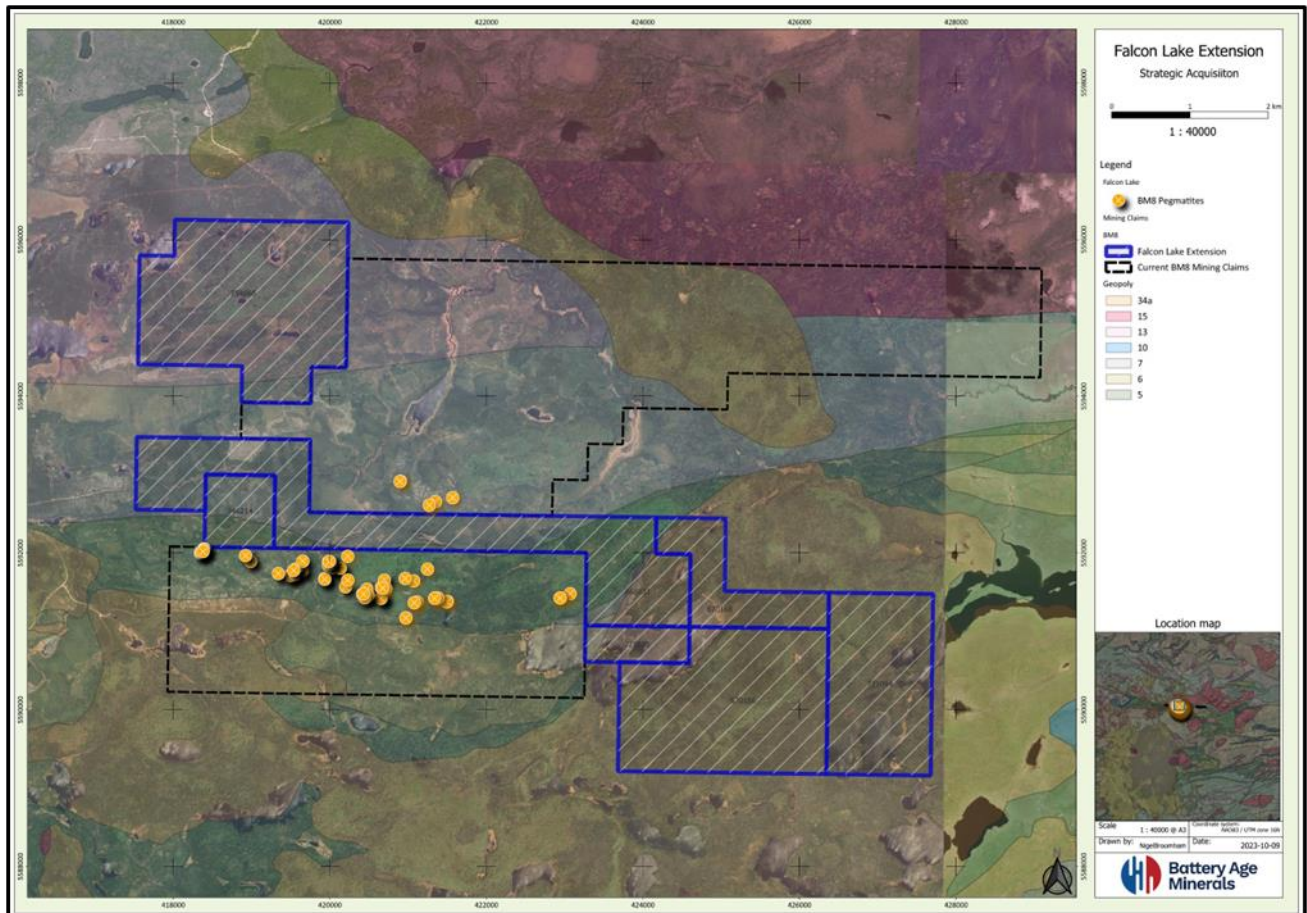
Baseline environmental monitoring activities were also commenced and will continue to be carried out over the winter months. This includes the identification and tracking of Flora and Fauna.

BM8 has also executed an option agreement (Agreement) with Ombabika Group Inc. to earn up to 100% of the highly prospective Falcon Extension property, which lies immediately adjacent to its existing Falcon Main (90%-owned) and Falcon North (100%-owned) properties.

The greenfield Falcon Extension property lies immediately between the Falcon Main and Falcon North properties and was strategically targeted for acquisition for several reasons:

- Parts of the property lie on the already proven and highly fertile Caribou O’Sullivan greenstone belt, where BM8 has returned outstanding drilling results including 31.75m @ 1.45% Li<sub>2</sub>O as part of its maiden drill campaign.
- BM8’s Summer Fieldwork Programme has identified multiple pegmatites in Falcon Main and Falcon North (~30) and the acquisition of this property ensures that these properties are co-joined and now contiguous as one major land package.
- The acquisition expands BM8’s landholding in the Falcon Main region by over 69% from 31km<sup>2</sup> to 51km<sup>2</sup>.





*Figure 9 – Falcon Extension acquisition shown in blue.*

The BM8 management team is now actively planning the follow-up drill campaign at Falcon Lake, which is due to commence late October. This drill campaign, which will be carried out over the winter months is estimated to consist of an additional ~10-15,000m of drilling, predominantly in greenfield sections of the property which have yet to be drilled.

### **Jesse Lake Lithium Project (Ontario, Canada) (100%)**

In June, BM8 pegged the Jesse Lake Project for nominal staking costs after completing an assessment of the area. The Jesse Lake Project comprises 54 single cell mining claims, covering an area of approximately 1,350 hectares, in Ontario, Canada. The project area is strategically situated south of the Forgan Lake lithium occurrence and is in close proximity to the Georgia Lake pegmatite field.

A short Summer Exploration Campaign has just been completed at the property.

### **Tidili Copper Project (Morocco)**

Following on from the encouraging assay results reported from surface samples collected at the 85%-owned Tidili Copper Project in Morocco in April, BM8 management are now actively planning the Company's maiden drill campaign at Tidili, which is likely to be completed later this calendar year.

Six samples demonstrated the presence of high-grade copper mineralisation of up to 2.11% Cu at surface. The copper mineralisation is associated with anomalous silver, lead and cadmium.



*Figure 10 – Consultant Dr Simon Dorling conducting field works at Tidili.*

Sample_ID	Easting	Northing	Ag (ppm)	Cd (ppm)	Cu (ppm)	Pb (ppm)	Au (ppm)
TDRC_001	626064	3445196	0.24	0.66	74.2	609	-
TDRC_002	626397	3445116	0.08	0.19	8.9	67	-
TDRC_003	626738	3445185	0.11	0.16	39.9	71.8	-
TDRC_004	626994	3445050	<0.05	0.22	33.5	45.5	-
TDRC_005	627148	3444934	0.11	0.08	86.3	26.9	-
TDRC_006	627563	3444531	0.11	0.18	15.9	54.2	-
TDRC_007	627662	3444477	0.1	0.14	38.5	24.7	-
TDRC_008	628025	3444401	0.26	0.22	41.5	51.1	-
TDRC_009	628369	3444325	0.07	0.16	26.7	33.7	-
TDRC_010	628530	3444329	<0.05	0.08	19.5	8.8	-
TDRC_011	628765	3444292	0.33	0.22	84	15	0.01
TDRC_012	628770	3444292	0.14	0.08	31.6	15.6	<0.01
TDRC_013	628775	3444292	0.75	0.09	128	9.9	0.01
TDRC_014	628780	3444292	0.12	0.06	138	7.8	<0.01
TDRC_015	629092	3444229	0.42	0.08	37.9	10.6	<0.01
TDRC_016	627232	3444029	2.77	0.44	21068	2602	0.42
TDRC_017	627717	3444349	0.74	0.17	28.3	187	<0.01
TDRC_018	628099	3444394	0.3	0.08	85.4	27.2	<0.01
TDRC_019	628560	3444839	0.51	0.23	17496	49.6	0.01

Sample_ID	Easting	Northing	Ag (ppm)	Cd (ppm)	Cu (ppm)	Pb (ppm)	Au (ppm)
TDRC_020	628560	3444839	0.73	0.09	2911	34.7	<0.01
TDRC_021	628633	3444795	4.64	0.82	2167	8685	0.07
TDRC_022	628686	3444751	0.07	0.19	98.4	67.2	<0.01
TDRC_023	628750	3444760	4.22	0.34	3133	188	-
TDRC_024	629396	3443940	3.84	0.1	59	17.7	<0.01
TDRC_025	630463	3443534	1.02	0.04	7.6	7.2	-
TDRC_026	630535	3443451	0.34	0.09	14	9.9	-
TDRC_027	630572	3443397	0.47	0.23	2053	19.1	-
TDRC_028	630569	3443383	0.11	0.06	147	7.2	-
TDRC_029	629605	3443546	0.44	0.93	155	53.3	-
TDRC_030	629677	3443518	0.14	0.19	67	15	-
TDRC_031	629974	3445496	1.16	0.17	817	11.9	-
TDRC_032	629974	3445496	0.28	0.14	879	25.5	-
TDRC_033	631462	3444601	<0.05	0.06	18.8	24.6	-
TDRC_034	629640	3442343	0.1	0.04	10.9	15.7	-
TDRC_035	629130	3441879	0.07	0.11	34.7	11.6	-
TDRC_036	627706	3442488	<0.05	0.05	11.6	10	-
TDRC_037	627706	3442488	0.07	0.11	11.9	29.1	-
TDRC_038	628187	3442231	0.23	0.13	30.7	22.4	-
TDRC_039	628317	3442120	0.15	0.16	16.5	17	-
TDRC_040	629331	3441849	0.99	0.1	52	11.4	-
TDRC_041	629565	3441521	0.06	0.06	20.6	21.1	-
TDRC_042	628025	3442315	0.32	0.11	15.4	18.2	-

*Table 3 – Tidili rock chip samples.*

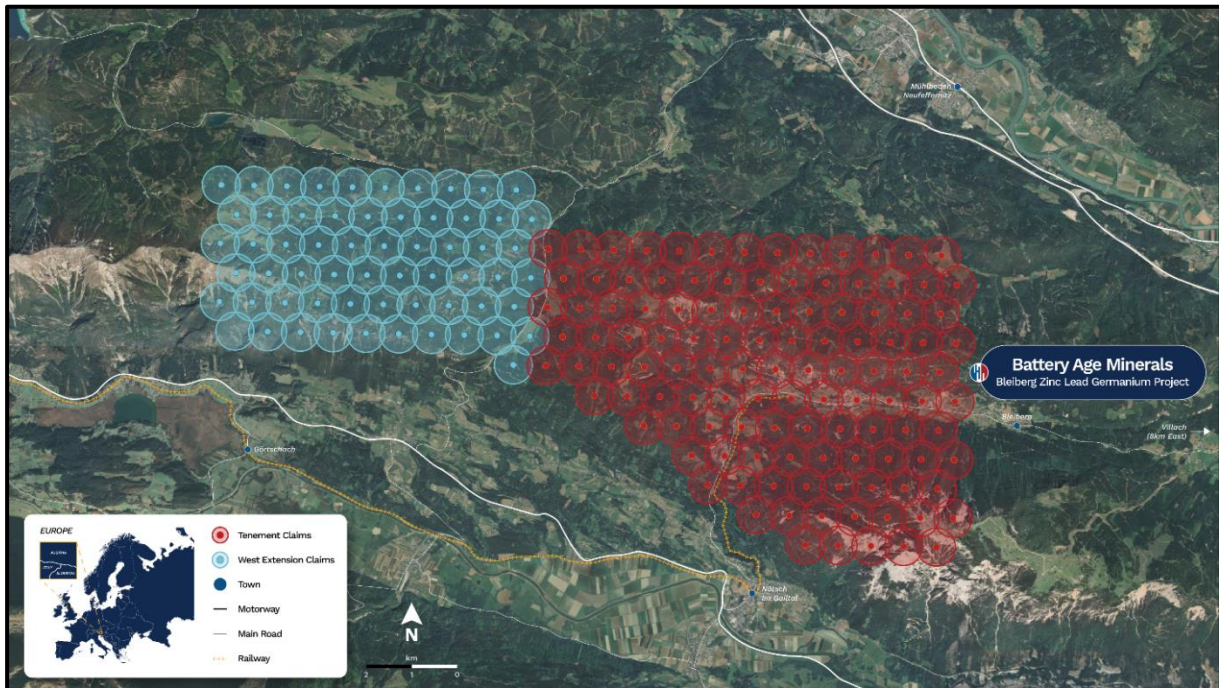
### **Bleiberg Zinc-Lead-Germanium Project (Austria)**

Following on from the restrictions announced by China with respect to the export of key critical minerals including Germanium and Gallium, BM8 management moved swiftly to consolidate the Company's position at the Bleiberg Project by pegging additional concessions to the west of their existing 15% earn-in claims.

Following early desktop assessments, the Company identified a trend hosting potential extensions of the mineralisation to the west north-west of the old Bleiberg mine workings.

Considering this, BM8 moved swiftly to secure this expanded land position by pegging the additional exploration licences. This land is now 100%-owned.





*Figure 11 – 100% staked claims identified in blue and existing earn-in claims shown in red.*

BM8 continues to hold discussions with regulatory bodies both in Austria and Australia regarding working together collaboratively to further progress the Bleiberg Project.

Considering the criticality of Germanium and Gallium to the European Union, where these elements have been recognised on the critical minerals list, BM8 applied and was accepted as a member of the European Raw Materials Alliance. This strategic membership facilitates collaboration with European end-users seeking reliable, secure, and sustainable access to Germanium & Gallium.

BM8 holds claims adjacent to the historical Bleiberg mine, which has some of the world's highest Germanium grades (200g/t) as well as proven Gallium mineralisation (90-110g/t).

BM8 looks forward to progressing all of its critical mineral's projects and will keep the market informed of any developments moving forward.

*Release authorised by the Board of Directors of Battery Age Minerals Ltd.*

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## **Compliance Statement**

This report contains information on the Falcon Lake and Jessie Lake Projects extracted from an ASX market announcement dated 8 December 2022, 2 February 2023, 13 June 2023, 26 July 2023, 2 August 2023, 16 August 2023, 6 September 2023, 14 September 2023, 5 October 2023, 10 October 2023 and 16 October 2023 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](http://www.batteryage.au) and [www.asx.com.au](http://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.

This report contains information on the Tidili Project extracted from an ASX market announcement dated 8 December 2022, 2 February 2023, 11 April 2023 and 24 July 2023 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](http://www.batteryage.au) and [www.asx.com.au](http://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.

This report contains information on the Bleiberg Project extracted from an ASX market announcement dated 8 December 2022, 2 February 2023, 13 July 2023 and 21 August 2023 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](http://www.batteryage.au) and [www.asx.com.au](http://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.

## **Forward-Looking Statement**

This announcement may contain certain forward-looking statements and projections. Such forward looking statements/projections are estimates for discussion purposes only and should not be relied upon. Forward looking statements/projections are inherently uncertain and may therefore differ materially from results ultimately achieved. Battery Age Minerals Limited does not make any representations and provides no warranties concerning the accuracy of the projections and disclaims any obligation to update or revise any forward-looking statements/projects based on new information, future events or otherwise except to the extent required by applicable laws. While the information contained in this report has been prepared in good faith, neither Battery Age Minerals Limited or any of its directors, officers, agents, employees or advisors give any representation or warranty, express or implied, as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this announcement.