

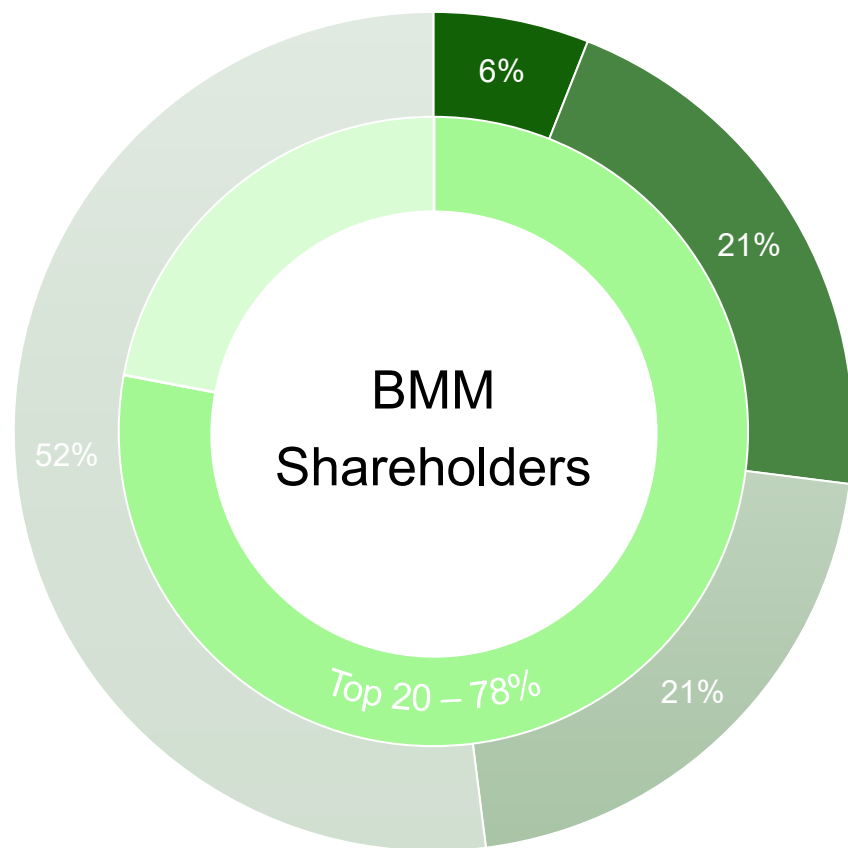
Balkan
Mining and Minerals Limited

Building a Canadian Lithium Supply for North America

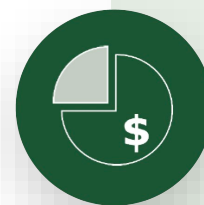
Corporate Presentation
August 2023

ASX: BMM

Corporate Overview



■ Corporate ■ Sandfire Resources ■ EV Resources ■ Other Public



Shares on Issue

61,072,014



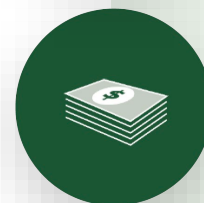
Share Price

AUD 0.22 (14 Aug 2023)



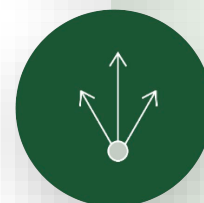
Market Cap

AUD 13.4M (14 Aug 2023)



Cash

AUD 2,121,000¹



Options²

6,000,000

Performance Rights²

10,900,000

1. As at last quarterly dated 30/06/2023

2. Subject to performance milestones, refer to 2022 Annual Report for further details.

Leadership Team

Proven track record



Ross Cotton- Managing Director



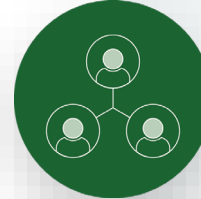
Karl Simich – Non-Executive Director



Luke Martino – Non-Executive Director



Sean Murray - Chairman



Combined Experience

90+ years



Capital Raised

\$2+ Billion USD



Mines Developed

13



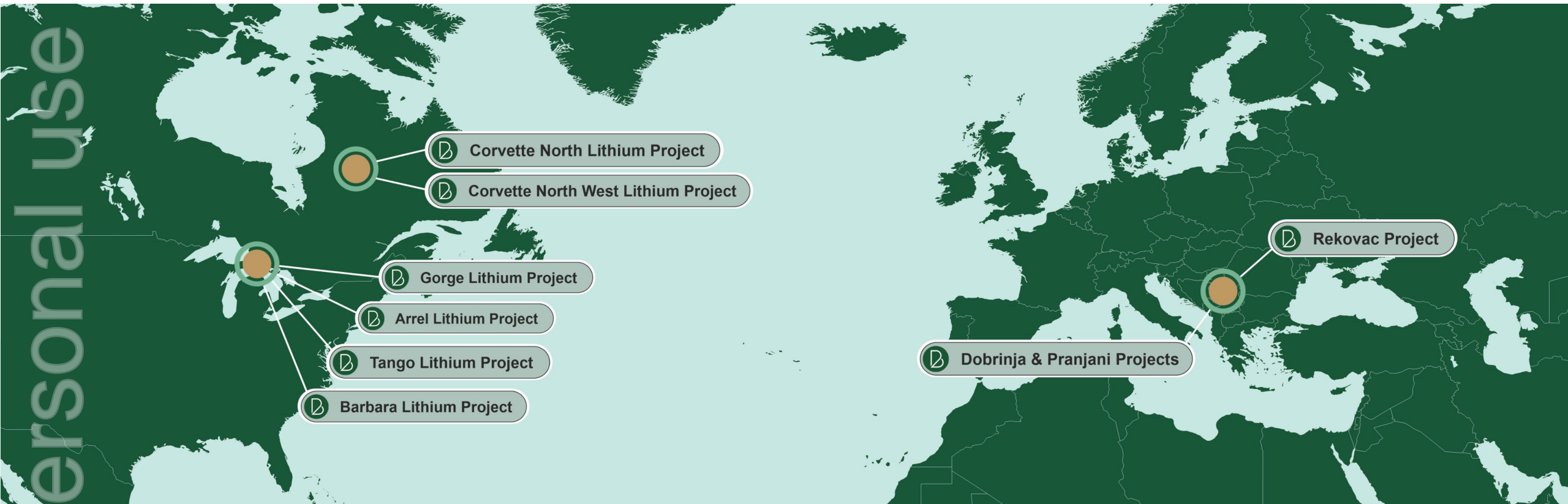
Employees Overseen

2000+

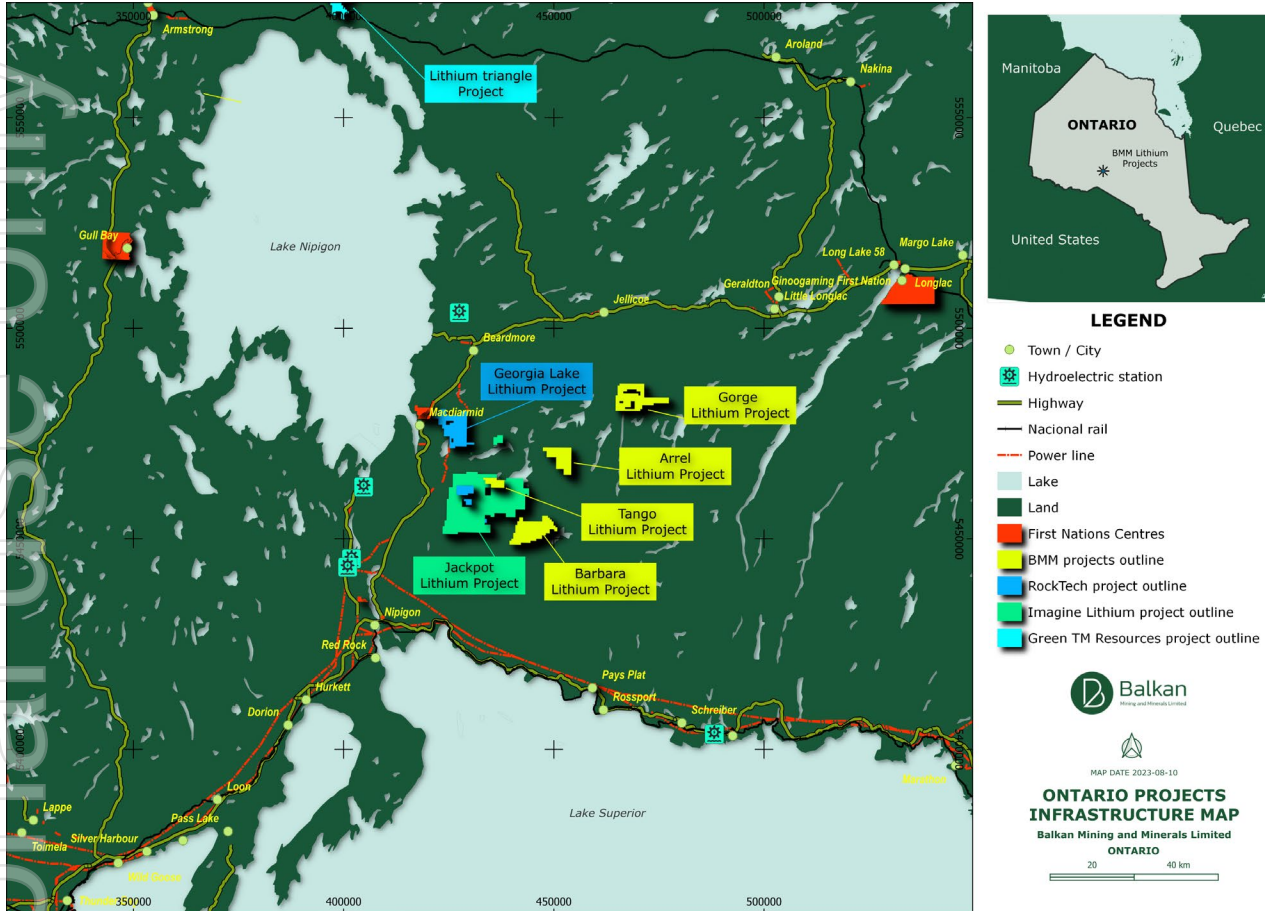
Project Portfolio

With projects in Canada and Serbia, Balkan Mining is poised to meet the global lithium demand in two of the world's largest markets.

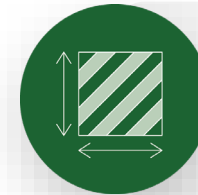
Balkan Mining is focused on the exploration of highly prospective lithium projects across Canada and Serbia. The advancement of these projects to support the electric vehicle revolution by building a global supply of lithium for the North American & European markets.



Canadian Lithium Opportunity



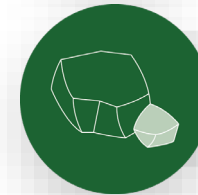
Significant lithium portfolio covering ~140km² with projects located in highly prospective regions of Ontario & Quebec.



Interests in ~120km² in Northwestern Ontario and ~22km² in Quebec

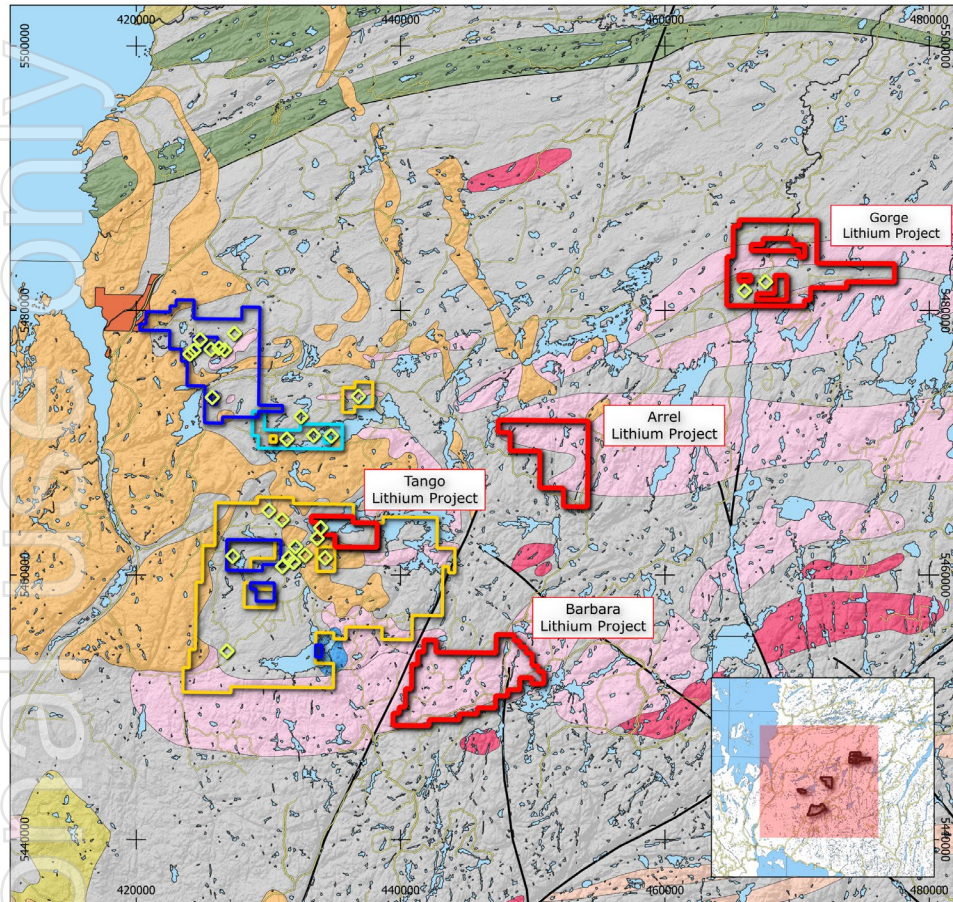


Lithium first discovered by the Ontario Lithium Company in 1956



Gorge Project is fully permitted and drill ready

Ontario Lithium Portfolio



LEGEND

- Roads
 - Lakes
 - First Nations
 - Spodumene-bearing pegmatites
 - BMM projects outline
 - Imagine Lithium project outline
 - RockTech project outline
 - 1357731 B.C. LTD. project outline
- Geology**
- Mafic Intrusive
 - Mafic dikes
 - Conglomerate, sandstone, shale
 - Granodiorite
 - Muscovite-bearing granitic rocks
 - Gneissic tonalite suite
 - Mafic and ultramafic rocks
 - Metasedimentary rocks
 - Felsic to intermed. metavolcanics
 - Mafic to intermed. metavolcanics



MAP DATE 2023-08-10
REGIONAL BEDROCK GEOLOGY
GORGE, ARREL, TANGO AND BARBARA
LITHIUM PROJECTS
PROJECT GEOLOGY
Balkan Mining and Minerals Limited
ONTARIO



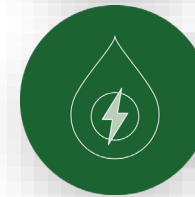
In total, Balkan Mining has interests in ~120km² in Ontario, a Tier 1 jurisdiction, proximity to infrastructure. Portfolio is largely underexplored, supported by recent work programs.



Ontario projects in 40km proximity

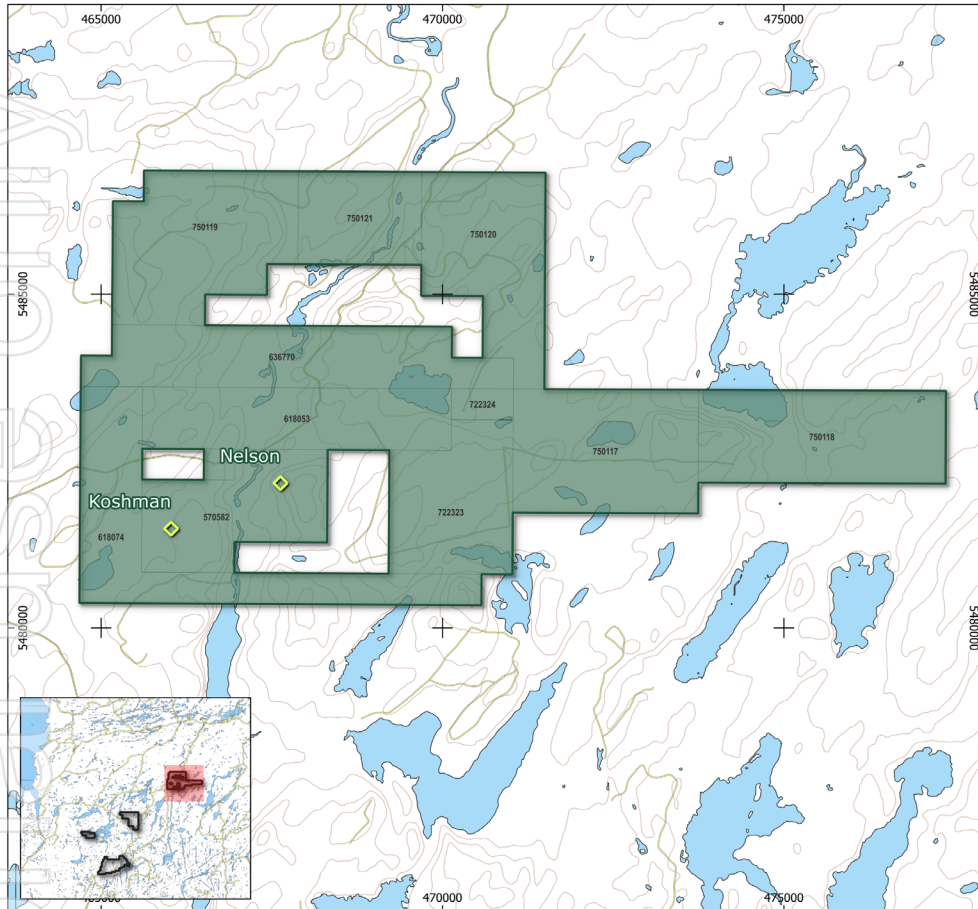


Region is well located to infrastructure



Thunder Bay is an established mining district

Gorge Project



Gorge Project Location Map



LEGEND

- Contours
- Roads
- Lakes
- ◆ Spodumene-bearing pegmatites
- BMM project outline
- Claim cells - 750120



MAP DATE 2023-08-10
**GORGE LITHIUM PROJECT
TOPOGRAPHIC MAP**
Balkan Mining and Minerals Limited
ONTARIO

Final drill planning and mobilisation activities underway. Being designed to systematically test outcropping targets at Koshman & Nelson. Drilling to be stepped out to test the presence of spodumene pegmatites at the depth across 2.6km of identified prospective trend strike identified from the Company's recent soil sampling program.¹



Farm-in secured in July 2022, with additional claims added in November 2022



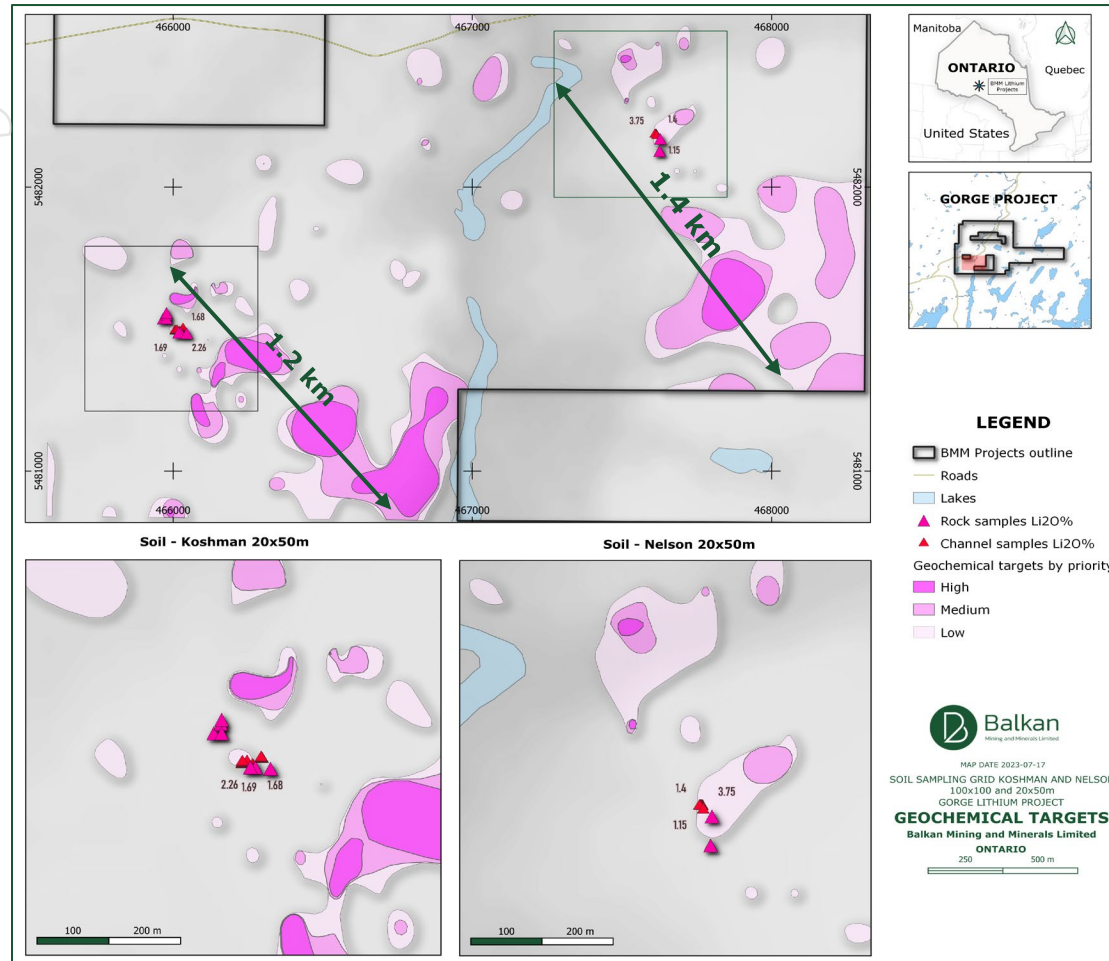
Channel sampling returned 1.8m at 3.75% Li_2O and 6.8% from rock chip samples²



Permitted and drill ready

1. Refer ASX announcement 19 July 2023. 2. Refer ASX announcements dated 28 September 2022 & 16 December 2022

Gorge Project



Map showing target prioritisation

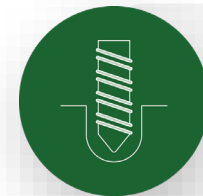
Strong Soil Assay Results defined targets at Gorge Lithium Project.



Identified ~2.6 km of trend strike prospective for lithium bearing pegmatites¹



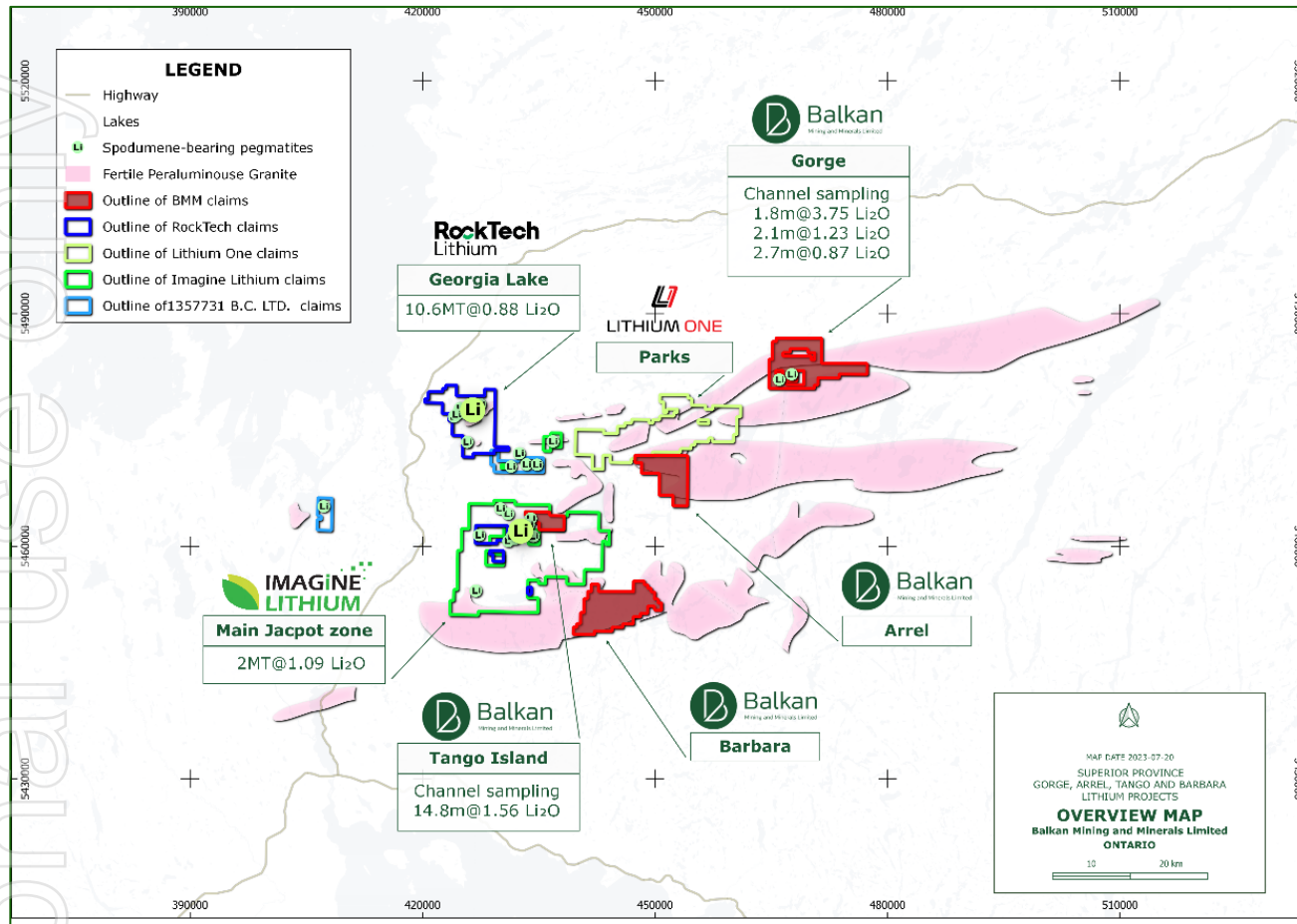
A total of 651 samples were collected covering an area of 5 km²



Drilling contractor appointed, final planning and mobilisation underway

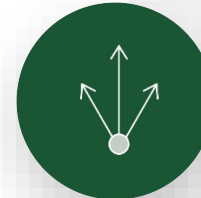
¹. Refer ASX announcement 19 July 2023

Ontario Lithium Projects



BMM's Ontario Projects Location Map

The wider project area is home to Rock Tech Lithium Inc's Georgia Lake project (TSX-V: RCK), Separation Rapids Lithium (TSX: AVL) and Seymour Lake Lithium Project (ASX: GT1). The portfolio comprises four exploration projects covering together over 120 km² of prospective ground.



The Arrel Project, covers 27.1 km² or 2.71 kha between the Gorge and Tango projects. It is along the same trend as Gorge and Tango.

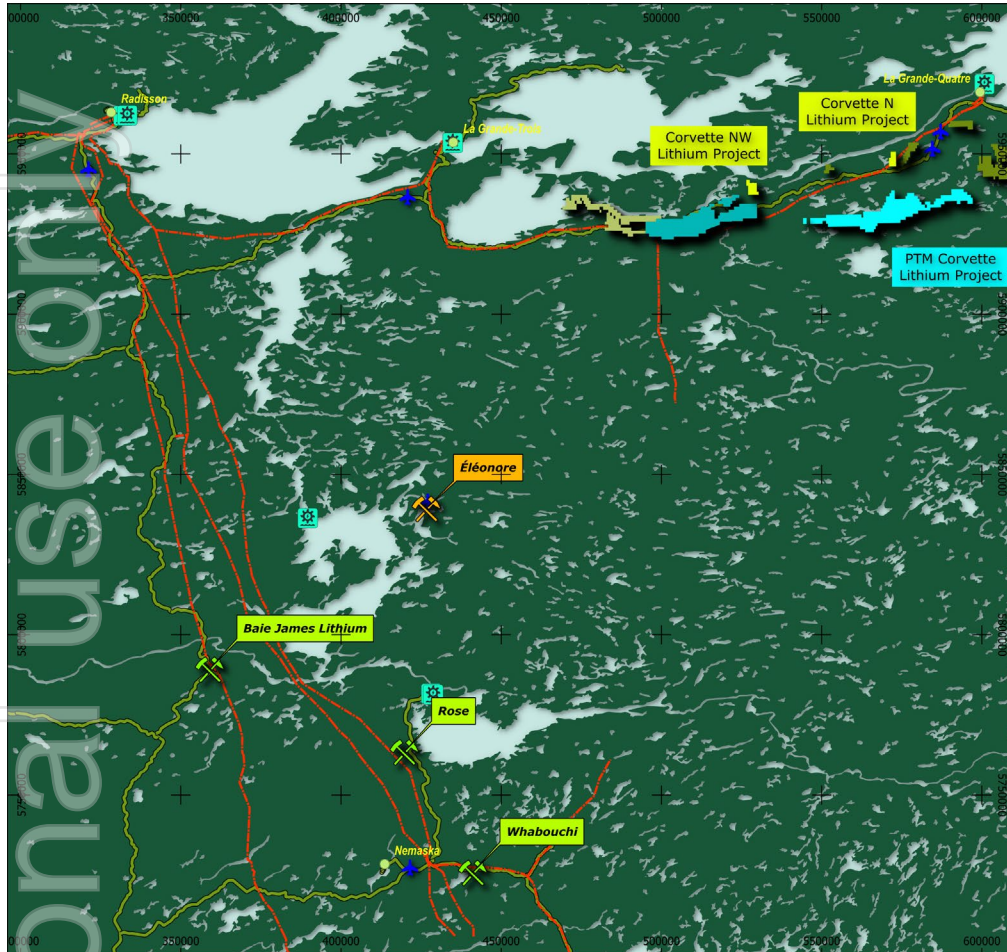


The Tango Project was Balkan's second project (under option) in Canada. It covers 8.64 km² or 864 ha to the southwest of the Arrel project.

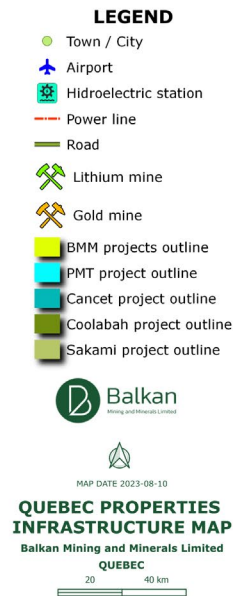
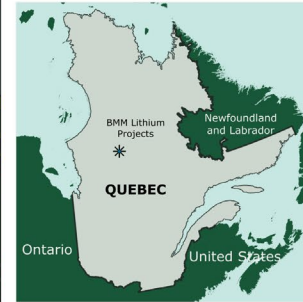


The Barbara Project is located in the central portion of the Barbara Lake Area and encompasses the southwestern part of Georgia Lake covering a further ~42km²

Corvette N/NW Projects



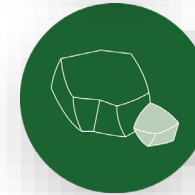
Corvette North & Northwest Projects Location Map



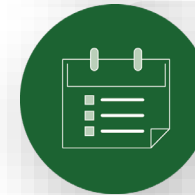
Projects are located in northern Quebec within the central parts of the La Grande Greenstone Belt in the James Bay Region of Quebec



Projects represents an entry to Quebec

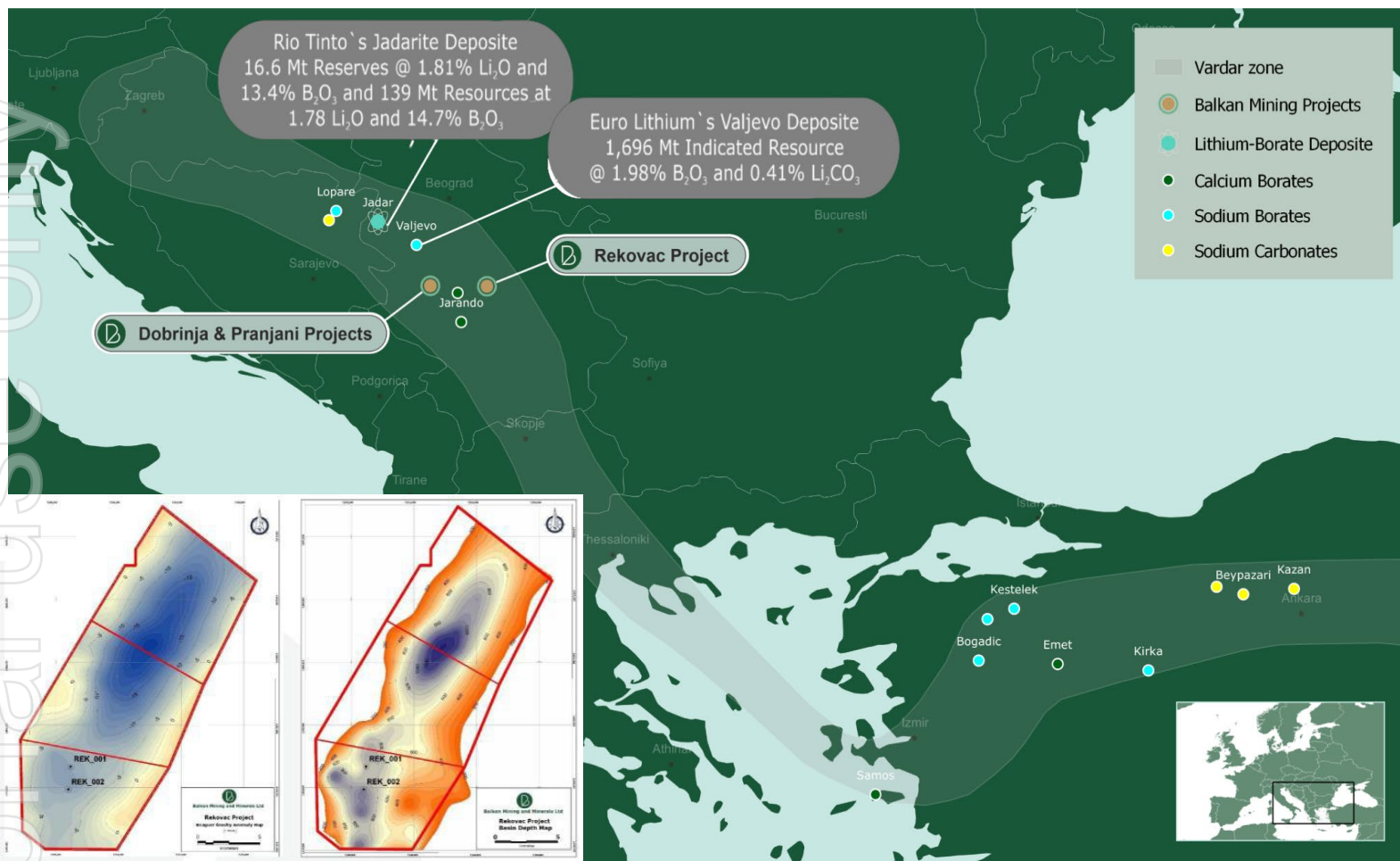


Proximal to notable existing lithium deposits



Plan underway for surface exploration program

Serbian Asset Portfolio



Rekovac project terrain corrected Complete Bouguer gravity image contoured at 1m Gal (left) and computed basin depth image contoured at 50m (right).

Rekovac project exhibits a very similar geological setting to a number of lithium-boron deposits along the Vardar zone.



Rekovac project land area comprises of 273km²



First drilled in 2020, included 2 diamond holes (1,238m)



Target remains open along strike as well at depth

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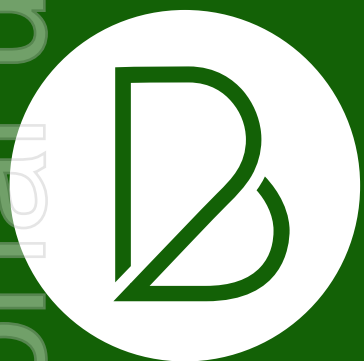
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- Prospectus; 25 May 2021
- Balkan Secures Canadian Lithium Project; 4 July 2022
- Exceptional Rock Samples up to 6.8% Li₂O at Gorge Project; 28 September 2022
- 2022 Annual Report; 29 September 2022
- Balkan secures Tango Lithium Project in Ontario; 31 October 2021
- Tango Lithium Project Update; 8 November 2022
- Increase in Ground at The Gorge Lithium Project In Canada; 14 November 2022
- Gorge Lithium Project Update; 22 November 2022
- Canadian Lithium portfolio strengthened; 9 December 2022
- 1.8M@ 3.75% Li₂O Assays from Gorge Lithium Project; 16 December 2022
- Corvette North and Northwest staked in James Bay Region Quebec; 19 December 2022
- Tango Magnetic Survey Completed & BMM Dual Lists on FSE; 22 December 2022
- Barbara Lithium Acquisition Expanding Ontario Land Footprint; 9 March 2023
- Tango Channel Program Returns up to 3.4% Li₂O Grades; 25 May 2023
- Soil Sampling Identifies Targets at Gorge Lithium Project; 6 July 2023
- Soil Li Assay Results Further Define Targets at Gorge; 19 July 2023



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