

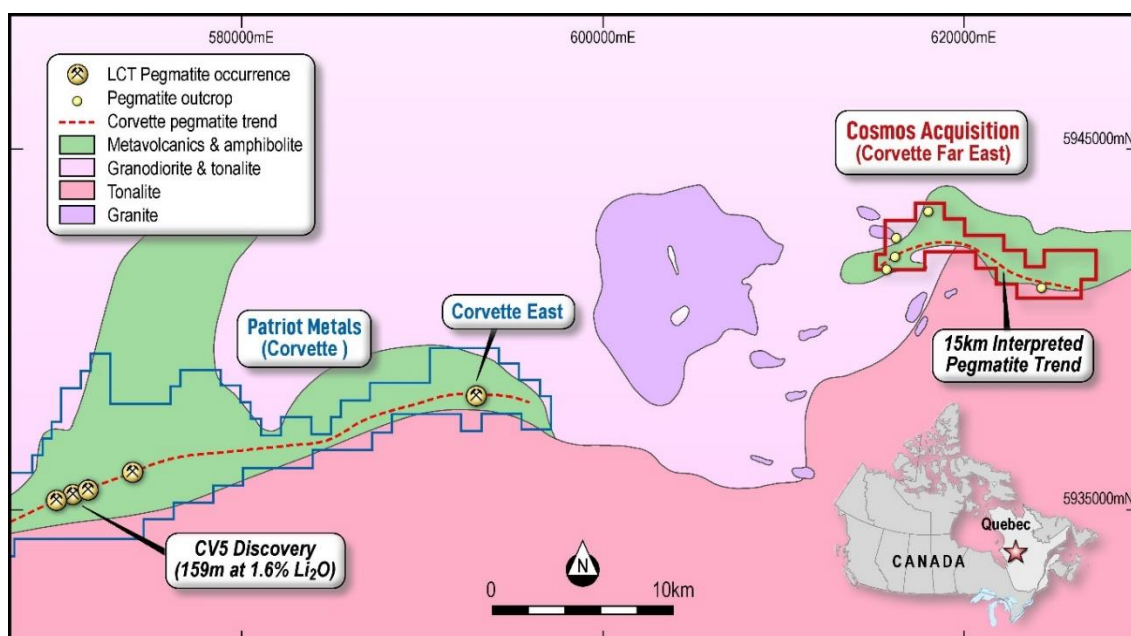
## Maiden Exploration Program Commences at Corvette Far East Lithium Project – James Bay, Quebec

**Helicopter-borne magnetic survey to begin shortly in parallel with remote data acquisition and analysis ahead of the first field program, planned for late May.**

### Key points:

- Initial exploration budget approved, and exploration programs initiated at the Corvette Far East Lithium Project, located along strike from the recent CV5 lithium discovery by Patriot Battery Metals Inc. (ASX: PMT).
- Mobilisation underway for a helicopter-assisted detailed Airborne Magnetic Survey designed to assist in mapping pegmatites across the Project.
- Detailed satellite data acquisition and analysis, focusing on the identification of lithium-bearing pegmatites, also set to commence in the coming weeks.
- First helicopter-assisted field program planned for late May, which will include the Company's maiden rock sampling program at the Project.
- Approved work programs designed to identify lithium-bearing pegmatites on the ground ahead of planned drill testing in the second half of 2023.

Cosmos Exploration Limited (ASX: C1X) ("Cosmos" or "the Company") is pleased to advise that it has commenced its maiden exploration programs at the highly prospective **Corvette Far East Lithium Project** ("the Project"), located in the prolific James Bay district in Quebec, Canada.



**Figure 1:** Simplified bedrock geology map of the James Bay district showing the location of the Corvette Far East Project acquisition by Cosmos in relation to the Patriot Battery Metals CV5 discovery.

**Cosmos Executive Chairman, Jeremy Robinson, said:** "We are very excited to hit the ground running with a series of exploration activities initiated at the recently acquired Corvette Far East Lithium Project.

*"This marks the beginning of a systematic ramp-up in exploration activity in Canada, and we are looking forward to refining our search space using remote sensing techniques before getting on the ground in May for the first time via a helicopter-assisted sampling program. This will help us to finalise drill target locations for later in the year.*

*"It's great to be exploring in the heart of one of the world's most exciting and fastest growing lithium provinces, and we are looking forward to delivering results as quickly as possible for our shareholders."*

The Corvette Far East Project is located directly along trend from the exciting recent lithium discoveries made by Patriot Battery Metals Inc (ASX: PMT) at its Corvette Project. The Project is located just 20km east of the Corvette Project within the same greenstone belt, where historic large-scale mapped pegmatites remain unexplored, and is prospective for lithium over 15km of strike (see Figure 1).

Geologically, the greenstone within the Corvette Far East Project is interpreted to be a 'dismembered' section of the exact same greenstone belt that hosts Patriot Battery Metals' CV5 discovery where recent world class drill intercepts of up to **131.2m at 2.0% Li<sub>2</sub>O** including **15.0m at 5.1% Li<sub>2</sub>O** have been announced (see Patriot Battery Metals Limited's announcement dated 29/01/23).

The Company has now approved work programs for the Q1 and Q2 of 2023 for Corvette Far East. These programs comprise:

1. A Helicopter-assisted Airborne Magnetic Survey which is currently mobilising to the area. The detailed survey is designed to assist in mapping pegmatites across the Project. The survey, which is being conducted by Axiom Geophysics & Remote Sensing Group, will initially comprise 100m-spaced flight lines. Preliminary images are expected in about one month with a detailed suite of images and other geophysics support to be produced and provided by Resource Potentials Geophysics Consultants.
2. A detailed Hyperspectral Analysis Program is also being conducted by Axiom Geophysics & Remote Sensing Group, comprising the acquisition, processing and analysis of Synthetic Aperture Radar (SAR) and Sentinel & Aster Multispectral datasets that are designed specifically to target the geological characteristics of lithium-caesium-tantalum-bearing pegmatites.
3. Detailed Aerial Orthoimage Photography (30cm resolution Pleiades Neo 6 -Band) is currently being compiled, processed and purchased which will also assist in the identification of pegmatite outcrops across the Project.
4. Logistics and planning for the Company's maiden Helicopter-Assisted Rock Sampling Program is currently being advanced. This comprises all the required provincial permitting, accommodation and personnel contracts required for a successful program that adheres to all the local EHS requirements. This program is scheduled to commence in the 3<sup>rd</sup> week of May, which will give the Company time to acquire and compile all of the above critical datasets and conduct a detailed targeting ranking matrix for targeted sampling.

This work program aims to utilise all the current best technological advances in remote sensing and geophysics techniques that are specifically designed to fast-track the discovery of lithium pegmatite outcrops on the ground. These sampling programs have been used successfully by Patriot Battery Metals Inc and other explorers in the district and will be the key to finding high-priority targets that are planned to be drill tested in the second half of 2023.

The Company notes that some standard condition precedents for completing the Corvette Far East Lithium Project acquisition are still outstanding, however the Company envisages these condition precedents to be completed in the near future.

**This announcement has been authorised by the Board of Cosmos Exploration Limited.**

**For further information please contact:**

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## **About Cosmos Exploration**

**Cosmos Exploration Limited (ASX: C1X)** is an ASX listed International critical minerals company focussed on making world class discoveries at its highly prospective projects including; Corvette Far East Lithium Project in the James Bay region of Quebec, the Byro East Nickel-Copper-PGE Project located in Western Australia and Orange the East Gold Project located in New South Wales.

Corvette Far East is located along strike from the world class Corvette lithium project owned by Patriot Metals with historically mentioned lithium bearing pegmatites. It is considered highly prospective for giant lithium pegmatite discoveries.

Byro East was identified by RareX prior to the Julimar Discovery and has potential for mafic-ultramafic intrusion related nickel-copper and PGE mineralisation.

Orange East is an advanced exploration project located on the boundary between the Molong Arc and Hill End Trough within the Lachlan Fold Belt, a major mineral province, within a similar geological setting and along strike from the multi-million-ounce McPhillamys Gold Mine.

## **Competent Person Statement**

This report's information related to Exploration Results is based on information and data compiled or reviewed by Mr Leo Horn. Mr Horn is a vendor of the Corvette Far East Project and a proposed incoming Non-Executive Director of the Company. Mr Horn is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM).

Mr Horn has sufficient experience relevant to the style of mineralisation under consideration and to the activities undertaken 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. Accordingly, Mr Horn consents to the inclusion of the matters based on the information compiled by him, in the form and context it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant ASX releases. The form and context of the announcement have not materially changed. This announcement has been authorised for release by the Board of Cosmos Exploration Ltd.