

## ASX ANNOUNCEMENT

27 June 2023

### APPROVAL TO COMMENCE MAIDEN DRILLING PROGRAM AT WICKENBURG, ARIZONA

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- Approval has been received from the Bureau of Land Management (**BLM**) for Patriot's maiden Phase 1 drilling program at its Wickenburg project.
  - The drilling campaign will test the outcropping Dove West spodumene pegmatite at the historic Dove pegmatite mine and is expected to provide a better understanding of the lithium mineralisation in the shallow subsurface.
  - Patriot plans to drill up to 14 diamond core holes for a total downhole length of up to 1015m.
  - Patriot is in final discussions with drilling contractors and expects to commence drilling shortly.
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Patriot Lithium Limited ("**Patriot**", "**PAT**" or the "**Company**") is pleased to provide an update on BLM approvals required for its maiden drilling program at its Wickenburg Project in Arizona.

#### **Patriot CEO and MD Mr Nicholas Vickery commented:**

*"We are extremely encouraged by the excellent rock chip and soil sampling results from our Wickenburg project (as previously announced) and look forward to commencing our maiden drilling program to better ascertain the mineralisation and extent of some of the more significant Dove West pegmatite outcrops."*

#### **Approvals**

The BLM has notified New Energy Metals (US) Inc (**NEM**), a wholly owned subsidiary of Patriot, that it has reviewed and approved its notice to conduct exploration operations on the "Mica 95" (AZ105750394) unpatented lode mining claim at PAT's Wickenburg project in Arizona. This approval from the BLM allows Patriot to undertake its initial Phase 1 drilling activities at its Wickenburg project as specified below.

#### **Phase 1 Drilling Activities**

As detailed in previous announcements dated 7 February 2023 and 2 March 2023, three pegmatites have now been mapped at Patriot's Wickenburg project that exhibit potential for spodumene mineralisation and can be traced along strike for up to ~440m (Figures 1 and 2).

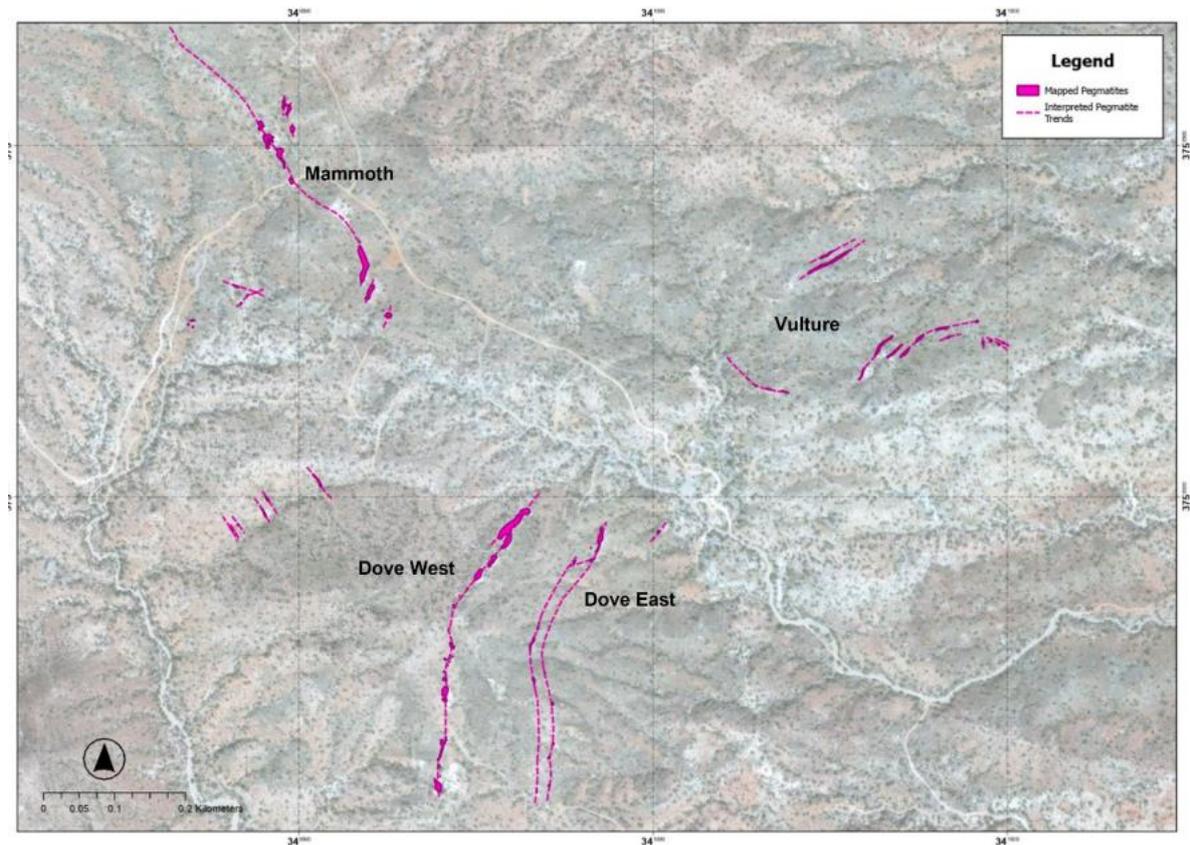


Figure 1: Dove, Mammoth and Vulture pegmatite targets at the Wickenburg Project, Arizona, USA.

Further, Patriot has now received significant soil and rock chip sampling results from its Wickenburg project, as detailed in its announcement dated 7 June 2023, with the most significant results coming from the Dove West pegmatite trend, which is the best exposed of the known pegmatite trends.

The proposed maiden drilling program at PAT's Wickenburg project will consist of up to 14 diamond core holes for a total of up to approximately 1015 metres. These holes are designed to test the Dove West pegmatite in and around the historic 'Main Pit' and 'Lower Cut' workings (Figure 2). The purpose of this drilling will be to obtain a better understanding of the spodumene mineralisation within as well as get a better indication of the depth extent, thickness and orientation of the Dove West pegmatite.

The drilling program will be undertaken in two phases, with an initial Phase 1 program consisting of 7 holes for a total of up to 420 metres. If required by Patriot following its analysis of the initial visual results from Phase 1, a further 7 holes for up to approximately 595m will be drilled immediately thereafter (for a combined total of up to approximately 1015m).



Figure 2: Planned Phase 1 drill collars and hole traces targeting shallow subsurface extensions to the Dove West spodumene pegmatite exposed in the Main Pit and Lower Cut and along the South Extension of the historic Dove pegmatite mine.

PAT is now in final discussions with drilling contractors and expects drilling to commence in the coming weeks.

This maiden drilling program, together with PAT's ongoing mapping, surface geochemistry and geophysical surveys being undertaken in the area, aims to increase PAT's understanding of Dove and surrounding pegmatite systems as well as their grade and tonnage potential.

Subject to the results of the current program, Patriot intends to undertake a more comprehensive drilling program in the latter part of 2023 to cover the northern section of the Dove West pegmatite, emerging target areas within the broader Dove, Mammoth and Vulture pegmatite trends as well as new target areas identified from these activities.

This announcement is authorised for ASX release by Nicholas Vickery, Managing Director of the Company.

**ENDS**

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#### **ABOUT PATRIOT LITHIUM LIMITED**

Patriot Lithium Limited is primarily focused on the exploration of high-grade, hard rock lithium projects located in the prolific Black Hills lithium district of South Dakota and Wyoming and the Pegmatite Belt of Arizona, United States of America, as well as highly prospective Archean Greenstone Belts in northwest Ontario, Canada. The Company intends to build the size and scale of these properties by staking additional lithium prospective ground and through pragmatic assessment of potential acquisition opportunities. Patriot is working with US-based exploration, generative and land management teams to progress exploration and project development.

### **Competent Person's Statement**

The information in this announcement that relates to Exploration Results is based on information compiled and conclusions derived by Mr David Johnson and Dr Oliver Kreuzer.

Mr Johnson is a Member (#4358) of the Australian Institute of Geoscientists (AIG). Mr Johnson is an employee of Patriot Lithium Limited and holds securities in the Company. Mr Johnson has sufficient experience which is relevant to the style of mineralisation and types of deposit under consideration and to the activity being 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. Mr Johnson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Dr Kreuzer is a Member (#2762) and Registered Professional Geologist (RPGeo #10073) of the Australian Institute of Geoscientists (AIG) and a Member (#208656) of the Australasian Institute of Mining and Metallurgy (AusIMM). Dr Kreuzer is an employee of Patriot Lithium Limited and holds securities in the Company. Dr Kreuzer has sufficient experience which is relevant to the style of mineralisation and types of deposit under consideration and to the activity being 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. Dr Kreuzer consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

### **Forward Looking Statements**

Some statements in this announcement regarding estimates or future events are forward-looking statements. Forward-looking statements include, but are not limited to, statements preceded by words such as "planned", "expected", "projected", "estimated", "may", "scheduled", "intends", "anticipates", "believes", "potential", "could", "nominal", "conceptual" and similar expressions. Forward-looking statements, opinions and estimates included in this announcement are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Statements regarding plans with respect to the Company's mineral properties may also contain forward looking statements.

Forward-looking statements are provided as a general guide only and should not be relied on as a guarantee of future performance. Forward-looking statements may be affected by a range of variables that could cause actual results to differ from estimated results expressed or implied by such forward-looking statements. These risks and uncertainties include but are not limited to liabilities inherent in exploration and development activities, geological, mining, processing and technical problems, the inability to obtain exploration and mine licenses, permits and other regulatory approvals required in connection with operations, competition for among other things, capital, undeveloped lands and skilled personnel; incorrect assessments of prospectivity and the value of acquisitions; the inability to identify further mineralisation at the Company's tenements, changes in commodity prices and exchange rates; currency and interest rate fluctuations; various events which could disrupt exploration and development activities, operations and/or the transportation of mineral products, including labour stoppages and severe weather conditions; the demand for and availability of transportation services; the ability to secure adequate financing and management's ability to anticipate and manage the foregoing factors and risks and various other risks. There can be no assurance that forward-looking statements will prove to be correct.