

Maiden Drilling Programs Commence at Pilbara Lithium Projects

Highlights

- Kalamazoo has commenced a ~5,000m maiden reverse circulation (“RC”) drilling program across its Pilbara Lithium Projects comprising:
 - An initial ~4,000m RC drilling program at the **Marble Bar Lithium Project** targeting several outcropping lithium-mineralised pegmatite dykes recorded across four high priority prospects
 - ~1,000m RC program at the nearby **DOM’s Hill Lithium Project** targeting three prospects defined by significant soil geochemistry anomalies and favourable structures
- These lithium projects comprise Kalamazoo’s recently announced exploration Joint Venture (“**Joint Venture**”) with Chilean lithium producer Sociedad Química y Minera de Chile S.A. (“**SQM**”) (NYSE: SQM)
- Field reconnaissance and geological mapping of identified soil geochemistry anomalies across the project areas continues

Kalamazoo Resources Limited (**ASX: KZR**) (“**Kalamazoo**” or “**the Company**”) is pleased to advise that a ~5,000m maiden RC drilling program has now commenced at its Marble Bar and DOM’s Hill Lithium Projects, located in the Pilbara region of WA (see Figures 1 and 2).

Kalamazoo has completed all requisite Government permitting and cultural heritage surveys to drill several high priority targets across both projects based upon interpreted soil and rock chip sample geochemistry and field reconnaissance/mapping campaigns.

The maiden RC drilling program will commence with ~4,000m being drilled at the Marble Bar Lithium Project (E45/4700 and E45/5970). The Marble Bar Lithium Project (~76.6km²) is considered highly prospective for lithium-caesium-tantalum (“**LCT**”) mineralisation due to its favourable proximity to the Moolyella Monzogranite (inferred LCT-pegmatite source), its location along the margin of the Moolyella tin and tantalum alluvial field plus numerous local occurrences of mapped lithium-enriched pegmatites.

Furthermore, the Archer Lithium Deposit owned by Global Lithium Resources Limited (ASX: GL1) is located approximately 25km to the north, also on the margin of the Moolyella tin and tantalum field, with a reported maiden Inferred Resource of 10.5Mt @ 1.0% Li₂O (Figure 2).

The drilling program at Marble Bar follows on from Kalamazoo's recently completed field mapping and surface sampling activities. These programs have identified numerous outcrops of pegmatite dykes, some of which contain visible amounts of lepidolite (lithium mica) with a best rock chip sample assay of **1.6% Li₂O and 372 ppm tantalum**¹. The drilling program at Marble Bar is targeting several of these outcropping lithium-mineralised pegmatite dykes recorded across four high priority prospects.



Figure 1: Drilling at the Marble Bar Lithium Project, July 2022

¹ ASX: KZR 11 May 2022

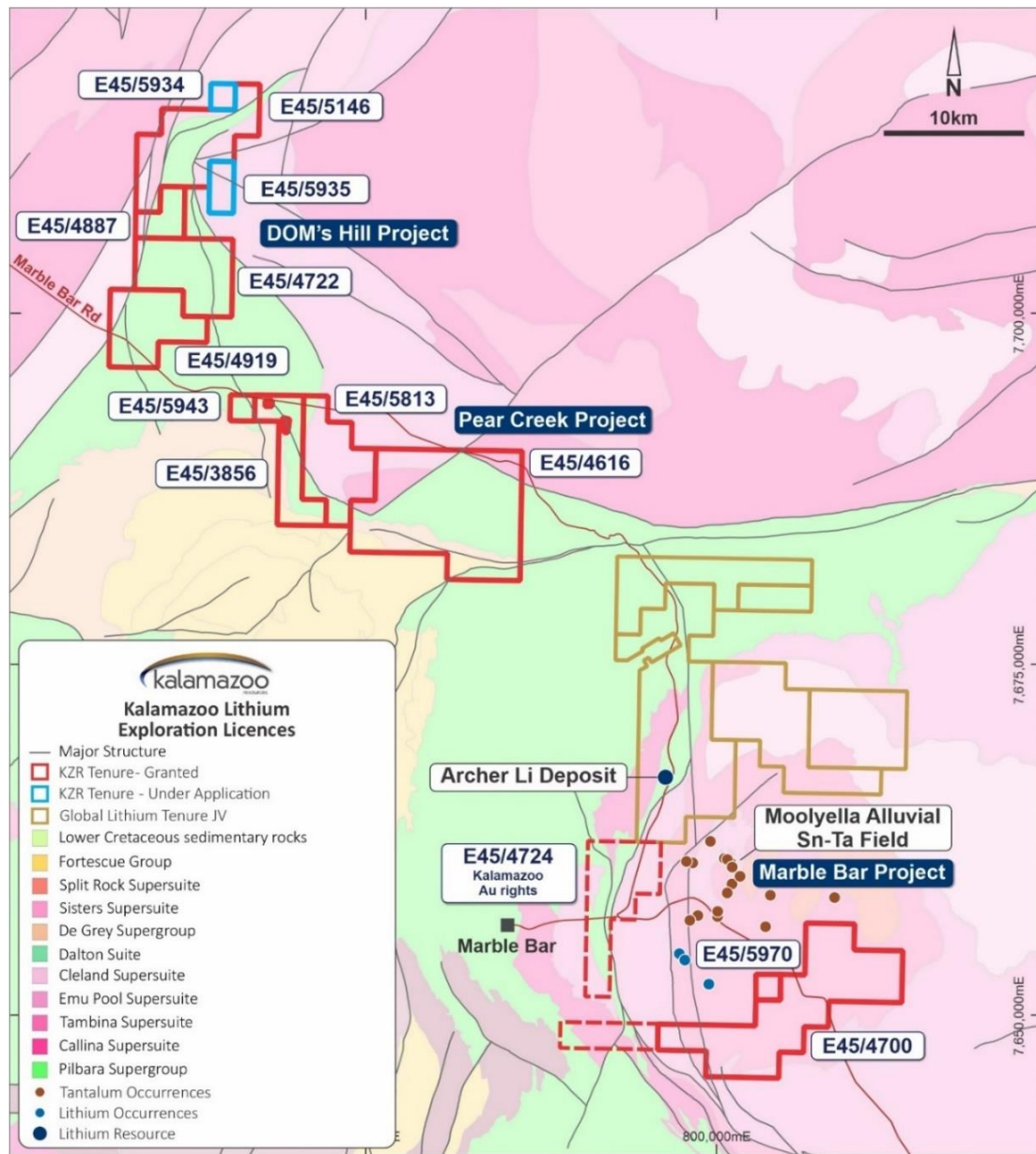


Figure 2: Location of Kalamazoo’s lithium exploration projects at DOM’s Hill, Pear Creek and Marble Bar, East Pilbara WA. Note that Kalamazoo has gold rights only in respect to E45/4724.

Immediately following the Marble Bar drilling program, the rig will mobilise to Kalamazoo’s DOM’s Hill Lithium Project for an ~1,000m RC drilling program, designed to test three prospects defined by significant soil geochemistry anomalies coincident with favourable structures within E45/4722, E45/4887 and E45/5416.

Kalamazoo considers the DOM’s Hill Lithium Project highly prospective for LCT-mineralised pegmatite dykes given the project contains a similar geological setting and host rocks strongly analogous to that of the nearby world class Pilgangoora and Wodgina pegmatite-hosted lithium deposits (Figure 3).

Kalamazoo/SQM Pilbara Exploration Joint Venture

The DOM’s Hill and Marble Bar Lithium Projects are part of an exploration Joint Venture agreement between Kalamazoo Resources Limited and major Chilean lithium producer Sociedad Química y Minera de Chile S.A. (“SQM”). SQM has been granted the right to earn an initial 30% interest (to a maximum of 70%) in all mineral rights at Kalamazoo’s DOM’s Hill and Marble Bar Lithium Projects, by sole funding a minimum of **A\$12 million** of exploration and development activities over the next four years. SQM is one of the world’s leading lithium producers with its main asset in Australia being its 50% joint venture interest in the Mt. Holland Lithium Project.

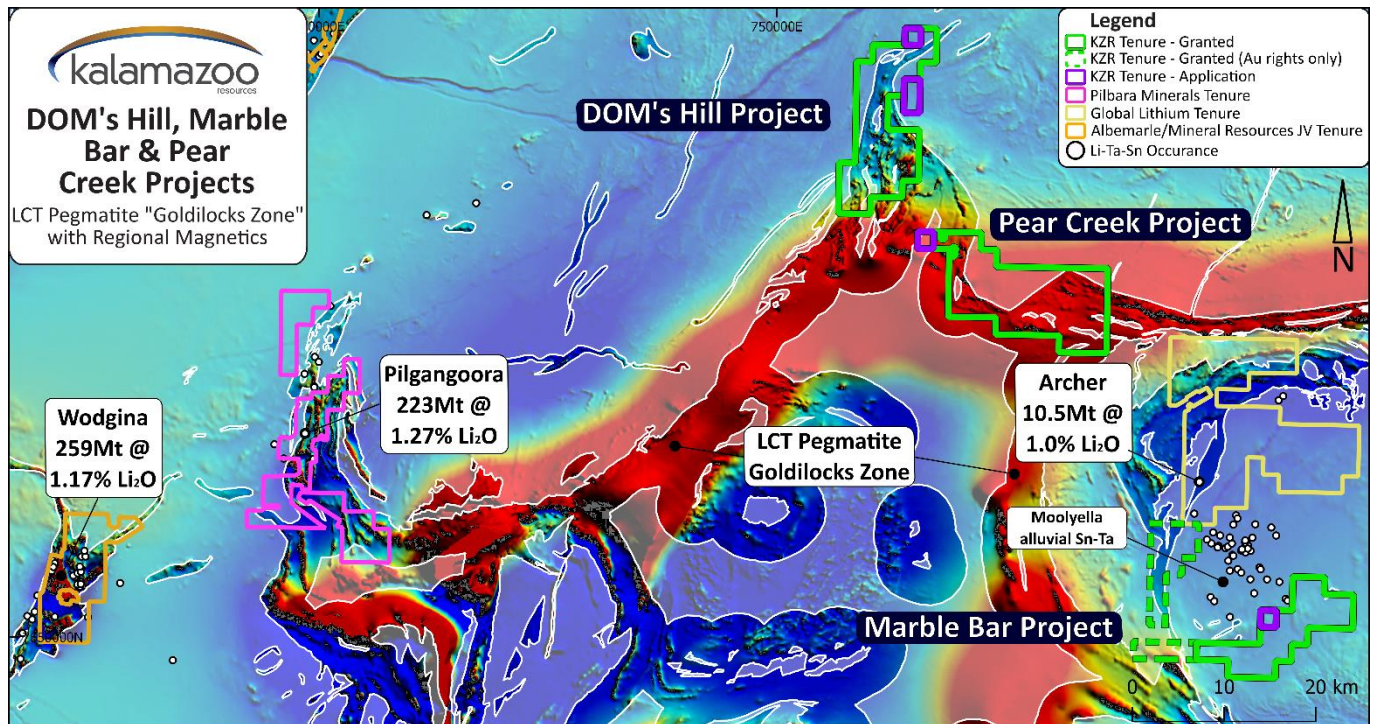


Figure 3: Location of the DOM's Hill Lithium Project with respect to the Pilgangoora and Wodgina lithium mines and the Archer lithium deposit on a background WA regional-scale aeromagnetic image². The interpreted "Goldilocks Zone" is defined as a 4km wide zone located along the Archaean granite-greenstone contact area.

This announcement has been approved for release to the ASX by Luke Reinehr, Chairman and CEO, Kalamazoo Resources Limited.

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Previously Released ASX Material References

For further details relating to information in this announcement please refer to the following ASX announcements:

- ASX: KZR 11 May 2022
- ASX: KZR 12 April 2022
- ASX: KZR 16 December 2021
- ASX: KZR 23 August 2021
- ASX: KZR 8 July 2021

² Western Australian Department of Mines, Industry Regulation and Safety website: Lithium in Western Australia, June 2021

About Kalamazoo Resources Limited

Kalamazoo Resources Limited (ASX: KZR) is an ASX-listed exploration company with a portfolio of high-quality gold and lithium projects in Victoria and the Pilbara, WA. Kalamazoo is exploring at its 100% owned Castlemaine Goldfield (historical production of ~5.6Moz Au) and south of the Maldon Goldfield (historical production of ~2Moz) near the world class Fosterville gold mine in Victoria. In the Pilbara, Kalamazoo's extensive exploration program is advancing the 100% owned Ashburton Gold Project to further increase the 1.65Moz Au resource and progress development plans. Kalamazoo's lithium projects include the DOM's Hill and Marble Bar Lithium Projects in an exploration joint venture with the major Chilean lithium producer Sociedad Química y Minera de Chile S.A. (SQM) (NYSE: SQM) and the 100% owned Pear Creek Lithium Project.

Kalamazoo has become the first gold and lithium explorer operating in Australia to be certified carbon neutral for its business operations under the Federal Government's Climate Active Program, with projected 2022 emissions fully offset achieved with a verified environmental reforestation program in Western Australia.

Competent Persons Statement

The information in this announcement for the Pilbara Lithium Projects is based on information compiled by Dr Luke Mortimer, a competent person who is a Member of The Australian Institute of Geoscientists. Dr Mortimer is an employee engaged as the Exploration Manager for the Company and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration results, Mineral Resources and Ore Reserves'. Dr Mortimer consents to the inclusion in this document of the matters based on his information in the form and context in which it appears.

Forward Looking Statements

Statements regarding Kalamazoo's plans with respect to its mineral properties and programs are forward-looking statements. There can be no assurance that Kalamazoo's plans for development of its mineral properties will proceed as currently expected. There can also be no assurance that Kalamazoo will be able to confirm the presence of additional mineral resources/reserves, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of Kalamazoo's mineral properties. The performance of Kalamazoo may be influenced by a number of factors which are outside the control of the Company and its Directors, staff and contractors.

Response to COVID-19

Kalamazoo has been proactively managing the potential impact of COVID-19 and has developed systems and policies to ensure the health and safety of its employees and contractors, and of limiting risk to its operations. These systems and policies have been developed in line with the formal guidance of State and Federal health authorities and with the assistance of its contractors and will be updated should the formal guidance change. Kalamazoo's first and foremost priority is the health and wellbeing of its employees and contractors.

To ensure the health and wellbeing of its employees and contractors, Kalamazoo has implemented a range of measures to minimise the risk of infection and rate of transmission to COVID-19 whilst continuing to operate. All operations and activities have been minimised only to what is deemed essential. Implemented measures include employees and contractors completing COVID-19 risk monitoring, increased hygiene practices, the banning of non-essential travel for the foreseeable future, establishing strong infection control systems and protocols across the business and facilitating remote working arrangements, where practicable and requested. Kalamazoo will continue to monitor the formal requirements and guidance of State and Federal health authorities and act accordingly.