

14 July 2023

**Key information**

- South Wodgina exploration activities re-commenced.
- Worldview-3 high resolution satellite data imagery collection has commenced.
- Aeromagnetic and Radiometric Survey approved and will commence in the quarter.

## Pilbara Lithium Exploration Update

Yari Minerals Limited ("Company" ASX: YAR) is pleased to provide an exploration update for its South Wodgina lithium exploration projects located in the Pilbara region of Western Australia.

The Company has commenced collection of Worldview-3 high resolution satellite imagery and approved an Aeromagnetic and Radiometric Survey to commence this quarter.

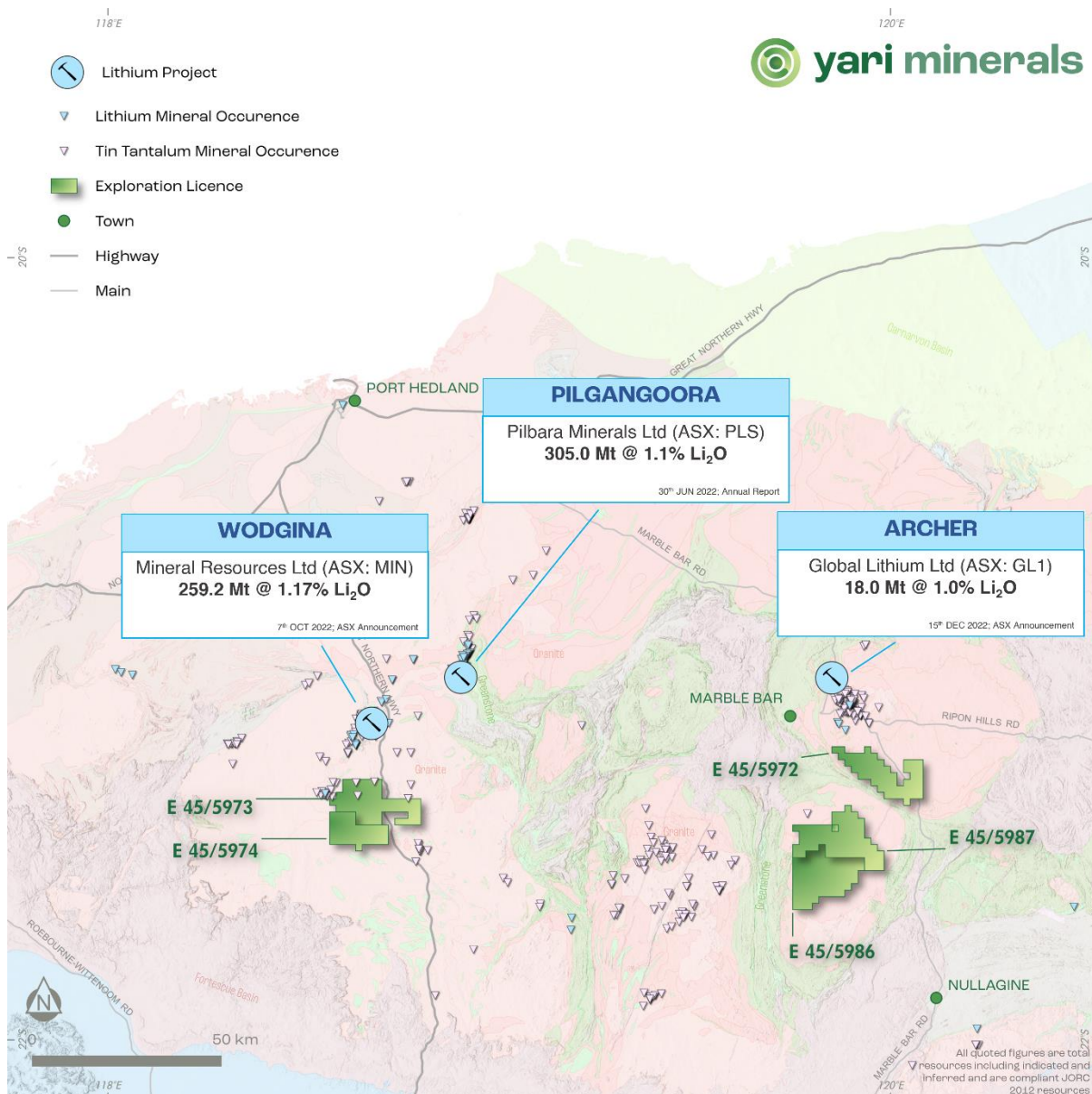
The Worldview-3 imagery will provide high resolution, ground cover and lithological information useful in geological mapping and in the identification of alteration associated with pegmatitic mineralisation. It provides similar spectra as the Aster data that was acquired in 2022, but at a much finer 16x the resolution.

Collection of existing and acquisition of new Worldview-3 satellite data commenced in late June and the results will be announced once received and interpreted.

The Company has approved an Aeromagnetic and Radiometric Survey to be completed in one airborne survey on a fixed wing aircraft to be flown on 50m spaced lines at an altitude of 40m.

The magnetic and radiometric surveys identify changes in lithology, or soil type, are often accompanied by changes in the concentrations of the radioelements. Of particular interest in exploring for pegmatites is the K channel as pegmatites are high in potassic feldspars. The Aeromagnetic and Radiometric Survey will provide valuable information to define structures that may potentially host pegmatites.

Anthony Italiano commented, *"Following the completion of the divestment of the Plomosas Mine, Mexico to Impact Silver Corp. the Company has re-commenced exploration activities in the Pilbara and will be targeting its high-priority South Wodgina lithium exploration projects during Q3 2023. The first stage of exploration at South Wodgina is to complete detailed high-resolution Worldview-3 and the Aeromagnetic and Radiometric Survey to rapidly identify pegmatites in advance of commencing on ground soil and geochemical sampling to define and develop a drilling program."*



**Figure 1: Yari Minerals lithium exploration tenements**

The Company requires mining access permits to be granted under the *Aboriginal Cultural Heritage Act 2021* to commence the on-ground soil and geochemical program at the South Wodgina exploration projects and is proceeding under the guidelines to obtain these mining access permits.

This announcement was authorised for issue to the ASX by the Directors of the Company.

**For further information please contact:**

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## About Yari Minerals

Yari Minerals Limited (ASX: YAR) owns 100% interests in the Pilbara Lithium and Wandagee Projects, which comprise approximately 1,400km<sup>2</sup> in 6 granted exploration licences located in the Pilbara and Gascoyne regions of Western Australia.

The Pilbara Projects are highly prospective for lithium and situated near two of the world's largest hard rock lithium deposits/mines (ASX: PLS – Pilgangoora & ASX: MIN – Wodgina) and other deposits and occurrences near Marble Bar (ASX: GL1's Archer Project).

Until 3 April 2023, YAR owned and operated the Plomosas Mine in Mexico. On that date, the mine was sold to Impact Silver Corp. (TSX-V: IPT). The Company retains an interest in that Project through a 12% net profit interest royalty and shares in Impact Silver Corp. which were part of the purchase consideration.

## Caution Regarding Forward Looking Statements and Forward-Looking Information:

*This report contains forward-looking statements and forward-looking information, which are based on assumptions and judgments of management regarding future events and results. Such forward-looking statements and forward-looking information involve known and unknown risks, uncertainties, and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any anticipated future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include, among others, the actual market prices of lithium, zinc, lead and silver, the actual results of current exploration, the availability of debt and equity financing, the volatility in global financial markets, the actual results of future mining, processing and development activities, receipt of regulatory approvals as and when required and changes in project parameters as plans continue to be evaluated.*

*Except as required by law or regulation (including the ASX Listing Rules), Yari Minerals undertakes no obligation to provide any additional or updated information whether as a result of new information, future events or results or otherwise. Indications of, and guidance or outlook on, future earnings or financial position or performance are also forward-looking statements.*

## Competent Persons' Statement

*The information in this report that relates to the Pilbara, Western Australia, exploration results, data collection and geological interpretation is based on information compiled by Mr Kerry Griffin. Mr Griffin is the COO of Yari Minerals and is a Member of the Australian Institute of Geoscientists (AIG). Mr Griffin has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves' (JORC Code). Mr Griffin consents to the inclusion in this announcement of the matters based on their information in the form and context in which it appears.*