

## ASX ANNOUNCEMENT

7 September 2022

### Detailed Hyperspectral Survey to Commence at Napperby Lithium Project NT

#### Highlights

- Airborne hyperspectral survey commissioned to complement field work and aid in drill targeting at Napperby
- Specialised remote sensing and digital imagery company HyVista Corporation engaged to conduct 1,200km<sup>2</sup> survey to begin immediately
- The survey is designed to map mineral composition and surface mineralogy associated with lithium bearing minerals and their surface distribution
- Survey coverage will be over the Company's recently granted exploration license EL32836, which shares its southern boundary with Rio Tinto Exploration's new application, EL33135 and Oceana's ELA32841, under application

#### *North Arunta Lithium Pegmatite province airborne survey (Northern Territory)*

Oceana Lithium Limited (ASX: OCN, "Oceana" or "Company") is pleased to announce that it has engaged HyVista Corporation ("HyVista") to conduct a hyperspectral survey at its Napperby Lithium Project in the highly prospective North Arunta Pegmatite district in the Northern Territory.

HyVista has over 20 years of operational experience in conducting airborne surveys for the mineral exploration sector and is regarded as the premier global airborne hyperspectral service provider for large area surveys.

The Napperby survey will be the largest airborne hyperspectral lithium survey conducted in the NT to date. It is a part of a major regional program to map over 8,500 km<sup>2</sup> of highly prospective pegmatite tenements within the North Arunta region funded by active lithium explorers in the region. The survey will provide high quality digitally calibrated surface imagery for the Company's recently granted exploration licence EL32836, which shares its southern boundary with Rio Tinto Exploration's application for EL33135, and for Oceana's ELA32841 under application (**Figure 1**).

#### Oceana Lithium Limited

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#### Management Team

**Sebastian Kneer**  
Executive Director

**Jerome (Gino) Vitale**  
Non-Executive Chairman

**Dr Qingtao Zeng**  
Non-Executive Director

**Simon Mottram**  
Non-Executive Director

**Dan Smith**  
Company Secretary

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#### Projects

Solonopole Lithium Project  
(Ceara, NE BRAZIL)

Napperby Lithium Project  
(NT, AUSTRALIA)

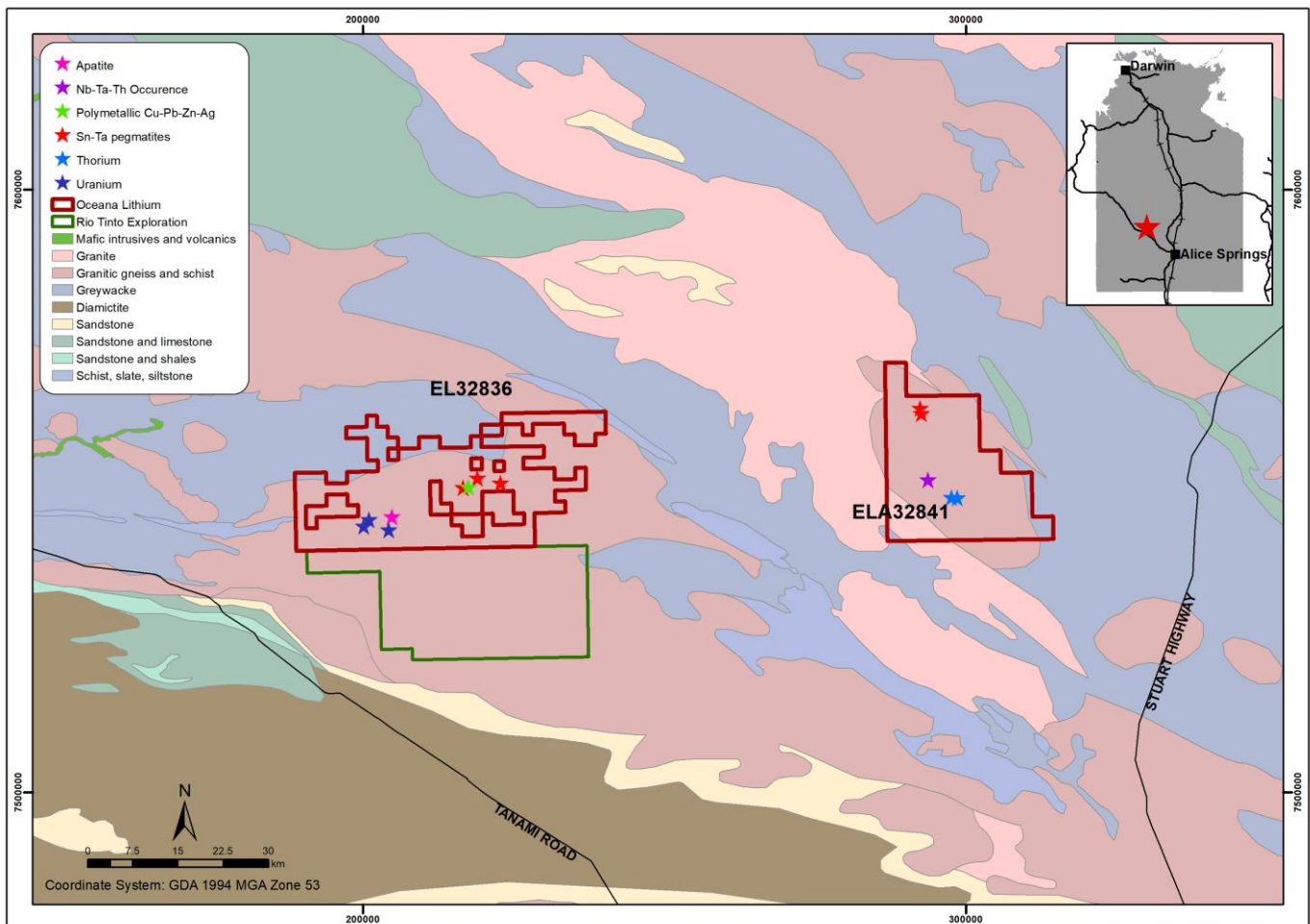
Shares on Issue	64,400,000
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Tradeable Shares	33,525,000
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ASX Code	OCN
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HyVista employs its high-end signal-to-noise commercial airborne hyperspectral sensor, the “HyMap” sensor, which is used to map extremely faint mineral signatures precisely and accurately at the earth’s surface. Minerals generally form in narrow ranges of temperature, pressure and pH, so accurate surface mapping can provide vectors to the most likely locations of ore-bearing minerals.

Compared to satellite data, airborne HyMap data is designed to provide vastly superior spatial and spectral resolution in a cost-effective manner to accelerate field targeting on the ground. The survey imaging technology uses more than 128 bands across selected reflective solar wavelengths to produce data that is capable of identifying surface mineralogy and alteration mapping and vectoring that can be applied to targeted minerals including lithium-bearing mineralisation such as spodumene and lepidolite. The survey and subsequent interpretation are expected to take 10-12 weeks to complete.



**Figure 1: Oceana Lithium tenements in red, Rio Tinto application in green. Mineral occurrences shown as stars.**

Authorised for release by the Board.

For further information please contact:

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### **Competent Person Statement**

Sebastian Kneer, a Director of the Company, is a Member and Registered Professional of the Australian Institute of Geoscientists (MAIG RPGeo) and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the 2012 Edition of the JORC 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Sebastian Kneer consents to the inclusion in the report of the information in the form and context in which it appears.

The exploration results contained in this announcement were first reported by the Company in its prospectus dated 4 April 2022 and announced to ASX on 29 June 2022. The Company confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus.

### **ABOUT OCEANA LITHIUM**

**Oceana Lithium Limited** is a mineral exploration and development company with advanced + early-stage Lithium Pegmatite projects in mining friendly jurisdictions in the state of Ceara, Brazil, and the Northern Territory, Australia. The Company's exploration team is led by Sebastian Kneer, previously head of exploration with Galaxy Resources (since acquired by Orocobre, now Allkem Ltd, ASX: AKE). Sebastian is supported by Simon Mottram, a widely experienced geologist and resident of Brazil and Dr Qingtao Zeng who is coordinating the Company's exploration effort at the Napperby project in the Northern Territory.