Orpheus Executes NTMA to Enable Exploration Activities at Marree Uranium Project

Highlights:

- **Native Title Mining Agreement (NTMA) executed with The Dieri Aboriginal Corporation (TDAC) Registered Native Title Body Corporate (RNTBC).**
- **Agreement provides foundation for Orpheus to commence Mineral Exploration Operations (MEO) including early and advanced stage activities within the Marree Uranium Project which overlap Dieri Determination area.**
- **Marree Uranium Project located within the highly prospective Lake Eyre Basin.**
- **Expert internal technical staff continue to review the project and will define future exploration activities associated with the project.**

Orpheus Uranium Limited (ASX: ORP) ("Orpheus" or "the Company") is pleased to announce that it has executed a Native Title Mining Agreement (NTMA) with **The Dieri Aboriginal Corporation (TDAC)**, the Registered Native Title Body Corporate (RNTBC) for the Dieri Determination Area.

The execution of the NTMA represents a significant milestone for Orpheus, as the Company continues to build strong relationships and secure multiple access agreements with Determination Groups and their RNTBCs. These agreements provide a critical framework for Orpheus to gain regulatory approvals as to advance its mineral exploration programs to more advanced stages, including drilling. whilst respecting Native Title rights and cultural heritage.

The agreement enables Orpheus to commence on-ground exploration activities within the **Marree Uranium Project** (Figure 1), where initial work will focus on refining priority target areas prospective for uranium mineralisation. The NTMA also establishes a clear pathway for regulatory approvals covering advanced exploration activities and includes provisions for heritage clearance surveys across defined areas of interest following early-stage exploration.

Geological interpretation of the **Marree Uranium Project** highlights its potential for **silcrete- and sedimentary-hosted uranium**, within a geological setting analogous to Orpheus's **Frome Project** and the known **Four Mile Uranium deposits** (Figure 2). Orpheus is continuing a detailed technical review of the Marree Project in conjunction with broader portfolio-wide interpretation work, aimed at defining and prioritising high-value exploration targets.

Commenting on the exploration program, Orpheus Managing Director Clinton Dubieniecki commented:

"The signing of this agreement with The Dieri Aboriginal Corporation is another important step for Orpheus. Establishing these partnerships and access agreements is essential for conducting our exploration programs in a respectful and sustainable way, while also providing Orpheus the certainty to commit to more advanced stages of work, including drilling. I believe it also highlights the advantages of the collaborative approach we have taken when working with Native Title groups and strengthens the foundation for Orpheus to deliver year-round exploration programs across a diverse range of projects and long-term value for all stakeholders."

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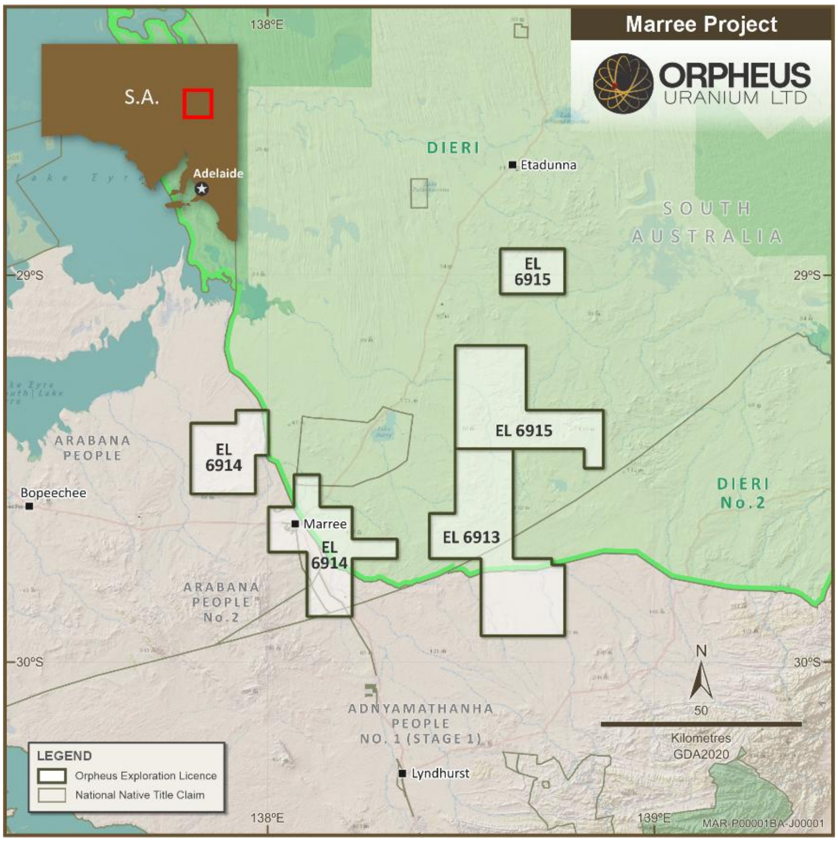

Figure 1: Location map of Orpheus' EL 6913, 6914 and 6915 tenements comprising the Marree Uranium Project with the Dieri determination area.

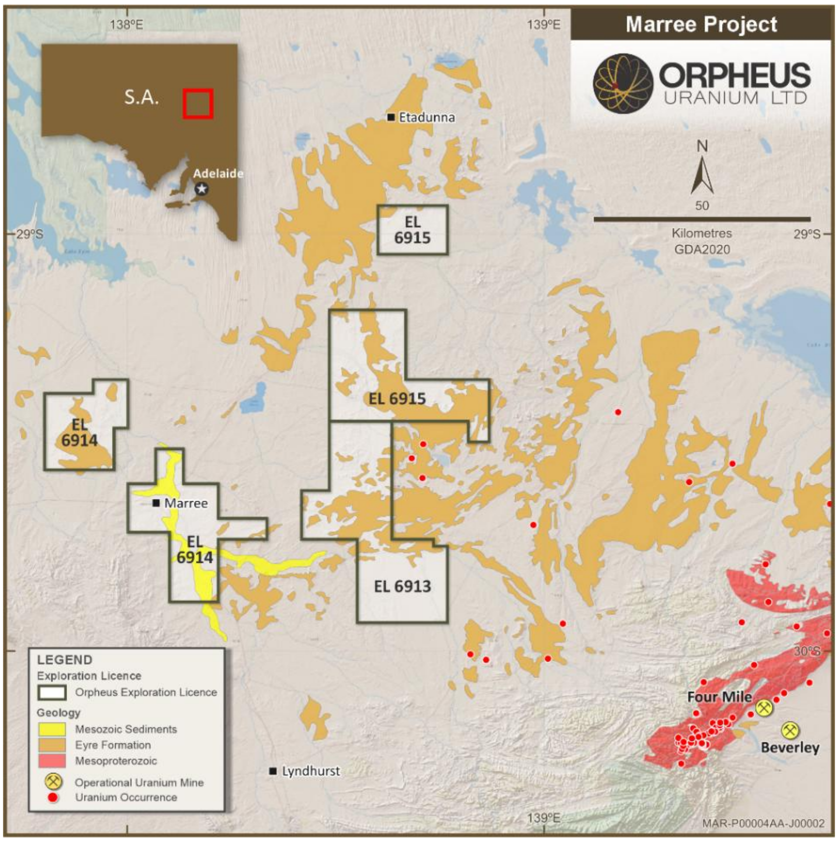

Figure 2: Location map of Orpheus' EL 6913, 6914 and 6915 tenements comprising the Marree Uranium Project with notable distribution of surface geological units, operational uranium mines and noted uranium occurrences (sourced from SARIG website).

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This announcement was approved for release by the Board of Orpheus Uranium Limited.

For further information, please contact:

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About Orpheus Uranium

Orpheus Uranium Limited is an Australian Securities Exchange listed exploration company exploring for uranium in South Australia and the Northern Territory, both jurisdictions which allow uranium mining and processing, and extending to Western Australia with the recent Oobagooma acquisition, a state that contains known uranium deposits.

Competent Person Statement

Sections of information contained in this report that relate to Exploration Results were compiled or reviewed by Mr Clinton Dubieniecki BSc (Hons), who is a Member of the Australian Institute of Geoscientists (AIG), Member of Australasian Institute of Mining and Metallurgy (AusIMM), and is a full-time employee of Orpheus Uranium Limited. Mr Dubieniecki has sufficient experience which is relevant to the style of mineral deposits 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 Mineral Resources and Ore Reserves”. Mr Dubieniecki consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

Forward Looking Statements

The written presentation may contain forward-looking statement regarding the outlook for the Company’s interpretation, work programs, and financial results. These forward-looking statements generally can be identified by phrases such as “anticipates”, “potential”, “plans”, “intends”, “believes”, “likely”, “appears”, “expects”, “likely”, “appears” or other words or phrases of similar impact. There is inherent risk and uncertainty in any forward-looking statements. Variance will occur and some could be materially different from management’s opinion. Developments that could impact the Company’s expectations include a variety of known and unknown risks, uncertainties and other factors that could cause actual events or results to differ from those expressed or implied, including, without limitation, business integration risks; uncertainty of development plans and cost estimates, commodity price fluctuations; political or economic instability and regulatory changes; currency fluctuations, the state of the capital markets, Orpheus’ ability to attract and retain qualified personnel and management, potential labour unrest, unpredictable risks and hazards related to the development and operation of exploration programs that are beyond the Company’s control, the availability of capital to fund all of the Company’s projects. These forward-looking statements are made as of the date of this presentation and the Company assumes no obligation to update these forward-looking statements, or to update the reasons why actual results differed from those projected in the forward-looking statements, except in accordance with applicable securities laws.