

# HEAVY MINERAL SANDS SAMPLING PROGRAM TO COMMENCE AT WILAN PROJECT

# **Highlights**

- Aruma's first heavy mineral sands (HMS) reconnaissance sampling program to commence at the prospective Wilan Project in the Eromanga Basin, South Australia
- Exploration will test for **economically significant HMS including zircon**, **ilmenite**, **rutile** and **leucoxene** identified on neighbouring projects
- Landowner and Traditional Owner consent has been granted program expected to be completed next month and results to be reported when available
- Wilan Project is strategically located next to Altitude Minerals' (ATT) recent HMS
  discoveries in the emerging Eromanga Basin HMS province independent geological review
  has confirmed Wilan's HMS prospectivity
- Strong HMS demand outlook underpinned by traditional uses and driven by emerging
  applications in aerospace, medical, defence applications, battery technologies, wind
  turbines and electronics and supply-side pressures
- The sampling program at the Wilan Project provides the opportunity to deliver earlystage exploration success and is a first-step towards unlocking the Project's value

**Aruma Resources Limited (ASX: AAJ) (Aruma or the Company)** is pleased to announce plans for the commencement of its maiden, Heavy Mineral Sands (HMS)-focused, field program at the Wilan Project in the Eromanga Basin, in South Australia.

Aruma has secured landowner consent plus approval from the Traditional Owners of the ground that makes up the Wilan Project, the Arabana People, to conduct this initial phase of field work, which is scheduled to commence next week.

The field work will consist of a stream sediment sampling program, strategically targeted to assess the presence of HMS minerals including zircon, ilmenite, rutile, and leucoxene, and potential mineral content. The program will involve the collection and analysis of approximately 40 samples across both licence areas, EL6819 and EL6870, within the Wilan Project area (Figure 1).

Aruma's technical team is currently preparing to mobilise to site. The program is expected to be completed in December, and results will be reported when available.





The sampling program has been designed from an assessment of available regional geological data from previous and current explorers in this part of the emerging Eromanga Basin HMS province.

Aruma recently completed a comprehensive independent review of the Wilan Project by a highly experienced mineral sands geologist<sup>1</sup>. The review highlighted the HMS prospectivity of the Project, based on the potential presence of sedimentary units which contain HMS mineralisation elsewhere in the Eromanga Basin, and its potential to host Headland-style and Strand-style HMS deposits.

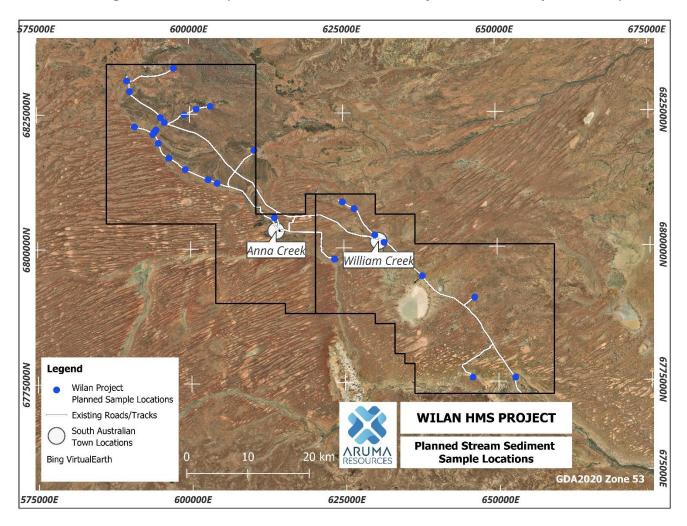


Figure 1 – Wilan Project showing proposed stream sediment sampling locations

# **Aruma Resources managing director Grant Ferguson said;**

"The proximity to ATT's high-grade HMS discoveries at its adjacent Peake Project and the HMS potential of our Wilan Project, highlighted by our recent independent technical review, combine to position the Wilan Project as a compelling HMS exploration opportunity in the rapidly emerging Eromanga Basin HMS province. Having now received landowner consent and approval from the Traditional Owners, we are very excited to commence this first phase of fieldwork at Wilan, targeting key HMS via a stream sampling program. With a strong demand outlook for HMS driven by established uses along with applications in emerging technologies, we are eager to unlock and realise the HMS potential of the Wilan Project."



# Wilan Project - HMS background and commentary

The Wilan Project (EL 6870, EL6819) is situated adjacent to Altitude Minerals' (ASX: ATT) Peake HMS Project in the Eromanga Basin (Figure 2), where ATT has recently reported discoveries of high-value zircon and titanium minerals, with results including significant concentrations of zircon (up to 30%), ilmenite (40-50%), leucoxene (10%) and rutile (5%)<sup>2,3</sup>.

ATT has just completed a first phase of drilling at the Peake Project, which included 84 aircore holes for a total of 3,125 metres at EL7071<sup>4</sup>, immediately adjacent to the West of Aruma's Wilan tenure.

Elsewhere in the Eromanga Basin, a number of other HMS discoveries have been made recently including Petratherm's (ASX: PTR) and Marmota's (ASX: MEU) Muckanippie Projects, highlighting the region's strong HMS potential.

Aruma's technical review of the HMS potential of the Wian Project established that the sedimentary units known to host HMS in other locations within the Eromanga Basin are also present within the Wilan tenure.

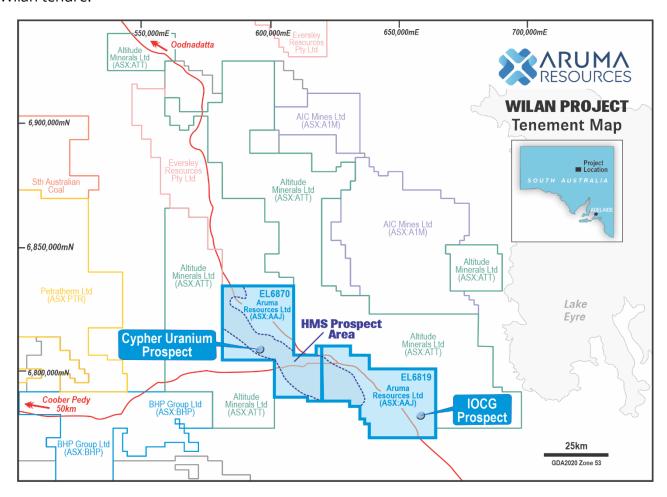


Figure 2 – Wilan Project and Regional Tenement Map



Recent HMS exploration discoveries in the region have focused on Cretaceous and Jurassic-age sediments of the Eromanga. Cretaceous and Jurassic sediments occur within the Wilan tenements, with a number of units including the Algebuckina and Cadna-owie formations considered prospective for HMS mineralisation.

These findings align with the geological characteristics of ATT's HMS discoveries at the Peake Project and reinforce the potential for HMS mineralisation at Wilan.

Drilling has also been conducted in the area of the Wilan tenure by previous explorers, which intersected up to 78 metres of Mesozoic sediments. HMS mineralisation has been recorded in these sediments in the historic drilling.

A total of nine historical drill holes with lithological information are recorded in the South Australia Government Database (SARIG)<sup>1</sup>. All holes intersected Mesozoic sediments, including fine-to-medium grain free flowing sand units, the typical target stratigraphy for mineral sands exploration.

## **Next steps**

Upon completion of its initial stream sediment sampling program, Aruma will send samples for laboratory analysis and will report the results when available.

Subject to results from this first-phase program, the Company plans to expedite plans for a maiden Air Core drilling program at priority targets identified, and position itself as a leading participant in the Eromanga Basin HMS province. The commencement of drilling (and other ground disturbing field work) will be subject to the signing of a final heritage agreement by the Traditional Owners and Aruma.

# **HMS strategic outlook**

The key economic HMS are Titanium Feedstocks (Ilmenite, Rutile, Leucoxene), Zircon, as well as Monazite and Xenotime minerals which both contain rare earth elements (REE).

Demand is currently largely underpinned by traditional uses; Titanium Feedstocks in pigments in paints, coatings, plastics and paper, and Zircon's use in ceramics. This, coupled with emerging uses in new technologies and applications, sees the HMS market positioned for strong demand growth in the mid-term.

Emerging uses include; titanium metal in aerospace, medical and defence applications, zirconium chemicals in catalysts and nuclear fuel cladding, and monazite and xenotime as key REE's in new battery technologies, wind turbines and electronics.



Supply-side pressures including mine depletion and a lack of new discoveries, plus a desire from Western governments to develop sources of supply outside of China - which is a key global producer – also contribute to a tightening supply and demand outlook.

This announcement has been authorised for release by the Board of Aruma Resources Ltd.

#### **ENDS**

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#### **About Aruma Resources**

Aruma Resources Limited (ASX: AAJ) is an ASX-listed minerals exploration company focused on the exploration and development of a portfolio of prospective projects in high-demand commodities – copper and uranium - in world-class mineral belts, in South Australia and Queensland. It also holds gold, lithium and REE prospective projects in Western Australia.

#### Referenced announcements in this ASX announcement

<sup>1</sup>AAJ ASX announcement 30 September 2025: Heavy Mineral Sands Potential Identified at Wilan Project

#### **Competent person statement**

The information in this release that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Samuel Brayshaw who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Brayshaw is a consultant to the Company. Mr Brayshaw has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 Reserve'. Mr Brayshaw consents to the inclusion in the release of the matters based on his information in the form and context in which it appears. All exploration results that have been reported previously and released to ASX are available to be viewed on the Company website www.arumaresurces.com. The Company confirms it is not aware of any new information that materially affects the information included in the original announcement. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcements.

<sup>&</sup>lt;sup>2</sup>ATT ASX announcement 26 May 2025: Heavy Mineral Sands Targets Identified at the Peake Project

<sup>&</sup>lt;sup>3</sup>ATT ASX announcement 13 August 2025: High-value Zircon and Titanium Minerals identified on New Tenement

<sup>&</sup>lt;sup>4</sup>ATT ASX announcement 3 November 2025: Drilling & Exploration Update, November 2025





Figure 3 - Aruma Resources project portfolio.

#### **Forward Looking Statement**

Certain statements contained in this document constitute forward looking statements. Such forwardlooking statements are based on a number of estimates and assumptions made by the Company and its consultants in light of experience, current conditions and expectations of future developments which the Company believes are appropriate in the current circumstances. These estimates and assumptions while considered reasonable by the Company are subject to known and unknown risks, uncertainties and other factors which may cause the actual results, achievements and performance of the Company to be materially different from the future results and achievements expressed or implied by such forwardlooking 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. There can be no assurance that Aruma plans to develop exploration projects that will proceed with the current expectations. There can be no assurance that Aruma will be able to conform the presence of Mineral Resources or Ore Reserves, that any mineralisation will prove to be economic and will be successfully developed on any of Aruma's mineral properties. Investors are cautioned that forward looking information is no guarantee of future performance and accordingly, investors are cautioned not to place undue reliance on these forward-looking statements