



Andromeda Metals Limited ASX: ADN ASX Announcement

10/431 King William Street
Adelaide, SA 5000

Tel: +61 8 7089 9800
ir@andromet.com.au

ABN
75 061 503 375

Andromeda progresses HPA product development

Andromeda Metals Limited (ASX: **ADN**) (**Andromeda**, the **Company**) is pleased to announce that it has progressed its plans to produce the critical mineral, high-purity alumina (**HPA**) from kaolin sourced from The Great White Project (**TGWP**).

Test work previously carried out by external consultants confirmed that kaolin from TGWP is ideally suited for making HPA, due to its high alumina content and exceptionally low levels of alkali and alkaline earth metals.

As recently announced¹, the Company recently recommenced test work to assess the potential viability of its novel flowsheet aimed at producing HPA using kaolin from the high-quality TGWP feedstock.

The recent lab-scale tests undertaken to prove up the novel process, have produced HPA to 99.99% purity (**4N HPA**). The successful lab tests confirm the novel process overcomes several inherent problems normally associated with other published processes for producing HPA from kaolin.

As a result of successfully achieving refined 4N HPA at a laboratory scale, Andromeda will now progress to the next phase of test work on HPA. This includes running a more rigorous continuous test program for creation of samples for bulk analysis.

HPA is listed on Australia's Critical Minerals List² as a high value product with an increasing use in the manufacturing of LED lights, synthetic sapphire glass, semiconductors and lithium-ion batteries.

An international Patent Co-operation Treaty (**PCT**) application covering the innovative process has also recently been filed.

Bob Katsioularis, Andromeda's CEO and Managing Director, said: *"These results are encouraging and represent a significant de-risking of Andromeda's proprietary process to produce HPA. The positive results underpin our plans to produce HPA using the high-quality kaolin feedstock from The Great White Project. The novel process offers the prospect of commercially producing 4N HPA economically, at scale."*

This announcement has been approved for release by the Board of Directors of Andromeda Metals Limited.

For more information about the Company and its projects, please visit our website, www.andromet.com.au or contact:

Manager, Investor Relations & Corporate Affairs

Patrick Sinclair
T: 08 7089 9819
M: 0403 708 431
E: Patrick.Sinclair@andromet.com.au

¹ Refer to ASX announcement dated 30 April 2024 titled *Quarterly Activity Report – March 2024*.

² https://storage.googleapis.com/converlens-au-industry/industry/p/prj2807d5847ce2bae3896d1/public_assets/critical-minerals-list-2023-update.pdf



Forward-looking statements

This document contains or may contain certain forward-looking statements and comments about future events, that are based on Andromeda's beliefs, assumptions and expectations and on information currently available to management as at the date of this document.

Often, but not always, forward-looking statements can generally be identified by the use of forward-looking words such as "may", "will", "expect", "plan", "believes", "estimate", "anticipate", "outlook", and "guidance", or similar expressions. Such statements are only expectations or beliefs and are subject to inherent risks and uncertainties which could cause actual values, results or performance achievements to differ materially from those expressed or implied in this presentation.

Where Andromeda expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and on a reasonable basis. No representation or warranty, express or implied, is made by Andromeda that the matters stated in this presentation will in fact be achieved or prove to be correct. Except as required by law, Andromeda undertakes no obligation to provide any additional or updated information or update any forward-looking statements, whether on a result of new information, future events, results or otherwise.

Readers are cautioned against placing undue reliance on forward-looking statements. These forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of Andromeda, the directors, and management of Andromeda.