

Potential to Produce High-Purity Alumina Demonstrated at Owendale

6 SEPTEMBER 2018

Key highlights:

- **Potential to produce high-value, High Purity Alumina (“HPA”) as a by-product at Owendale**
- **Initial purification testwork demonstrates a purity of 99.989%**
- **HPA used in sapphire glass manufacture and lithium-ion battery separators**
- **Further testing planned to improve recovery rates and purity levels**

Platina Resources Limited (ASX: PGM) is pleased to announce the production of a small sample of HPA, a high-value by-product, in its metallurgical testing program at the Owendale scandium, cobalt and nickel project in Central New South Wales, Australia.

The testing program was able to demonstrate the production of aluminium from clarified leach solutions following the recovery of scandium in the High-Pressure Acid Leach plant. The aluminium extracted from this solution was then refined to produce HPA. Preliminary solvent extraction testwork has demonstrated an initial recovery of 48.3% in a single stage. It is anticipated that further testwork will increase the aluminium extraction to in excess of 80%. The first attempt at refining the aluminium produced a sample of 99.989% pure HPA.

HPA is the pure form of aluminium oxide and the pre-cursor material for the manufacture of sapphire glass and ceramic coated Lithium-Ion-Battery separators. HPA’s value is derived from its physical properties of extreme hardness and chemical stability. The price of HPA varies upon product density, crystal structure, particle size and distribution and degree of purity. Further testing is required to demonstrate the economic potential of producing HPA as a by-product at Owendale.

Platina Managing Director, Corey Nolan, commented *“Platina is extremely pleased that the very first attempt at recovering aluminium has produced an almost 4N quality HPA product. The results demonstrate that Platina has the ability to produce a very high quality by-product, adding another potential revenue stream for the project”*.

For further information, please contact:

Corey Nolan, Managing Director

Tel: (+61) 7 5580 9094

Email: admin@platinaresources.com.au

About Platina Resources Limited

Platina Resources Limited (ASX: PGM) is an Australian-based exploration and development company focused on precious and specialty metals, particularly platinum group metals (“PGM”) and the strategic metal scandium.

The Company’s flagship project is Owendale in central New South Wales, one of the largest and highest-grade scandium deposits in the world, which has the potential to become Australia’s first scandium producer with cobalt, platinum and nickel credits. A Definitive Feasibility Study is underway and due for completion in late 2018.

The Company also has interests in two gold-platinum group metal projects, including:

- Skaergaard (100% interest) - One of the world’s largest undeveloped gold deposits and one of the largest palladium resources outside of South Africa and Russia, located in Greenland; and
- Munni Munni (30% interest) - Situated in the Pilbara region of Western Australia, the Munni Munni Complex is one of Australia’s most significant PGM occurrences. Munni Munni also has potential for conglomerate hosted gold and is a joint venture with Artemis Resources Limited.

Forward Looking Statements

Statements regarding Platina Resources’ plans with respect to its mineral properties are forward-looking statements. There can be no assurance that Platina Resources’ plans for development of its mineral properties will proceed as currently expected. There can also be no assurance that Platina Resources’ will be able to confirm the presence of additional mineral deposits, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of Platina Resources’ mineral properties.

Competent Person Statement

Information in this announcement relating to the Scandium Refining Testwork is based on technical data compiled by Mr Boyd Willis, an Independent Consultant trading as Boyd Willis Hydromet Consulting. Mr Willis is a Fellow and Chartered Professional of The Australasian Institute of Mining and Metallurgy (AusIMM). Mr Willis has sufficient experience which is relevant to metal recovery from the style of mineralisation and type of deposits under consideration and to the activity which they are undertaking to qualify as a Competent Persons under the 2012 Edition of the ‘Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves’. This includes over 20 years of experience in metal recovery from Laterite ore and over 8 years of experience with Scandium hydrometallurgy. Mr Willis consents to the inclusion of the technical data in the form and context in which it appears.