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## Positive Step Towards Creating Valuable IP for Aluminium - Scandium Master Alloy Production.

**Platina Resources Limited (ASX: PGM)** intellectual property development program has produced a new high-grade, aluminium-scandium master alloy that it believes will be attractive to end users.

Platina Managing Director Mr Corey Nolan said the results are an important step in the development of its new PSP development strategy outlined to shareholders in late 2021.

“The key to unlocking the scandium market is having the ability to supply customers with master alloy at a small-scale and grow production as demand increases. The new master alloys are high-grade, with more than twice the amount of available scandium than current commercial products.” Mr Nolan said.

The aim of the program is to develop a proprietary process for the production of value-added, aluminium-scandium master alloy. The tests have demonstrated the successful conversion of scandium oxide into scandium aluminide with high recoveries, producing micro-structures that are the same as commercially available aluminium scandium master alloys (see Figure 1). The high-grade master alloy has also successfully been diluted back down to a standard commercial grade of 2% scandium.

There is strong evidence that aluminium scandium alloys appeal as a lightweight, high strength alloy for marine, heat exchangers, aero, electric vehicles and other markets. Platina’s strategy is to develop a proprietary process for a relatively modest capital and operating cost operation that produce a premium value-added product directly saleable into the market.

Further test work to refine the process methodology at a larger scale is planned.

**This announcement was authorised by Mr Corey Nolan, Managing Director of Platina Resources Limited.**

### For more information:

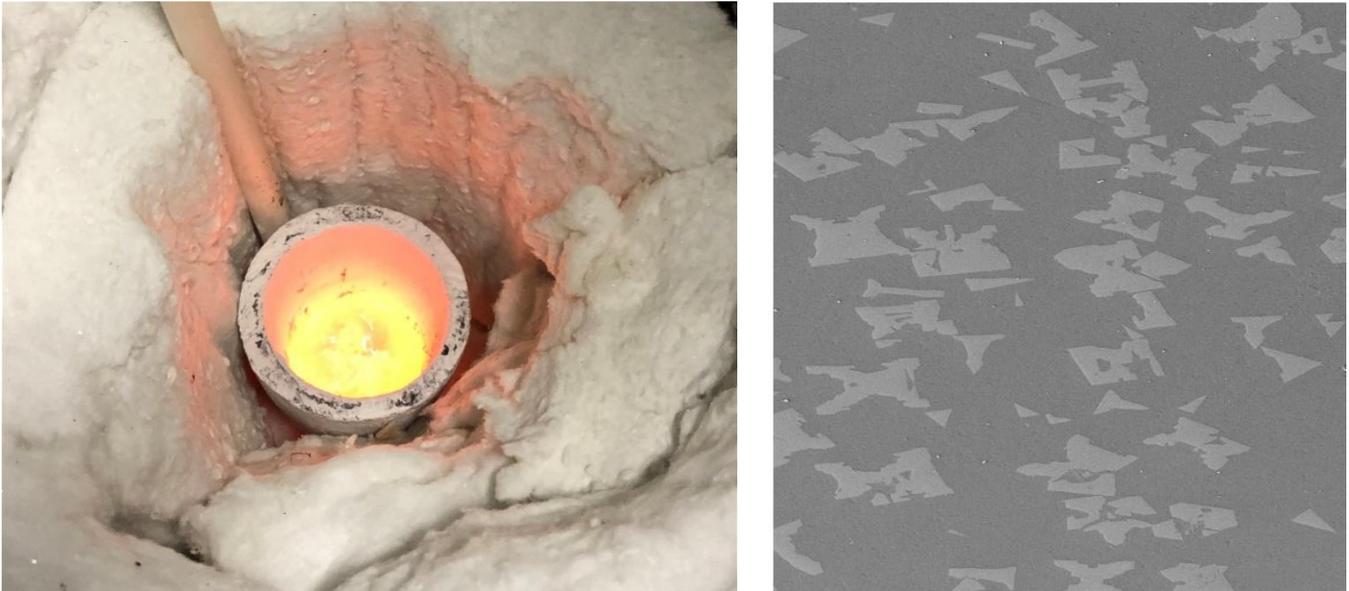
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## Going for gold.

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**Figure 1 – Molten aluminium and scandium (left) and final product (right) and high quality micro structures in the final product**

#### **ABOUT PLATINA RESOURCES**

Platina is an Australian-based company focused on returning shareholder value by advancing early-stage metals projects through exploration, feasibility, permitting and into development.

The company has interests in the following projects:

- Xanadu Gold Project (100% interest) – located in the Ashburton Basin in Western Australia in close proximity to the Mt Olympus gold project, a multi-million ounce gold endowment;
- Challa Gold Project (100% interest) – Platina has acquired a 100% interest in the Challa Gold Project located between the prolific Mt Magnet and Sandstone gold districts in Western Australia, 500km north-east of Perth.
- Platina Scandium Project (100%) – located in central New South Wales, the project is 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.
- Munni Munni (30% interest) – Situated in the Pilbara region of Western Australia, the project is one of Australia’s most significant Platinum Group Metal occurrences. Munni Munni also has potential for conglomerate hosted gold and is a joint venture with Artemis Resources Limited.
- Investment in Blue Moon Zinc Corporation (6 million shares in TSXV listed MOON) – the Blue Moon Zinc Project has a NI43-101 resource which is open at depth and along strike and has favorable metallurgy.
- Investment in Major Precious Metals (49 million shares in NEO listed SIZE) – Major is a Canadian mining and exploration company whose flagship Skaergaard Project hosts one of the world’s largest undeveloped gold deposits and one of the largest palladium resources outside of South Africa and Russia.

For more information please see: [www.platinareources.com.au](http://www.platinareources.com.au)