

Platina Resources Ltd

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Platina Resources set to begin technology trials to improve scandium project metrics

Platina Resources Ltd (ASX:PGM) aims to lower capital costs and enhance the revenue streams of its Platina Scandium Project in New South Wales by trialling two new technologies.

The vat leaching trial will focus on leaching at atmospheric temperature and pressure where there is the potential to lower capital costs.

Small-scale vat leaching

Platina will assess the application of a small-scale vat leach technology used for nickel laterite ores to scandium processing in a bid to establish a smaller, lower-cost project better aligned to the low volumes of the current scandium market.

While conventional high-pressure acid leaching (HPAL) may recover more metal, the technology is more complex, larger scale and requires considerably more capital.

Core Metallurgy in Brisbane has been engaged to conduct the trial.

High purity alumina recovery

Platina has previously demonstrated that it could extract high purity alumina from clarified leach solutions produced from the recovery of scandium in a HPAL plant. However, recoveries were low.

An alternative process technology will now be trialled to investigate whether Platina can achieve better recoveries of the aluminium which will be converted into high purity alumina, which has a premium value and is used to manufacture sapphire glass and lithium-ion-battery separators.

Platina managing director, Corey Nolan, said emerging technologies promised to make the most of the company's scandium project.

He added: "The aim of the trials is to ensure we develop a project that utilises all the high-value metals available in the deposit.

"Vat leaching is smaller scale and is expected to be a far lower cost and could provide scandium to the market for product development.

"In the future, as the scandium market gets larger, HPAL processing could then be implemented, and improved recoveries of scandium, nickel and cobalt as well as an alumina by-product will enhance revenue streams significantly and offset the higher capital costs of the technology."

Price: 0.068

Market Cap: \$27.48 m

1 Year Share Price Graph



September 2019 March 2020 September 2020

Share Information

Code: PGM

Listing: ASX

52 week High Low
0.082 0.01

Sector: Gold & silver

Website: www.platinaresources.com.au

Company Synopsis:

Platina Resources Ltd (ASX:PGM) is acquiring a drill-ready zinc-copper-gold project in a transformational transaction. Platina will gain a 70% interest in the Blue Moon Project by spending CAD\$3.25 million to earn 50% over 18 months and CAD\$3.75 million to earn an additional 20% over an additional 18 months.

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