Neometals Barrambie test pilot plant a success

Neometals Ltd (ASX: NMT)

Provided an update on its Barrambie Titanium and Vanadium Project.

The Company has successfully produced high purity (>98%) titanium hydrolysate (hydrated titanium dioxide - TiO2.2H2O) from the titanium recovery stage of its Australian pilot plant trial. Importantly, titanium recovery from Barrambie concentrate exceeded 90%.

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BARRAMBIE PROJECT UPDATE

HIGHLIGHTS
 High purity titanium dioxide hydrolysate produced from recent Barrambie pilot trial
 Trial successfully recovered titanium at high rates (90%) from Barrambie concentrate

Feedstocks

Results are being evaluated by potential JV partner IMUMR and titanium hydrolysate samples are being evaluated by multiple Chinese titanium pigment producers.

Barrambie Ministerial Approval renewed and Mining Proposal approved

Neometals Ltd (ASX: NMT) , is pleased to provide an update on its Barrambie Titanium and Vanadium Project ("Barrambie"). The Company has successfully produced high purity (>98%) titanium hydrolysate (hydrated titanium dioxide - TiO2.2H2O) from the titanium recovery stage of its Australian pilot plant trial ("Titanium Pilot"). Importantly, titanium recovery from Barrambie concentrate exceeded 90%.

The batch Titanium Pilot results confirm the technical feasibility of Neometals' process at pilot scale for the production of a high purity intermediate (hydrolysate) used in the titanium pigment process.

The Barrambie resource contains high-grade ilmenite intergrown with a vanadium-bearing magnetite (iron) and, as demonstrated, the Neometals process flowsheet can produce a superior intermediate feed material that is safer, cleaner and cheaper to produce titanium pigment from. In addition, the Barrambie titanium hydrolysate has very favourable morphology and chemical properties that offer numerous cost and quality advantages for the titanium pigment industry. Further upside in this flowsheet for Barrambie is the recovery of the accessory vanadium and iron in a saleable form.

To read the full news release, please click HERE