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smart project delivery

Koivu Titanium Project

Scoping Study Including Capital Cost Estimate, Operating Cost Estimate and Financial Modelling

Client

Cove Resources Ltd

Project Location

Koivu Titanium Project is located in the Halsua and Kalvia municipalities of west-central Finland, approximately 500 km's to the northwest of Helsinki. The Koivu Titanium Project consists of five ilmenite-magnetite deposits over a distance of 7km.

Project Value

US \$87 million

Project Summary

Cove Resources appointed Engenium to undertake a scoping study on the plant processing, from primary crusher through to concentrate filter, along with applicable infrastructure and utilities for the Koivu Titanium Project.

The scoping study included a conceptual layout of the operation, evaluation and recommendation of transportation options, capital cost estimate, operating cost estimate and financial modelling.

The project's processing methodology is supported by some twenty years of metallurgical study and uses low intensity magnetic separation and flotation as the main beneficiation processes. The product throughput was nominated to produce 0.25 million dry tonnes of ilmenite concentrate and 0.04 million dry tonnes of magnetite concentrate, from an annual feed of 1.60 million tonnes.

The report was compiled to be a reference document to assist in the development of an expert report by an independent specialist.

Want To Know More?

For more information please contact our Perth office on +61 (0)8 6460 0300, email info@engenium.com.au, or visit our website www.engenium.com.au.

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