



Recovery of Scandium from Laterite-based Pig Iron Slag by Dry Digestion and Precipitation Methods

Duration: 01 April 2021 to 31 March 2023

Host Institution: Department of Environment and Natural Resources -
Mines and Geosciences Bureau (DENR-MGB)

Project Description

The study is focused on the potential recovery of Sc from slag materials adopting a promising and novel method, dry digestion, a process consisting of the addition of concentrated acid to solid materials with subsequent water leaching. From the solution, Sc will then be recovered by precipitation until the desired product, Scandium oxide, Sc_2O_3 .

Expertise Needed

- Scandium recovery from Nickel pig iron slag

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