



RARE EARTHS (clay hosted)

Independent Metallurgical Operations Pty Ltd (IMO) has significant experience in the development of clay hosted rare earth process flowsheets.

Our team has proven capabilities in the design and management of rare earth testwork programs, project development and operations throughout Australia and worldwide.

Our scope of services ranges from sample selection, ore characterisation and mineralogy, through to management of metallurgical testwork, process aspects of scoping and feasibility studies and client representation onto plant commissioning, ramp up and process plant optimisation.



EVERYTHING
METALLURGY



METALLURGY
Quality Metallurgical Testwork

PROJECT	CLIENT	OUR WORK
Circle Valley Rare Earths Project, Western Australia	Meeka Metals Ltd	Characterisation of different ionic rare earth lithologies to determine the grade and distribution of rare earth oxides within various samples of the client's ore body. Subsequent extensive leach testwork program with various concentrations of HCl, Ammonium Sulphate with Sulphuric Acid.
Mt Ridley Project, Western Australia	Mt Ridley Mines Ltd	Client representation in the form of external laboratory supervision as well as flowsheet development, data analysis and client flowsheet development recommendations. Subsequent leach testwork program management with various concentrations of HCl, Ammonium Sulphate with Sulphuric Acid.
Gascoyne Project, Western Australia	Voltaic Resources	Extensive leach testwork program with various concentrations of HCl, Ammonium Sulphate and Sulphuric Acid, to assess REE recoveries.
East Laverton Project, Western Australia	MTM Critical Metals	Particle size characterization and extensive leach testwork program on the clay fraction with various concentrations of HCl, Ammonium Sulphate and Sulphuric Acid, to assess REE recoveries.
Cloud Nine deposit, Western Australia	Latin Resources	Extensive leach testwork program with various concentrations of HCl, Ammonium Sulphate and Sulphuric Acid, to assess REE recoveries.
Merivale South Project, Western Australia	Larvotto Resources	Particle size characterization work to determine REE distribution and leach testwork to assess REE recoveries.
Stallion Project, Western Australia	Summit Minerals Ltd	Size by assay and leach testwork program to determine REE recoveries.
Roe Hills Project, Western Australia	Kairos Minerals	Metallurgical testwork on REE containing clay samples to assess the beneficiation potential and to broadly characterise rare earth mineral distribution within the Roe Hills Ore.

▶ Please contact us for more details on how we can provide you with assistance and support to your project.

www.indmetops.com.au

IMO Consulting & Operations

Independent Metallurgical Operations Pty Ltd
88 Thomas Street, West Perth, Western Australia, 6005
Phone: +61 8 9254 6900 Fax: +61 8 9322 1808
Email: imo@indmetops.com.au