



## 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
<b>Circle Valley Rare Earths Project, Western Australia</b>	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 and Ammonium Sulphate with Sulphuric Acid.
<b>Mt Ridley Project, Western Australia</b>	Mt Ridley Mines Ltd	Client representation in the form of supervision of external laboratory as well as flowsheet development, data analysis and guidance of client. Subsequent leach testwork program with various concentrations of HCL and Ammonium Sulphate with Sulphuric Acid.
<b>Gascoyne Project, Western Australia</b>	Voltaic Resources	Extensive leach testwork program with various concentrations of HCL and Ammonium Sulphate with Sulphuric Acid, to assess recoveries of REEs.
<b>East Laverton Project, Western Australia</b>	MTM Critical Metals	Particle size characterization and extensive leach testwork program on the clay fraction with various concentrations of HCL and Ammonium Sulphate with Sulphuric Acid, to assess recoveries of REEs.
<b>Cloud Nine deposit, Western Australia</b>	Latin Resources	Extensive leach testwork program with various concentrations of HCL and Ammonium Sulphate with Sulphuric Acid, to assess recoveries of REEs.
<b>Merivale South Project, Western Australia</b>	Larvotto Resources	Particle size characterization work to determine REE distribution and leach testwork to assess recoveries of REEs.
<b>Stallion Project, Western Australia</b>	Summit Minerals Ltd	Size by assay and leach testwork program to determine recoveries of REEs.

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

[www.indmetops.com.au](http://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](mailto:imo@indmetops.com.au)