



## INDUSTRIAL MINERALS

Independent Metallurgical Operations Pty Ltd (IMO) has extensive experience in the development of process flowsheets for industrial mineral deposits. Our team has significant experience in pyrometallurgical, hydrometallurgical and beneficiation processing routes.

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.



PROJECT	CLIENT	OUR WORK
<b>Tambellup Kaolin Project, Western Australia</b>	Accelerate Resources Ltd	Flowsheet development and metallurgical testwork to determine whiteness & brightness of the product of the Tambellup Kaolin project inclusive of Halloysite Determination.
<b>Hemerdon Project, United Kingdom</b>	Wolf Minerals	Completion of a 20 tonne Tin/Tungsten pilot for DFS confirmation. Further provision of client representation into engineering and design.
<b>Achmmach Project, Morocco</b>	Kasbah Resources	Development of a flotation reagent scheme for fine fin flotation, including a gravity finish, resulting in a saleable tin concentrate.
<b>Wolfram Camp, Queensland</b>	Queensland Ores/Deutsche Rohstoff Australia	Management of plant commissioning and ramp-up through to process plant management. Development and implementation of ore sorting pilot.
<b>Kirwan Tungsten Project, New Zealand</b>	Siburan Resources	Geological data review and interpretation.
<b>Diatomite Project</b>	Confidential Client	Financial analysis on plant throughput on CAPEX and OPEX. Completion of pre-feasibility engineering and management of supporting and recommended testwork.
<b>Phosphate Testing, Mount Isa, Queensland</b>	Legend International	Consultation into the plant functional design.
<b>Three Spring Talc Project, Western Australia</b>	Luzenac Australia Pty Ltd	Development of the stockpile sampling program, sample preparation and quality control techniques within the operation.
<b>Phoslock, Australia and overseas</b>	CSIRO / Water and Rivers Commission	Development of an advanced mixing design and application of a unique phosphate absorption process.
<b>Staurolite Deposit, Western Australia</b>	Spinifex Minerals	Process Design Testwork (including variability, gravity, WHIMS, DMS), as well as comprehensive interpretation of its results, Flowsheet development and Initial Process Engineering. Bulk product generation for off-take purposes.

► 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

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## INDUSTRIAL MINERALS (continued)

PROJECT	CLIENT	OUR WORK
<b>Pink Bark Project, Western Australia</b>	Allup Silica Limited	Kaolin Clay Characterisation Sighter Test Work including brightness testing.
<b>Nanoporous Silica Project, Western Australia</b>	New Energy Technology	Technical audit of the nanoporous silica raw resource proposed by Vytas for use in the On Demand Hydrogen process.
<b>Battery Recycling Project, South Australia</b>	IonDrive Technologies	Management and conduction of independent hydrometallurgical testwork on a non-lithiated pCAM feed material as a direct proof of concept comparison to the University of Adelaide Large Scale test. Furthermore, validation of the hydrometallurgical process chemistry.
<b>Mt Kokeby Kaolin Project, Western Australia</b>	Experius Group/ HPA Resources	Mt Kokeby Kaolin Characterisation Testwork, including brightness testing.

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