



BAUXITE/ALUMINA

Independent Metallurgical Operations Pty Ltd (IMO) has significant experience in the development of process flowsheets for bauxite / alumina deposits. Our team has proven capabilities in process design, technical report preparation and presentation, project development, optimisation, testwork management and commissioning.

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
Koumbia Bauxite project, Guinea	Alliance Mining Commodities Ltd (AMC)	<p>Client liaison and project/testwork management ensuring schedule and budgets were achieved.</p> <ul style="list-style-type: none"> - Bauxite XRD and Bayer Leach Assays - Generation of Bayer Digest Matrix - Quantitative XRD analysis of bauxite samples - Generation and analysis of marketing samples
Worsley Alumina, WA	South 32/ Worsley Alumina Pty Ltd	Provision of commissioning and ramp up metallurgists for commissioning and optimisation throughout entire process operations. Deficiency rectification, process flow diagram review and safety management.
Landak Bauxite Project, Indonesia	Hill Grove	Testwork scoping and management, including selection of representative bulk samples for testwork and design of beneficiation process routes based on testwork results.
Wuudagu Bauxite Project, WA	SRK Consulting	Due Diligence review and reporting for the client's Independent Technical Assessment Report for inclusion in an IPO.
Wuudagu Bauxite Project, WA	Valperlon Bulk Commodities Pty Ltd	Review of past and present testwork data conducted on the deposit and metallurgical testwork recommendation for selection, sizing and costing of a beneficiation plant.
High Alumina Iron Ore Benefication Process	Sundance Resources	Completion of Pre-Feasibility Study testwork review. Provision of support into design management including additional testwork scoping and reporting and Pilot testwork design, management and reporting.
Wandoo Bauxite Project, WA	Iron Mountain Mining	Investigation of various upgrade methods such as gravity separation, scrubbing and removal of barren coarse fractions to produce a high-grade product amenable to down stream refining.

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

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