



Duncan Bennett

Principal Consultant
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Experienced metallurgist, expert in characterising complex ore bodies, practical process development and operations management.

Expertise

- Processing and operations management
- Extensive plant experience in minerals processing and extractive metallurgy
- Geometallurgy, test programs, and orebody characterisation
- Successful process development and design solutions for complex minerals systems
- Specialist in comminution, gravity separation, flotation, and gold processing
- Process control and automation strategy development
- Metallurgical accounting systems development and audit
- Project due diligence and technical evaluation
- Experienced in copper, nickel, tin, lead, zinc, gold, silver, bismuth, lithium, and coal
- Extensive industry benchmarking experience

Background

Duncan has over 35 years' experience in mineral processing and operations in Australasia and internationally, from test work and research through to process, technical, and operations management.

Duncan has a track record of successful mineral process design, development, commissioning and improvement for a range of commodities. His approach is to fully characterise and understand the mineralogy, chemistry, mineral associations and liberation, and apply this understanding to metallurgical design and operations improvement.

Duncan has core skills in geometallurgy and orebody knowledge, comminution, gravity separation and flotation, acquired over years of operations management and process development, particularly for recovery of copper, nickel, lead, zinc, tin, gold, and silver.

These skills put Duncan at the forefront of process development and operations improvement.

Experience

Mineralis Consultants
 Principal Consultant

PanAust Ltd
 Principal Metallurgist

Metals X Ltd AUSTRALIA
 General Manager, Tasmanian Tin Operations
 Metallurgy Manager

Resolute Ltd AUSTRALIA
 Mill Superintendent

Western Mining Corporation AUSTRALIA
 Process Metallurgist

Qualifications

1988 Bachelor of Engineering (Metallurgical Engineering), Royal Melbourne Institute of Technology

2017 Graduate Diploma of Business Administration, Southern Cross University.

Associations

Fellow, Australasian Institute of Mining and Metallurgy.