



Virginia Lawson

Principal Consultant
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Works with operators to improve performance through flowsheet assessment, ore characterization, and innovative approaches for existing and new equipment.

Expertise

- Management of operations, projects and technology for minerals processing and extractive metallurgy
- Using geometallurgy and mineralogical characterization to inform test programs and design
- Flowsheet development, evaluation and improvement
- Specialist in flotation of sulphides, oxides and complex minerals systems
- Due diligence review of projects and proposals
- Design and audit of metallurgical accounting systems
- Training and mentoring technical & operations staff
- Developing and deploying new technologies
- Deep experience in copper, nickel, gold, iron, lead, coal, platinum, silver, zinc, cobalt and dolomite.

Background

Virginia has over 35 years' experience in mineral processing and operations in Australia, Canada, Africa and South America. She has developed and implemented innovative flowsheets using mineralogical evaluation, test work, pilot plants, engineering design, construction and commissioning.

Virginia's approach is to fully characterise and understand the mineralogy, chemistry and mineral texture, and apply this understanding to metallurgical design and operations improvement.

Virginia has integrated new milling and flotation technologies to improve performance of brownfield operations. She has integrated mineral processing with downstream processing of complex concentrates in gold, copper sulphides and nickel sulphides. She recently led the development of Innovative flowsheets to process oxide copper and cobalt ores.

Experience

Mineralis Consultants

Principal Consultant

Glencore Copper

General Manager Processing

Glencore Technology

Manager Jameson Cell and IsaMill technologies

XPS Canada (Xstrata Process Support)

General Manager Process Mineralogy

Vale Nickel - Canada

Manager Mineral Separation
Manager Process Technology Clarabelle Mill

Mount Isa Mines

Technical Superintendent
Project Metallurgist

Carpentaria Gold

Metallurgical Works Manager

Qualifications

1988 Bachelor of Engineering - Chemical, University of Melbourne.

Associations

Fellow, Australasian Institute of Mining and Metallurgy. Chartered Professional CP (Met)

Registered Professional Engineer of Queensland

AusIMM Metallurgical Society Chair (2022 to 2025)

Industry Advisory Positions

SMI Production Centres Advisory Board
Advisory Committee for ARC Training Centre for Integrated Operations for Complex Resources