



THE UNIVERSITY  
OF QUEENSLAND  
AUSTRALIA

# JKTech

# Geometallurgy: Bridging Geology and Mineral Processing

## Workshop Overview

Build a solid foundation of geometallurgy principles and workflows. Learn how to implement a best-practice geometallurgical program from experts providing their know-how and lessons learned following years of specialist experience. A key focus area is on the JKTech methodology, rooted in the AMIRA P843 framework, enabling participants to apply these ideas to real-world scenarios. By the end of the course, participants will understand the workflows required to design and execute a geometallurgical program using JKTech's approach.

This workshop provides a practical introduction to geometallurgy and its role in improving decision-making across the mining value chain. It is designed for professionals seeking to understand how ore characterisation can support better planning, processing, and performance.



## 2 Day MetPlant 2026 Conference Workshop

Adelaide, South Australia | 26th & 27th March | 14 PD Hours

Registration Fee \$1000 (excl GST)



# METPLANT

CONFERENCE

Adelaide: 22 - 25 Mar 2026

### Course Outline:

#### Introduction

- What is geometallurgy?
- AMIRA P843

#### Pitfalls to avoid

- What to do
- What not to do

#### Methodology and workflow

- JKTech approach

#### Sample selection

- Practical guidelines

#### Sample characterisation and testing

- Non destructive testing
- Metallurgical testing

#### Geometallurgical model development

- What makes a 'good' model?
- Tips and tricks

#### Domaining

- An outline of common methods

#### Case Studies

- Course concepts are reinforced by demonstrating their application in real-world case studies

### Course Objectives

Participants will consolidate their knowledge base in a broad range of topics including sample selection, characterisation testwork methods, and numerical modelling methods. Participants will be able to use their learnings as a framework to plan best-practice geomet programs and maximise the value of any pre-existing data/information.

### Who Should Attend

This workshop is ideal for any technical discipline at a mining operation that deals with production forecasting, planning, predicting performance or in optimising the overall mine value chain. Anyone managing an ore characterisation program or feasibility study will find this workshop insightful.

### Course Lead

Bevin Wong is a minerals processing engineer with over 20 years of operational and project experience.



As the Operations Manager at JKTech, Bevin leads a multi-disciplinary team of specialists to provide services in advisory support, metallurgical laboratory testwork, professional development, product sales and software development. Key focus areas include process mineralogy, metallurgical testwork program development, due diligence and peer review activities, scoping, pre-feasibility, Mine-to-Mill and geometallurgical studies.

Bevin will be supported by Brendon Palmer (Senior Process Specialist) and Nathan Fox (Senior Geologist).

Refreshments & lunch will be provided.

JKTech Pty Ltd

P: +61 7 3365 5842

E: [training@jktech.com.au](mailto:training@jktech.com.au)

W: [jktech.com.au/professional-development](http://jktech.com.au/professional-development)



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