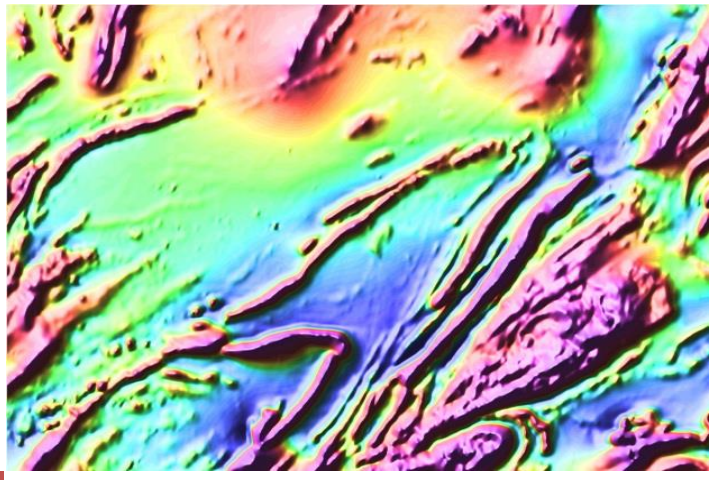
GEOPHYSICS FOR THE MINERAL EXPLORATION GEOSCIENTIST

A Short Course For Mining Industry Professionals

Course Overview

This innovative training course uses applied learning techniques and real-world mineral exploration scenarios to train participants in the key principles of interpreting geophysical data sets, without the need for complex mathematics and physics.

This course teaches participants to integrate geological and geophysical methods to optimise mineral exploration.



Why Take This Course?

The future of mineral exploration is searching for deposits undercover and geophysics will play an increasingly important role in exploration success.

Explorationists must be comfortable using geophysical data sets and understand what they can and can not tell us about the geological environment

Who Should Take This Course?

- Industry, government and student **geologists** seeking to understand how to use geophysical datasets to explore and map
- **Geophysicists** seeking to improve their interpretation skills

Course Structure

5-day Training Course

- Key aspects of geophysical exploration for minerals
- Gravity, magnetics
- Radiometrics
- Electrical and EM methods
- Seismic methods

Key Outcomes

- Capability in best-practise geophysical interpretation
- Ability to solve exploration challenges with geophysical data sets
- Understanding the capabilities and limitations of various geophysical data types
- Awareness of the importance of geophysics in the future of mineral exploration

Instructor: With more than 30 years experience in teaching, research and consulting in mineral exploration geophysics, Prof Mike Dentith is co-author of the award winning textbook, *Geophysics for the Mineral Exploration Geoscientist*, on which this course is based. He has run professional courses for industry, government and professional societies in Australia, South American, Asia and Africa.