



**USING GEOPHYSICS IN
GEOLOGICAL EXPLORATION
WORKSHOP**

12 APRIL 2019

MANDELA MINING PRECINCT, MELVILLE



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HERE**

ABOUT THE COURSE

As the Geosciences community faces the 4th Industrial Revolution and Mining 4.0, the integration of Geology, Geophysics and Geochemistry in a multi-disciplinary approach is essential for mapping and exploration under increasing cover. This course aims to provide geologists with the fundamental background of key geophysical methods which will be explained using case study examples.

This workshop brings together selected topics from the geophysical toolbox and shows their wide range of applications in mineral exploration, site investigation and aquifer mapping projects. Various aspects of the magnetic, gravity, seismic, resistivity, EM and radiometric techniques are addressed in an easy-to-understand fashion by a team of experts. The course will use examples taken from airborne, ground and borehole geophysical surveys. Pseudo-geological mapping from cluster analysis of airborne datasets is also introduced.

The full-day workshop will include tea and lunch.

Participants should bring along laptops for electronic notes.

REGISTRATION FEE

- **Member - R3750**
- **Non Member - R4500**
- **Academic - R2500**
- **Student - R1500**
- **Retired - R2000**



**8 GSSA CPD points
1 SACNASP CPD point
per day**