

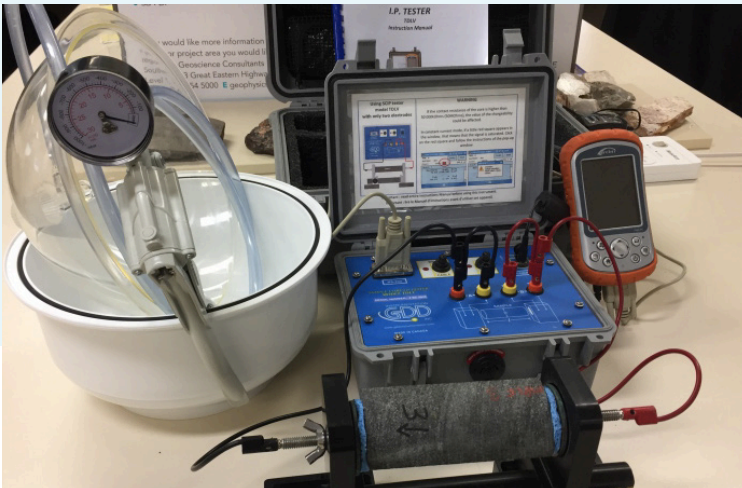


## COST-EFFECTIVE PETROPHYSICAL MEASUREMENTS FOR MINERAL EXPLORATION

SGC offers a range of equipment and in-house capabilities in the field of petrophysical testing for mineral exploration. Petrophysical measurements provide cost-effective quantitative data relating the physical property contrasts measured in common geophysical surveys. Measurements taken on drill core and grab samples can be used to determine suitable techniques for mapping and targeting, to optimise survey planning, constrain geophysical modelling and aid the interpretation of geophysical data.

### Typical measurements completed by SGC for common geophysical survey methods include:

- Magnetic Susceptibility for MAGNETIC surveys
- Specific Gravity for GRAVITY and SEISMIC surveys
- Inductive (Electromagnetic) Conductivity for EM surveys
- Galvanic (Contact) Resistivity for Resistivity and other electrical surveys
- Induced Polarisation Chargeability Response for IP surveys
- Magnetic Viscosity Measurements for screening SPM anomalies in EM survey
- Gamma Spectral Assays for Radiometric Surveys



**SGC can provide in-house testing of samples or a range of portable hand-help equipment to use on your next project site.**

### FOR FURTHER INFORMATION PLEASE VISIT OUR WEBSITE

#### Southern Geoscience Consultants - HEAD OFFICE

Level 1, 183 Great Eastern Highway, Belmont, WA 6104 Australia

T: +61(8) 6254 5000 E: [geophysics@sgc.com.au](mailto:geophysics@sgc.com.au)

#### Southern Geoscience Consultants - AMERICAS

Suite 401, 15 Toronto Street, Toronto, Ontario, M5C 2E3, Canada

T: +1 (416) 407 6355 E: [geophysics@sgc.com.au](mailto:geophysics@sgc.com.au)