



COST-EFFECTIVE PETROPHYSICAL MEASUREMENTS FOR MINERAL EXPLORATION

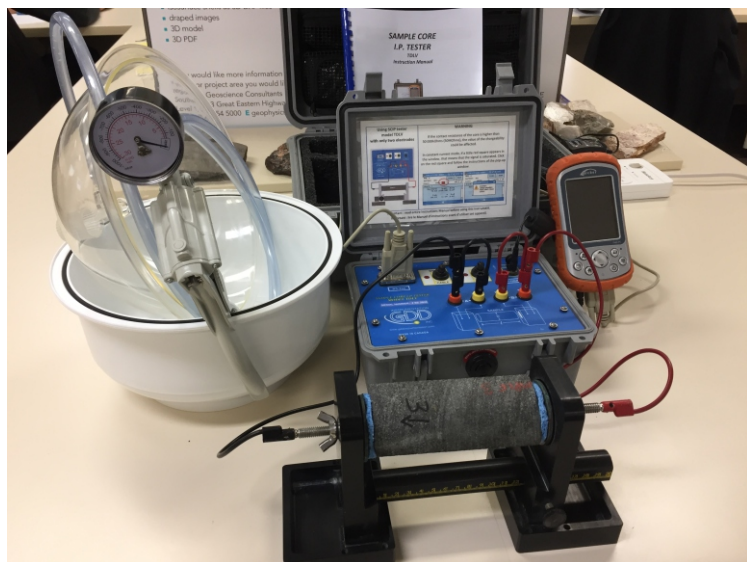
SGC offers a range of equipment and in-house capabilities in the field of petrophysical testing for mineral exploration. Petrophysical measurements provide cost-effective quantitative data relating the physical property contrasts measured in common geophysical surveys. Measurements taken on drill core 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 project site.



**For further information,
please contact us.**

Southern Geoscience Consultants
Level 1, 183 Great Eastern Highway
Belmont, WA 6104 AUSTRALIA
P.O. Box 694, Belmont WA 6984 AUSTRALIA

T +61(8) 6254 5000 F +61 (8) 6254 5099
E geophysics@sgc.com.au