



Roger Townend and Associates Consulting Mineralogists

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COMPANY OVERVIEW

Roger Townend & Associates has been trading for seventeen years, run by Dr Roger Townend, a mineralogist/petrologist involved in the industry for 50 years. Recent expansion of the business has involved the establishment of a clay laboratory.

RTA uses petrology (microscopy), SEM and XRD analyses as complementary techniques, to overcome the limits of each technique.

Industry sectors

- Metallurgy
- Base Metals
- Gold
- Iron Ore
- Rare Earths
- Uranium
- Graphite
- Aggregates
- Agricultural/Soils
- Oil & Gas
- Tailings Disposal

CLAY MINERALOGY

- Clay separation
- Oriented clay specimens
- Cation and glycerol saturation
- Heat treatments
- XRD analysis and interpretation
- TEM/SEM analysis

PETROLOGY/MINERALOGY

- Petrographic/mineragraphic descriptions
- Metallurgical recovery
- Modal analysis

SCANNING ELECTRON MICROSCOPY

- High magnification imaging
- Scanning for fine grained ores
- Mineral identification and composition

X-RAY DIFFRACTION

- Semi-quantitative or fully quantitative (Rietveld method) mineralogy

Notes