



Silvano Sommacal
Geological Consultant

Profession: Consulting, Geologist

Education: BSc, (Hons 1st Class), University of Padua, Italy
PhD, Australian National University, Australia

**Registrations/
Affiliations:** Geological Society of Australia

Specialisation: *Geological mapping, geochemistry, stable and radiogenic isotope (U-Pb zircon) geochronology, fluid inclusion microthermometry and barometry, thermodynamic and computer modelling, computer programming (Fortran 77 & 95)*

Expertise:

Silvano has a wide range of geological skills, acquired over the past 10 years, in both applied geoscience and research. As a young graduate, Silvano worked in the petroleum and environmental fields where he gained expertise in oil rig drilling operations, drilling unit management and rig safety procedures as well as detailed geological and structural mapping and geomorphology. As part of his PhD studies at the Australian National University, Silvano completed an interdisciplinary project, which combined mineralogy, geochemistry, applied mathematics and thermodynamic modelling. After completing his studies, he worked as a research fellow at ANU, focusing his research on defining the melting behaviour of the Earth and other terrestrial planets, rocky-moons and meteorites within the solar system. His work was aimed at investigating the formation of Australian mineral resources as a basis to estimate volumes and assess their potential exploitation. Silvano has excellent project management skills and is focused on commercially oriented project outcomes.

Employment Record:

2007 – Present **FrOG Tech**, Geological Consultant, Canberra Australia
2006 - 2007 **SRK Consulting**, Geological Consultant, Sydney Australia
2006 **Access Macquarie**, AuScope Project Co-ordinator, Sydney, Australia
2005 **Australian National University**, Postdoctoral Fellow, Canberra, Australia
2004 **Australian National University**, Research Assistant, Canberra, Australia
2001 - 2004 **Geoscience Australia**, Contract Geochronologist, Canberra, Australia
2000 - 2004 **Australian National University**, PhD Student, Canberra, Australia
1997 - 1998 **Geoservices International**, Hydrocarbon Logging Engineer, Paris, France
1996 - 1998 **Art Service ARL**, Environmental Education and Geology Consultant, Belluno, Italy

Languages: Italian, English, French (conversational)