



SEG Mentor

David Braxton



Contact Information

Anglo American Group Exploration and Geosciences
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Current Position and Focus (areas of research and/or interest in economic geology)

Head of Discovery Strategy, Anglo American Group
Discovery and Geosciences

Research interests include:

- Fundamental processes contributory to the formation and preservation of superior-value mineral deposits across scales
 - Tectonics and metallogenesis
 - Magmatic and hydrothermal geochemistry of porphyry and epithermal systems
 - Supergene evolution processes and geochemistry
 - Geochronology/thermochronology

Relevant Education/Work Experience

Education/thesis work

- PhD (geology) University of Tasmania; 2007: *Boyongan and Bayugo porphyry copper-gold deposits NE Mindanao, Philippines: Geology, geochemistry, and tectonic evolution*
- MSc (geology) University of Utah; 1997: *Thermo-chemical profiling within the alteration envelope: Chlorite geothermometry and mass transfer around the Au-Ag Calera vein, Orcopampa Peru*
- BA (geology) Earlham College; 1992

Work Experience in Economic Geology:

- 2015-present: Global, multi-commodity Discovery strategy and technical role.
- 2010-2015: Global, copper-focused exploration and business-development role
- 2007-2010: Base metal exploration in Africa and Australasia
- 1995-2001: Base and precious metal exploration in the Andes

Hobbies and Interests

Parenting, hiking, cycling, skiing, foreign languages, travel, mineralogy, beekeeping.

Nationality

Australian

SEG Activities (e.g. positions held, former student membership details)

SEG Fellow. Member since 1994. Active in numerous committees.

Personal Philosophy on Mentoring

Mentoring is about providing guidance, but also instilling passion and enthusiasm for the subject in others.

Languages Comfortable Communicating With

Fluent in English and Spanish. Passable German, Portuguese, and Swahili

Other Relevant Information