

Geology of GOLD course

18-22 March 2013

School of Earth Sciences, University of Melbourne



This is a 5-day course of lectures, practical sessions and a field trip, devoted to the Geology of Gold.

It is suitable for geologists in the mineral industry or government with early exploration or mining experience who want a broad coverage of gold geology as well as some of the latest research ideas and how they apply to mineral exploration.

The course also serves as an Honours and Postgraduate course for students interested in entering the mineral industry. Interaction between the various groups of participants has become a much-valued feature of the week since this course was first run in 1995.

The course covers all major types of gold deposits with emphasis on world-class greenstone-hosted and sediment-hosted orogenic gold deposits (Archaean deposits of Western Australia, Victoria). Other gold deposits covered include IOCG, porphyry, epithermal, Carlin and Witwatersrand, with discussion of current ideas on each and approaches to their exploration. An overnight field trip takes participants through the heart of the Victorian gold province visiting past goldfields and present operations.

Geochemistry, structural geology, metamorphic geology, deposit geology, regolith issues and the most appropriate exploration approaches for the different styles are covered, at a level to enable participants to take their place in industry and government teams and make a contribution in all of these areas. An emphasis of the course is on a holistic approach that uses all applicable fields of geology to address gold issues.

COURSE LEADER: Professor Neil Phillips

PRESENTERS INCLUDE: Dr Martin Hughes, Dr Andrew Tomkins, Professor Janet Hergt, Jonathan Law, Professor Dave Craw and Professor Roger Powell.

COST FOR INDUSTRY PARTICIPANTS: AUD\$950 that includes overnight field trip. Numbers will be limited due to the field component, and registrations are likely to close early.

REGISTRATION: Kerry Grieser, School of Earth Sciences, University of Melbourne

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