

THE GEOLOGICAL SOCIETY OF AUSTRALIA
Victoria Division

Next General Meeting

Thursday 25th October at 6:00 p.m.

Richard Schodde

Managing Director, MinEx Consulting and Adjunct Professor at the University of Western Australia

Room E7, Building 72, Monash University, Clayton Campus

“What’s the Future for Mineral Exploration in Australia ? ... and why we need smart geoscientists now !”

Exploration expenditures are at an all-time high – both here in Australia and overseas. This has been driven by strong commodity prices. The problem is that the rate of discovery hasn’t kept up with the level of spend. To be sustainable, the industry needs to be more effective and efficient.

In his talk Richard will review the recent trends in exploration to paint a picture of what the future might look like for the industry – both in terms of the commodities and targets of interest, which companies (Majors or Juniors) will be doing the exploration and the search methods used. He will identify where the “hot spots” for exploration are around the world and assess the key drivers behind whether Australia will get a larger/smaller share of the global spend.

The talk will be draw on a recent report written by Richard Schodde and Professor Pedro Guj, from the Centre of Exploration Targeting at UWA titled ‘Where are Australia’s Mines of Tomorrow?’. A copy of this report can be downloaded at:

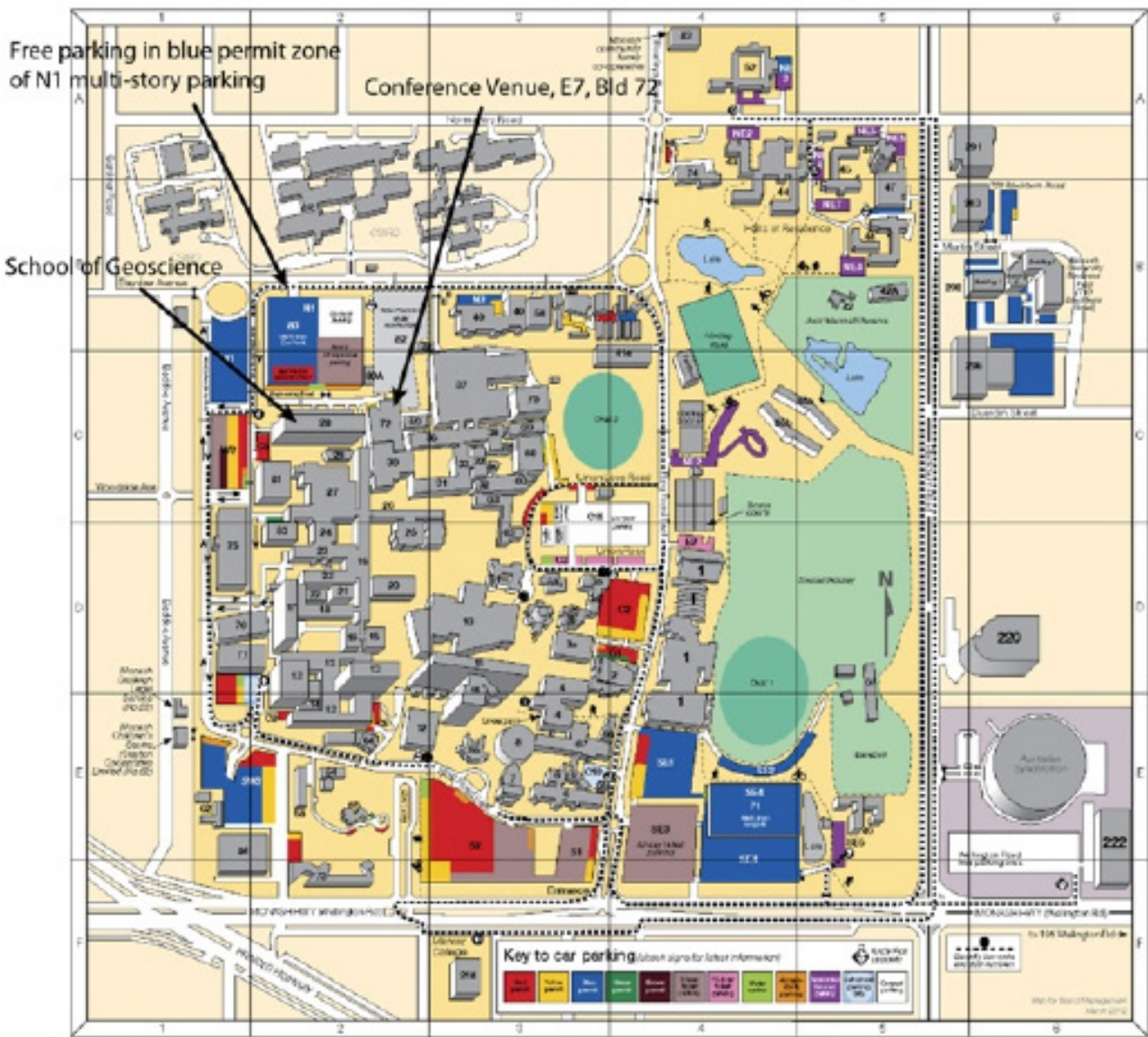
<http://www.cet.edu.au/news-and-media/news/news-details/2012/09/07/-where-are-australia’s-mines-of-tomorrow->

VENUE CHANGE!!!

ATTENTION ALL MEMBERS:

This month, the GSAV monthly meeting will be held at Monash University's Clayton Campus to coincide with the 25th Victorian Universities Earth and Environmental Sciences Conference (VUEESC 2012).

The Conference will be held in E7 in Building 72 (see below map) at 6pm



A NOTE ON THE SPEAKER

Richard Schodde has over 30 years experience in a wide variety of project analysis, business development and strategic planning roles within the international resources industry – including 15 years at WMC and, more recently, 4 years at BHP Billiton.

In 2008 Richard founded MinEx Consulting to provide strategic advice to industry and government on the economics of mineral exploration. These include companies and government agencies both here in Australia as well as overseas.

From his work Richard has developed a deep understanding of the drivers behind mineral exploration and the associated economic and business risks of mining. This underpins his work in helping companies identify how to make money out exploration.

In 2009 he was appointed an Adjunct Professor at the School of Earth Sciences at the University of Western Australia. Over this time he has published and presented several papers on exploration performance. From this he is internationally recognized by his peers as a world leader in mineral economics.

Richard holds an Honours Degree in Materials Engineering and a MBA. He serves on a number of industry committees including the AusIMM, and the Melbourne Mining Club. He is also a member of the SEG, SME and PDAC.

STAVCON 2012

Helpers needed at the Science Teachers Association of Victoria Conference (STAVCON) at Latrobe University on Thursday 29 and Friday 30 November 2012. For anyone who can help on the stall we are sharing with PESA.

This is an opportunity to talk to practicing teachers of science and convince them that geology is a great part of science. If you can help (even an hour of help is useful) please contact Susan White 93284154 or 0418320413 or by email susanqwhite@netspace.net.au.

THE 2012 SELWYN MEDALLIST**CHARLES LAWRENCE**

Charles Lawrence has made major contributions to Victorian geology, including the development and formalization of a stratigraphic framework for the geology of the Mallee of northwestern Victoria. This remains the basis for understanding and interpreting the geology and hydrogeology of the region and enabled the production of the geological map series of northern Victoria covering the Riverine Plain and the Mallee.

He has contributed to major hydrogeological research and has been successfully involved over many years in the development and advancement of the geological profession, initially in the Geological Survey of Victoria, and later in the teaching and

supervision of research in hydrogeology at the University of Melbourne. This has included the organisation and delivery of professional hydrogeology courses and mentoring of a great number of young hydrogeologists. He has been involved in research and teaching of hydrogeology in Chile and Argentina through the overseas work of Geoscience Australia.

His hydrogeological research has covered a broad range of groundwater evaluation including the salinization of the Murray Basin, groundwater contamination, and desert studies in Australia, Argentina and Chile. He has collaborated with overseas organisations in Argentina and Mexico. He was the Chief Investigator in 2007 on the information and data exchange related

to research into hydrogeology of the Otway Basin for the Corangamite Catchment Management Authority.

Charles Lawrence has made an important contribution into the long neglected mapping, stratigraphy and the economic potential of the Victorian side of the Murray Basin. At a time in which water resource management had hardly begun to understand the potential of groundwater resources, his work established the baseline references against which modern understanding of those resources is still premised today. He built on that work to become a national and international ambassador for water conservation. He was inspirational in leading to successive stages defining the long misunderstood dynamics between surface and groundwater dynamics.



The Selwyn Medal is named in honour of Sir Alfred Selwyn, an eminent Victorian pioneering geologist and founder of the Geological Survey of Victoria. It is awarded, usually yearly, to recognise significant ongoing or former contributions of high calibre to any field of Victorian geology. A candidate for this medal should have made a major contribution to new knowledge of the geology of Victoria, or a significant reinterpretation of it based on critical observations, or has contributed importantly to a major mineral or oil discovery, or have produced important geological publications or have been involved successfully in the development of the geological profession.

STUDENT FUNDING OPPORTUNITIES

Geological Society of Australia (Victoria Division) Student Research Scholarships

The GSAV are pleased to offer up to \$10,000 per year in scholarships available to honours and postgraduate students for assistance with travel costs associated with conferences and field work.

The scholarship is valued at up to \$500 for travel within Australia and \$700 for travel outside of Australia. The number of and value of the scholarships awarded each year is made at the discretion of the GSA(Vic) committee.



Funding will not be granted retrospectively and applicants are asked to submit forms no later than 6 weeks prior to their trip to give the committee time to consider the application.

Students that receive this scholarship are required to submit a report for publication in the newsletter, "The Victorian Geologist", following their trip. A presentation may also be requested by the committee, which will consist of a short, 10-15 minute presentation prior to the monthly seminar.

Applications forms can be scanned and emailed to: secretary@vic.gsa.org.au

or mailed to:

Geology Research Scholarships Victoria
Geological Society of Australia (Victoria Division)
GPO Box 2355
Melbourne VIC 3001

More information including eligibility criteria can be found on the form and by contacting Barbara Wagstaff (wagstaff@unimelb.edu.au)

Something interesting to share? Want to see your name in print?

Don't be bashful, contribute to the GSA(V) monthly newsletter!

If there are any events, happenings, news, or views that would be of interest to the membership, please send your details and information to Matt Bliss at mbliss@student.unimelb.edu.au

We'd be glad to hear from you

FORTHCOMING SEMINARS AND EVENTS

to be presented at
GSA (Victoria Division) meetings

Note: unless otherwise indicated, all 2011 talks will be held in the
Fritz Loewe Theatre, Earth Sciences Building, University of Melbourne.

November 29th

TBA

Please join the GSAV in welcoming our new members

No new members



Visit the GSAV on www.vic.gsa.org.au or the GSA on www.gsa.org.au
• Renewing your GSA membership is easy - it can now be done online. •

CONSIDER CONTRIBUTING TO TAG!

It is member contributions which make
TAG a member magazine – please keep the
contributions coming and assist with informing
all of the membership (not just your Division)
about your activities.

Please send your news to: tag@gsa.org.au



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Newsletter deadline:

First Friday of the month except Dec & Jan
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