



# S . M . E . D . G .



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## SYDNEY MINERAL EXPLORATION DISCUSSION GROUP

# NOTICE OF MEETING

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**DATE:** Thursday 22<sup>nd</sup> June 2006 - 5.30pm for 6pm

**VENUE:** 3rd Floor, Rugby Club, Rugby (Crane) Place, Sydney

**SPEAKER:** Bob Ilchik

**TOPIC:** “The Carlin Enigmas”

Carlin-type gold deposits are a newly recognised class of ore deposits. First discovered in Nevada in the early 1960's, these deposits with a resource of over 200 M oz, defied discovery through several great gold rushes. Now they have been found in several other regions of the globe, but the subtlety of their alteration and a lack of an accepted model for their formation continue to make them one of the big enigmas in economic geology.

Born and educated in Nevada, Bob began working on Carlin-type deposits in the late 1970's. Earning an MSc and PhD at the University of California, Berkeley and Los Angeles, he was an early documenter of the systems and developed computer models of the processes underlying ore formation. Since then Bob has worked on these deposits in Central Asia and China, as well as on a number of porphyry-related gold systems.

**Midyear cruise:** The mid year harbour cruise will be held on:  
Friday 30<sup>th</sup> June  
Bookings will open soon. Please check the SMEDG web site for details

**Web page:** Check the SMEDG web page for more details <http://smedg.org.au>

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### Organising Committee:

Steve Collins 9489 6836    Lindsay Gilligan 9858 3863    Phil Hellman    Tim McConachie 0411 504512    Ian Neuss    Kim Stanton-Cook 9482 8833    Chris Torrey