



# SMEDG

SYDNEY MINERAL EXPLORATION DISCUSSION GROUP

**Technical Meeting - 5.30 for 6.00 pm Thursday June 13 at Club York and on Zoom, and sponsored by Saint Gabriel. This is in addition to our usual meeting, which will be held on Thursday June 27. Registrations will be required for Zoom through this [link](#). Note that this will be in the format of a webinar, rather than the usual Zoom meeting format.**

**Ralph Stagg will be speaking on:**

**The Geology and Mineral Resources of the Kingdom of Saudi Arabia.**



Synopsis:

The Kingdom of Saudi Arabia is primarily known for its oil production; however, it also possesses significant mineral resources, both metallic and non-metallic. A major part of the geology includes the significantly underexplored Neoproterozoic Arabian Shield, which is part of the larger Arabian Nubian Shield that extends into Yemen, Egypt, and Jordan. The

Arabian Shield, with an area comparable to the Yilgarn Craton of Western Australia, has seen limited modern exploration. Most work was conducted from the 1960s to the 1980s, including extensive mapping programs by the USGS and BRGM, forming a robust foundation for further exploration.

Since then, additional work, including efforts by local companies such as Ma'aden and AMAK, has uncovered significant deposits of gold, copper, and zinc, highlighting the region's potential. The main mineralization styles in the Arabian Shield include orogenic, VHMS, and epithermal. Among foreign companies, Citadel Resource Group achieved notable success with the Jabal Sayid VHMS discovery and its subsequent development, in which Ralph played a significant role. Citadel was acquired by Equinox Minerals in 2010 for A\$1.25 billion. Equinox was later taken over by Barrick, and Jabal Sayid is now operated as a 50/50 joint venture between Barrick and Ma'aden.

In addition to oil, the Palaeozoic and younger platform rocks in the east of Saudi Arabia show potential for bauxite and phosphates, as well as possibly Mississippi Valley-type Pb-Zn deposits.

Recognizing this potential, the Government of the Kingdom of Saudi Arabia has initiated a strategy to attract foreign investment into the mineral resources exploration and development sector. One aspect of this is the tendering of selected exploration blocks. These tenders are not based on monetary bids; instead, successful candidates are chosen based on technical and social criteria, including proposed work programs.

#### Brief Bio:

In recent years, Ralph has mostly been involved in project and operations management, feasibility studies, project evaluation and development as well as client advice. He has more than forty-five years' experience in economic geology including project generation, exploration planning, managerial experience in listed and unlisted exploration, mining and engineering companies, and preparation of ore reserve estimations, valuations, experts' reports and technical studies. This work has been carried out over a wide range of precious metals, metalliferous and industrial minerals projects in Australia, South-East Asia, the United Kingdom, Africa and Arabia.



About our sponsor -Saint Gabrie

Saint Gabriel is an independent corporate finance and advisory firm that assists both public and private sectors in identifying the optimal strategies and structures for their growth and capital needs.

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Linkedin: [Saint Gabriel - LinkedIn](#)

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**Upcoming events (may be changed or extra events may arise - keep an eye on the website, as well as emails):**

- **Regular meetings (4th Thursday of the month, may be changed if necessary) - June 27, July 25, August 22, September 26, October 24, November 28 - note that the March and April meetings will be held on the 3rd Thursdays due to Easter and Anzac Day respectively**
- **Winter Harbour Cruise - Friday June 28**
- **David Timms Christmas Harbour Cruise - Friday December 15**
- **Mines and Wines, Albury - Thursday September 5 to Friday September 6, with optional field visits and wine tour before and after. Details on the Mines and Wines [website](#)**
- **Mineral Industry Group North Sydney (MIGNS, a SMEDG subsidiary) Friday lunches, generally on the first Friday of the month at Arrin Thai in Milsons Point - if you wish to be included in the WhatsApp group for lunch notifications please contact Murray Hutton at Geos Mining**

[SMEDG website](#)

- **A treasure trove of current and historic information, including updated events schedules - well worth exploring!**

## Club York and Regular Meetings

- Regular SMEDG meetings are held in the Club York Function Centre, located on Level 2 of the Club, 95-99 York Street, just north of the Market Street intersection.
- These are also broadcast through Zoom, for which registration is required, with details on the notice of meeting email
- Entry is usually through the lifts located in the building foyer immediately to the left (south) of the Club entrance, however if for some reason the lifts are locked, entry can be gained through the Club - just let the concierge know that you are attending a function, and you will be let through. After meeting dinners are usually held at the Zabou Bistro on Level 1, however we sometimes go to Primi Italian for pizza on the ground floor.
- The bar is open at meetings, and we shout each attendee one drink upon arrival.

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