



SMEDG
SYDNEY MINERAL EXPLORATION DISCUSSION GROUP

We look forward to seeing you at what will be a very interesting April 2024 technical meeting, to be held at 5.30 for 6.00 pm at the Club York Function Centre, Level 2, 95-99 York Street, Sydney on Thursday April 18, 2024. As usual the talk will be followed by dinner. Note that this is a week earlier than the usual 4th Thursday of the month. This will also be broadcast on Zoom, with registration (for Zoom only) required [here](#). After registering you will receive an email with the Zoom meeting details.

**The speaker is:
Graham Lee**

Who will be speaking on:

**A NECESSARY PART OF YOUR LIFE – SYDNEY
CONSTRUCTION MATERIALS FROM THE
ILLAWARRA and SOUTHERN HIGHLANDS**



Talk Precis

The presentation will consider the Sydney aggregates supply industry and its importance to all of us in our daily lives. We will look at supply coming from the regions to the south of Sydney; location of operations, various uses, and impact of transport distance exceeding 200 km for some producers.

The talk will cover the following aspects of this vital industry:

Review Coarse Aggregates produced from rock, including:

- *The operators and material types/products, and specifications.*
- *Consider the geology of Illawarra and Southern Highland regions and the impact on products and quality (grade).*
- *Look at case studies of resource investigations.*

Review Fine Aggregates produced from sand and crushed rock, including:

- *The operators and material types/products, both natural and manufactured.*

Consider the importance of transport, and the ability to locate replacement resources and some of the difficulties encountered.

Brief biographical notes - Graham Lee BSc UNSW.

Graham has worked as a geologist. He initially spent 8 years with ACI Technical Centre Pty Ltd working on glass raw materials having been offered a position in early 1969 by Peter Stitt. This was followed by many years consulting with Peter Stitt and Associates Pty Ltd, before setting up his own consultancy practice. In all, Graham has more than 50 years of experience in the geological, technical assessment, and evaluation of various industrial minerals and construction materials. Much of that work has focussed on determination of resources and reserves for various client projects.

His experience includes construction aggregates (both hard rock and unconsolidated deposits), cement making materials, mineral sands, and glass and ceramic raw materials. As an independent

consultant, Graham has provided advice to clients with construction material operations including Cement Australia Pty Ltd, Holcim (Australia) Pty Ltd, Cleary Bros (Bombo) Pty Ltd, and Australian Resource Development Group Pty Ltd.

Graham is a Fellow of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists (MAIG).

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) - April 18, May 23, June 27, July 25, August 22, September 26, October 24, November 28 - note that the April meeting will be held on the 3rd Thursday due to Anzac Day
- 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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