
THE WATERHOUSE CLUB
invites you to a one day expedition**“GRANITES AND GLACIERS”**
Sunday 20th October 19 – 9.30 am to 3.00pm

This expedition will reveal intriguing insights into the origins of the stunning landscapes of the southern Fleurieu Peninsula where grey metamorphic rocks are exposed in natural outcrops, road cuttings and along the coastline. They are the Kanmantoo Group and were deposited into a rapidly subsiding ocean basin as fine grained sand and silt eroded from large land masses to the west and south in the Cambrian Period about 520 million years ago.¹

We are privileged to have Adjunct Professor Jim Jago (Honorary Research Associate South Australian Museum), a long standing supporter of the Waterhouse Club, to lead us on a geological investigation through The Bluff, Victor Harbour, and Port Elliot. Jim will take us back in time and space at various locations to almost 520 million years ago. The granites formed as molten intrusions 5-10 km below the surface of the Earth where they intruded into the ancient siltstones and sandstones of the Kanmantoo Group that later became the Fleurieu Peninsula. We will hear of their journey to the surface of the land, their sculpture by glaciers 250-280 million years ago and ultimate exposure by subsequent climatic events.

Our Program

- 9.30 am We will meet at Glacier Rock, on the Inman Valley Road, about half way between Yankalilla and Victor Harbor. Make your own way there via Yankalilla or Victor Harbor. Allow about 1 to 1-1/4 hours from the start of the Southern Expressway for your travel to Glacier Rock. From here we will travel in convoy on to Pt Elliott for morning tea. Heading down The Strand, our next stop will be the Pt Elliot coastline where Jim will explain the evidence of several distinctly different geological processes.
- About 12.30 pm Lunch will be served at Whalers Inn, overlooking the scenic beauty of Encounter Bay. A 2 course meal and a healthy amount of local wines will be served. After lunch Jim will lead us to various sites around The Bluff with interpretation of the landscape along the way. This will involve a leisurely walk along the bottom road of the Bluff, and then travelling in convey to Petrel Cove.
- 3.00 pm Our expedition concludes.
- Finally, before heading home Consider a visit to the *Strand Gallery* established by Waterhouse Club members Sonya Hender and Ron Langman. The Gallery is located in the recently renovated 100 year old Port Elliot Post Office building. The works of local artists are exhibited including Ron's photographic exhibition featuring the unique landscapes of the region. Next door, in the Thunderbolt Restaurant, you might like to enjoy a coffee before you make your way back home or on to your next destination.

Book now – Places are limited!

The cost of the expedition is \$110.00 per member and \$120.00 for non-members including morning tea, and lunch served with local wines. Further information including maps, geological notes, and what to bring will be sent to you prior to the expedition. A booking form is attached.

Please contact the Waterhouse Club Office or the Expedition Leaders if you would like further information.

MARGIE AND DON HEYLEN, EXPEDITION LEADERS.**Mobile: Margie: 0419 818 166**

¹ Geological Society of Australia, South Australian Division, *Victor Harbor Geological Trail*, 2012

BOOKING REQUEST: GRANITES AND GLACIERS – Sunday 20th October 2019

As we have received more expressions of interest than places we are able to offer, bookings will be held open until 13 September and if more bookings are received than places available a ballot will be held.

Note: Members will receive priority.

You will be advised of the outcome and asked to forward your payment to the Club within one week.

Whilst this is a very happy place for the Club to be we know that some members may be disappointed. We would therefore appreciate if you could let us know as soon as possible if you are not intending to proceed with a booking request for this expedition.

Please do not send your payment with this booking form.

I/we wish to make a booking request for *Granite and Glaciers* (Cost: \$110 per member and/or, \$120 per non-member).

Name/s:.....

Home phone Mobile

Email:

Or postal address.....

In Case of an Emergency please notify:

Name :.....

Contact number:

Address:.....

Please advise of any specific dietary requirements:

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If you have any medical condition we should be aware of please let us know:

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Further information will be forwarded to you prior to the expedition date.