



The  
Geological  
Society

servicing science & profession  
英國地質學會香港分部



## TECHNICAL SITE VISIT THE NINEPIN GROUP

Date: Sunday 21<sup>st</sup> September 2014

Time: 9.30 – approx.16:00

Gathering Point: Central Public Pier No. 9, Central (see map attached)  
Late comers will not be entertained.

Site Visit Fee: Free of charge. The transportation for this event is kindly being sponsored by **Ove Arup & Partners International Ltd.**

Registration: Prior registration is required. Number of attendees is limited to 20 and the applications will be accepted on a first-come, first-served basis, with priority given to Fellows of HKRG GSL. Attendance CPD certificates will be provided after the site visit.

For registration, please complete the enclosed form and return to Ms. Kitty Chan by email ([kitty.chan@arup.com](mailto:kitty.chan@arup.com)) on or before 10<sup>th</sup> September 2014. Successful applicants will be informed one week prior to the event.

Note:

- This event is subject to weather conditions and may be cancelled or the destination changed at short notice in the event of rough seas and / or adverse weather.
- Please bring your own lunch.

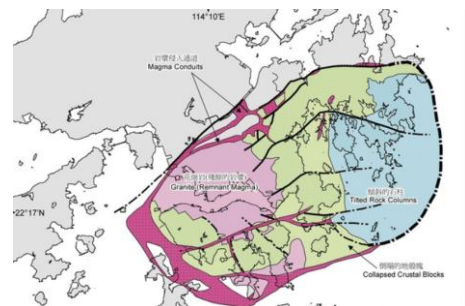
### Introduction:

The Ninepin Group (Kwo Chau Islands) forms one of the Geoparks in Hong Kong and includes South Ninepin Island, North Ninepin Island and East Ninepin Island, along with several small rock islands.

Amongst the group, the extremely uniform hexagonal rock columns at the North Ninepin are one of the most spectacular landforms and attract thousands of visitors every year.

These columnar jointed volcanic rocks could date back to the age of about 140 million years ago. These rock islands were believed to be formed by a major catastrophic volcanic eruption during which vast amount of volcanic ash were erupted and resulted in building up of thick layers of tuff. When the eruption came to the end, the tuff contracted during cooling. The cooling joints within the tuff forms vertically and gradually became the magnificent rugged landscape we see today.

Dr. Rod Sewell of the Hong Kong Geological Survey has kindly agreed to join this trip in order to provide an overview of the geological history of the Ninepins and the supervolcano that led to their existence. If the conditions allow we may be able to land and can have a closer look on these remarkable landforms.



### Safety Requirements:

All attendees should comply with the safety guidelines for the junk trip. Safety vest will be provided on board. (Please note that neither the Society nor the parties concerned accept any liability in connection with the above event)



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## REGISTRATION FORM

Event: Technical Site Visit to the Ninepin Group

Time: 9:30 am – 4:00 pm, 21<sup>st</sup> September 2014 (Sunday)

Meeting Location: Central Public Pier No. 9

Name of Participant(s): (Mr/Ms/Dr/Prof)\* \_\_\_\_\_

Company: \_\_\_\_\_

Position: \_\_\_\_\_

GSL Fellow: Yes/ No \*

Membership No: \_\_\_\_\_

Mobile No.: \_\_\_\_\_

E-mail: \_\_\_\_\_

*Please circle the appropriate option*

I, ..... (name in full in capital letters), accept personal responsibility for any accidents, injury or illness to me or damage to or loss of my property howsoever arising from the Event as a result of my voluntary participation in this Event. I further understand and accept that neither the Hong Kong Regional Group of the Geological Society of London, nor any of its members, nor the leader nor any other related organization shall accept any responsibility for accidents, injury or illness to me or damage to or loss of my property howsoever arising from the Event. I acknowledge that I will participate in the Event entirely at my own risk.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

For registration, please complete this form and return to Ms. Kitty Chan by email ([kitty.chan@arup.com](mailto:kitty.chan@arup.com)) on or before 10<sup>th</sup> September 2014.

Gathering Location: Central Public Pier No. 9  
Gathering Time: 9:20 am  
Departure Time: 9:30 am

**Location Plan**

