



香港地貌岩石保育協會
Association for Geoconservation, Hong Kong

26 March, 2024

Circulation:

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URGENT

Dear Sirs/Madams,

Lau Fau Shan- Land Use Review Study

COMMENTS

The Association for Geoconservation, Hong Kong (AGHK) was founded in 2007 as a conservation NGO with the primary objectives of conserving the valuable geological heritage and landscape of Hong Kong; to disseminate scientific information of our earth; to promote sustainable geotourism and eco-tourism as well as to make Hong Kong a better place to live.

Geodiversity, Geoheritage, Geoconservation

The concepts of “Geodiversity” and “Geoconservation” have become a key focus for nature conservation. This is reflected by various resolutions by the International Union for Conservation of Nature (IUCN) since 2008. Furthermore, in 2021 UNESCO designated 6 October of every year to be the International Geodiversity Day. In Hong Kong, the importance of geoconservation is becoming well appreciated with the designation of Hong Kong UNESCO Global Geopark.

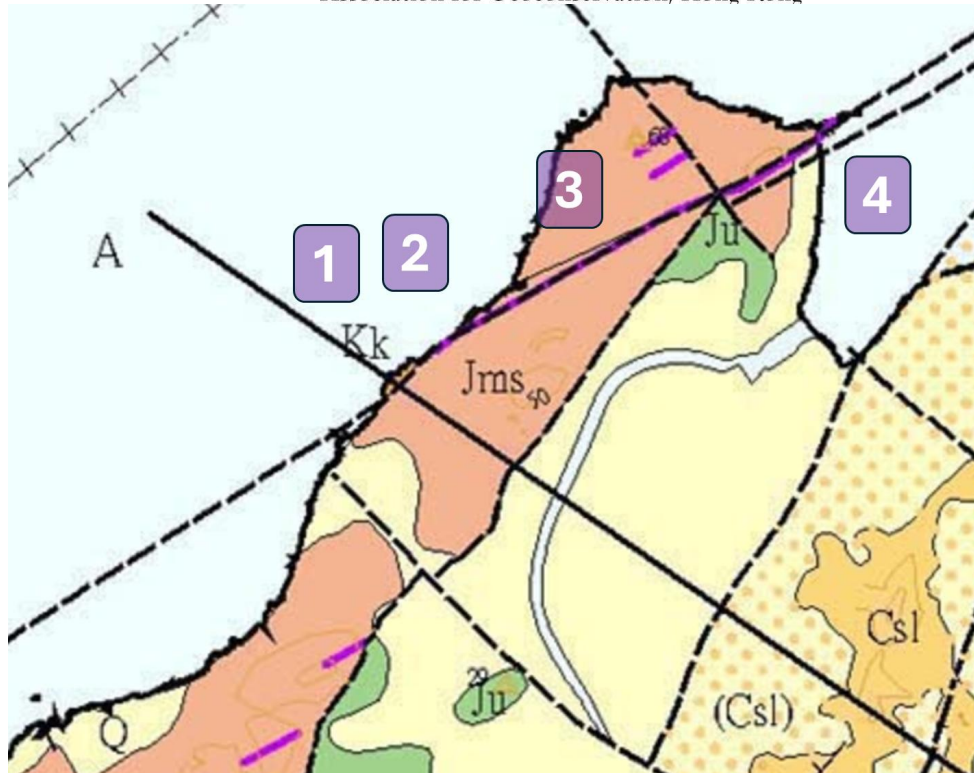
Geodiversity and Geoconservation

While many advanced countries have now been mapping “Geosites” and increasingly incorporated Geodiversity into their planning process, the concepts of Geodiversity and Geoconservation have not been considered at all in Environmental Impact Assessment (EIA) in Hong Kong. Current Landscape and Visual Impact Assessment (LVIA) is grossly inadequate in both depth and scientific basis in assessing development impacts on our natural environment.

Geodiversity at Lau Fau Shan

Although Lau Fau Shan is a low-lying area, there is rich and interesting geodiversity including:

- Exposure of the Tuen Mun Formation
- Extensive altered rock formation
- Outcrops of fault lines
- A large quartz vein
- A stretch of Upper Cretaceous sedimentary formation along the shorelines



1. Upper Cretaceous "Kat O" Formation
 2. Fault scarp exposure along shore (inferred)
 3. Wide quartz vein along fault line
 4. Fault scarps and Tuen Mun Formation (inferred)
- (source of map: CEDD online geological map)



Northeast-trending fault scarp of Deep Bay Fault, Lau Fau Shan
(source: CEDD Geological Landscape)



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Recommendations

We recommend that Geodiversity is given the earliest attention into the planning of the proposed development at Lau Fau Shan. This would cover:

- Review of geodiversity resources
- Compilation of inventory and classification
- Conservation plan under the development
- Integration into landscape and biodiversity strategy

We look forward to your positive feedback. In addition, we would be pleased to be included in your list of groups for consultation in the future.

Best regards,

(As signed)

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