Annex F

Replacement Page of Preliminary Geotechnical Appraisal and Foundation Proposal



2.2 Geological Map

According to the 1:20,000 scale HGM20 Series Solid and Superficial Geology Map Sheet 06 published by the Geotechnical Engineering Office (2nd Edition; GEO, 2019), the site is underlain by Alluvium comprising well-sorted to semi-sorted clay/silt, sand and gravel during the Pleistocene and Holocene epoch of the Quaternary era from Fanling Formation. There is also intertidal deposits of silt, sand and clay from Hang Hau formation in Holocene Era can also be found at the superficial deposits.

From the solid geology, refer to the 1:20,000 scale geological map Sheet 6 (2nd Edition; GEO, 2019), it is observed that the site is underlain by marble clast-bearing rocks of the Tuen Mun Formation. The same is also underlain by grey to dark grey, fine- to medium-grained crystalline marble with minor chert and white and pale grey, medium to coarse-grained crystalline marble. The site is also surrounded by fault in both NE and NW direction with dip angle of around 40-50 degree.

Detail of the geological map refers to Appendix A.