



Based on the map of Soil & Superficial Geology, Sheet 6 (Series HGM20), 1988-1 ed., from Geotechnical Control Office, HK.

SUPERFICIAL DEPOSITS		GENETIC CLASSIFICATION	PRINCIPAL MATERIALS
QUATERNARY HOLOCENE AND PLEISTOCENE FORMATION	Beach deposits	Qb	Sand
	Raised beach deposits	Qbs	Sand
	Alluvium	Qa	Clay/silt, sand and gravel well-sorted to semi-sorted
		Qm	Unsorted, mainly dark grey marine mud
		ms	Marine sand, silt, silty
		Qd	Unsorted sand, gravel, cobbles and boulders; clay/silt matrix
		Qpd	Clay/silt, gravelly sandy, well-sorted to semi-sorted silt/sand, clayey with cobbles and boulders, unsorted
SOLID GEOLOGY			
SEDIMENTARY AND VOLCANIC ROCKS			
NAMED ROCK DIVISIONS		PRINCIPAL ROCK TYPES/CHARACTERS	
MESOZOIC UPPER JURASSIC AND LOWER CRETACEOUS VOLCANIC GROUP	Tuen Mun Formation, undivided	JTU	Andesite with tuff and tuffite
		bt	Block-bearing tuff and tuffite
MESOZOIC MIOCENE AND PALEOGENE DETRITIC		gf	Fine-grained granite, 0.66-2mm
		glt	Fine to medium-grained granite
		gm	Medium-grained granite, 2-6mm
TERTIARY MESOZOIC DETRITIC		bs	Basalt
		qt	Quartzitic tuffite
		qs	Quartz
METAMORPHIC ROCKS			
		my	Mylonite
		sch	Schist

Limit of Impact

Figure 9.21 Geologic Map of the Proposed Deep Bay Link Area