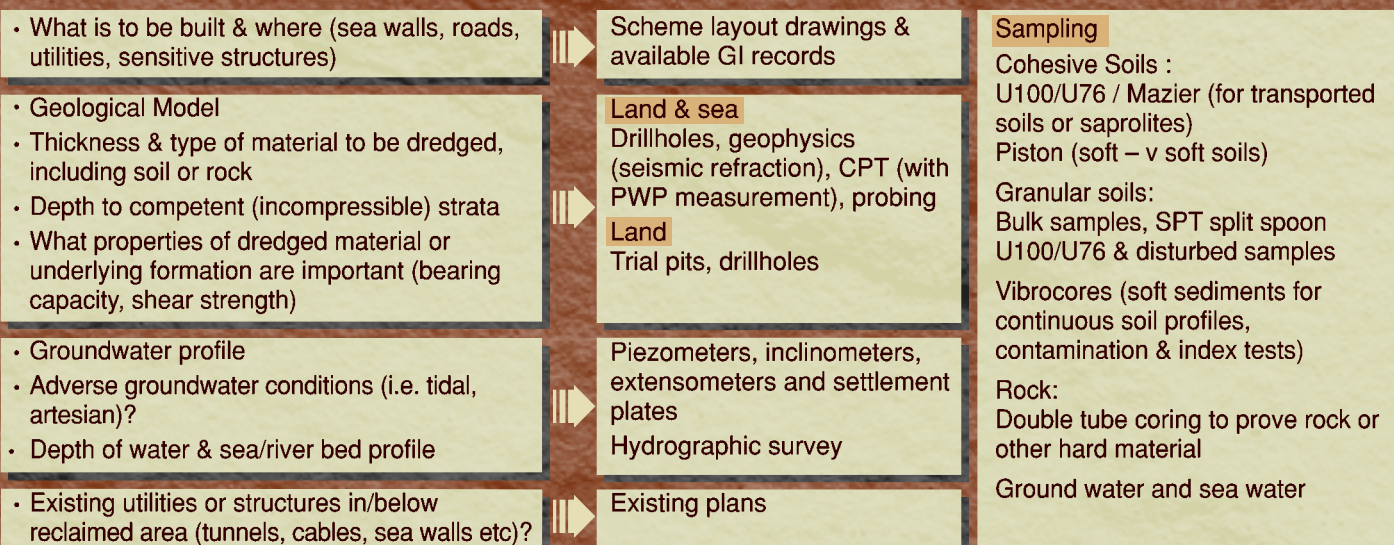


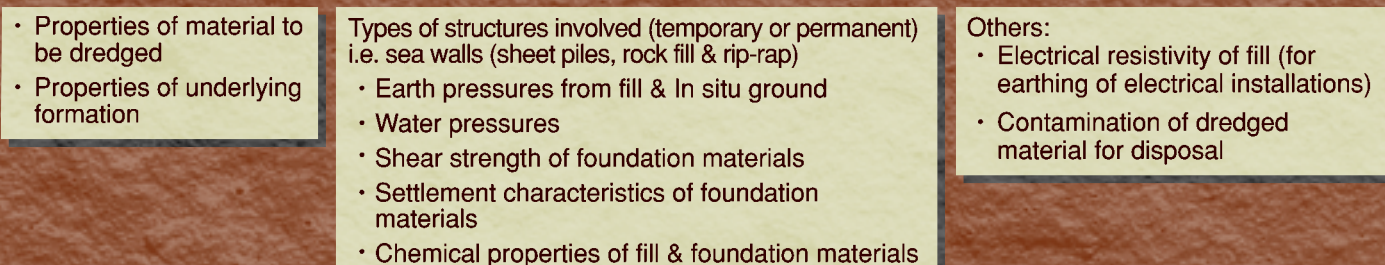
GROUND INVESTIGATION GUIDELINES 04.2 - RECLAMATION

What do we need to know?

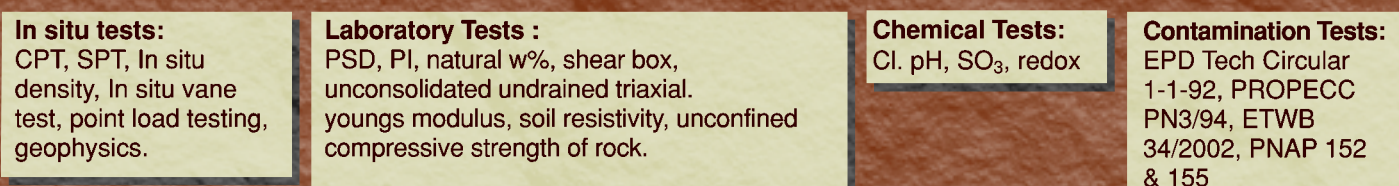
General Information Needed



Typical Properties to be Determined



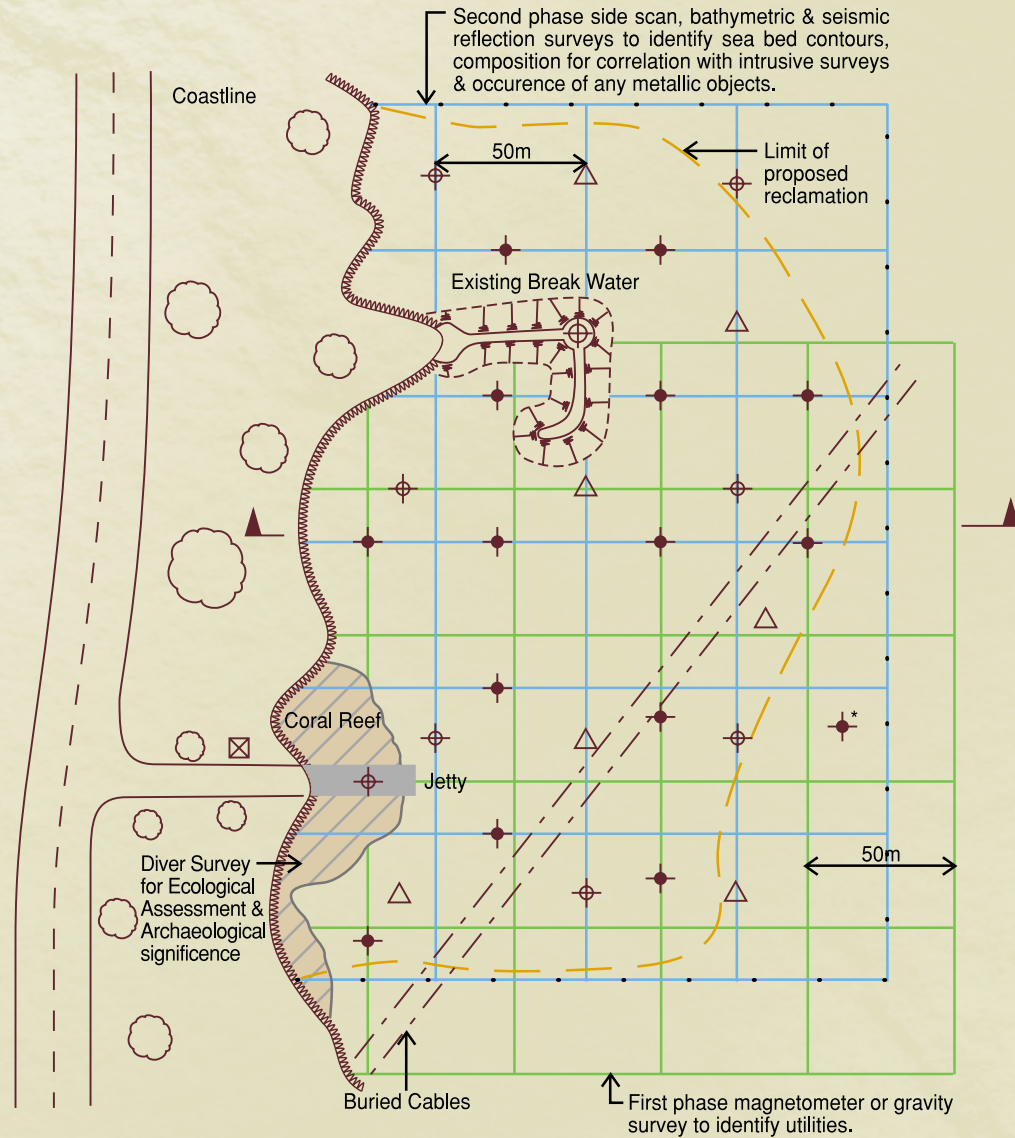
Typical Required Design Parameters



Notes: 1. Fill for reclamation is generally sourced by contractor. Any required properties or restrictions for the fill should be specified by the designer. For Hong Kong projects the designer should liaise with the Port Works Division of GEO on the use of Public Fill.
2. See overleaf for information on marine mud disposal.

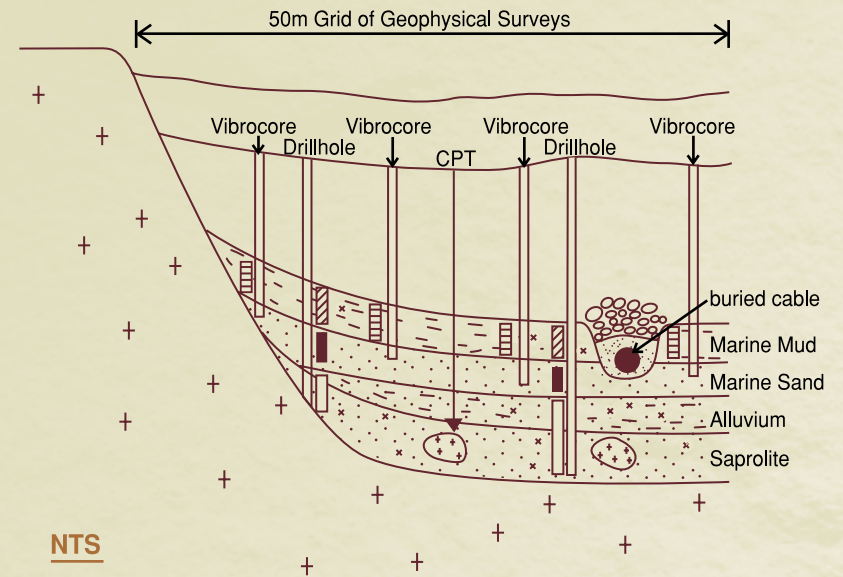
Reclamation Investigations

Typical Plan



NTS

Typical Section



Legend - Section

- Pistons with Borehole Vanes.
- Maziers with SPT's.
- U100's with SPT's.
- 100mm subsamples obtained over range.

Notes Marine mud disposal requires both an allocation license from EPD for an appropriate marine dumping site and a subsequent disposal license

Legend - Plan

- Drillholes to prove CD Soils – U100 / Pistons / Maziers, SPT's / borehole vanes.
- CPT's to refusal – Piezocones with dissipation tests undertaken.
- Vibrocores in marine mud for assessment of dredged volume and for disposal licence at a marine dumping site – subsamples taken at sea bed, 0.9, 1.9, 2.9, and at 3m centre thereafter (*additional vibrocore for 'Reference Material' for laboratory tests).