

**Table 1 - Grain Size Description and Classification of Rocks and Superficial Deposits in Hong Kong**

Superficial Deposits	Grain Size mm	Solid Rocks																
		Sedimentary Rocks		Pyroclastic Rocks	Igneous Rocks					Metamorphic Rocks								
					Acid		Acid-intermediate		Intermediate	Basic	Other	Foliated	Other					
Boulders	200	Sedimentary Breccia, Conglomerate	Pyroclastic Breccia, Agglomerate	Very Coarse	Pegmatite	Quartz Syenite	Syenite	Quartz Monzonite	Gabbro	Lamprophyre	Schist	Quartzite, Marble, Hornfels, Fault gouge, Fault breccia						
Cobbles	60												Lapilli-Tuff	Coarse	Granite	Granodiorite	Microgranite	Microgabbro
Gravel	20																	
	6		Fine	Rhyolite	Dacite	Quartz Trachyte	Trachyte	Quartz Latite	Andesite	Basalt								
Sand	2	Sandstone									Coarse Ash Tuff		Fine	Rhyodacite	Quartz Trachyte	Trachyte	Quartz Latite	Andesite
	0.6		Siltstone	Mudstone	Very Fine, Aphanitic	Rhyolite	Dacite	Quartz Trachyte	Trachyte	Quartz Latite								
Mud	0.2	Claystone									Mudstone	Very Fine, Aphanitic	Rhyolite	Dacite	Quartz Trachyte	Trachyte	Quartz Latite	Andesite
	0.06		Claystone	Mudstone	Very Fine, Aphanitic	Rhyolite	Dacite	Quartz Trachyte	Trachyte	Quartz Latite								
Mud	0.002	Claystone									Mudstone	Very Fine, Aphanitic	Rhyolite	Dacite	Quartz Trachyte	Trachyte	Quartz Latite	Andesite
			Silt	Claystone	Mudstone	Very Fine, Aphanitic	Rhyolite	Dacite	Quartz Trachyte	Trachyte								
Clay	Claystone	Mudstone	Very Fine, Aphanitic								Rhyolite	Dacite	Quartz Trachyte	Trachyte	Quartz Latite	Andesite	Basalt	