



Extracted from Drainage Study for Ngong Ping, Drawing No. MMH/255189/GE/0001

## SUPERFICIAL DEPOSITS 表土沉積

GENETIC CLASSIFICATION 成因類型		PRINCIPAL MATERIALS 主要物質成份	
QUATERNARY 第四系	全新統 HOLOCENE	Fill 填土	Natural earth and waste
		Alluvium 沖積物	Silt, sand and gravel
		Estuarine deposits 河口海沉積	Mud and sand
		Beach deposits 海灘沉積	Sand
		Back beach deposits 後灘沉積	Cobbles and boulders
	更新統 PLEISTOCENE AND HOLOCENE	Marine mud 海相泥	Mud showing acoustic turbidity at depth caused by gas
		Marine sand 海相砂	Soft to very soft mud; some sand
		Slope debris 坡面堆積	Sand, gravel, cobbles and boulders in silt matrix
		Mixed slope debris and talus deposits 混合坡積和岩屑堆積物	Gravel, cobbles and boulders
		Channel and transgressive deposits 水道和海進沉積	Sand, some gravel and silt
更新統 PLEISTOCENE	更新統 SHAM WAT FORMATION	Terraced alluvium 階地沖積物	Silt, sand and gravel
		Slope debris 坡面堆積	Sand, gravel, cobbles and boulders in silt matrix
		Estuarine and marine deposits 河口海和海相沉積	Soft to firm silty clay
		Alluvium with intertidal, estuarine and some marine deposits 沖積物夾潮間帶、河口海和少量海相沉積	Clay, silt, sand and gravel; some oxidized and organic material

## SOLID GEOLOGY 基岩地質

SEDIMENTARY AND VOLCANIC ROCKS		沉積岩和火山岩							
NAMED ROCK DIVISIONS		地質單位名稱							
地質單位名稱		主要岩石類型/特徵							
PRINCIPAL ROCK TYPES/CHARACTERS		主要岩石類型/特徵							
中生界 MESOZOIC	上侏羅統-下白堊統 UPPER JURASSIC-LOWER CRETACEOUS	REPULSE BAY VOLCANIC GROUP	大嶼山組 Lantau Formation	JLT	未分 Undivided	流紋質熔岩和凝灰岩	Rhyolite lava and tuff		
				Jsp	大東山段 Sunset Peak Member	含火山碎晶屑凝灰岩	Lapilli-bearing crystal tuff		
				Jcs	象山段 Cheung Shan Member	條紋斑雜岩	Eutaxite		
		m	泥岩	Mudstone					
		sl	粉砂岩	Siltstone					
		s	砂岩	Sandstone					
		tt	凝灰岩和沉凝灰岩	Tuff and tuffite					
		t	晶屑凝灰岩	Crystal tuff					
		rh	流紋質熔岩	Rhyolite lava					
		e	條紋斑雜岩	Eutaxite					
中生界 MESOZOIC	上侏羅統 UPPER JURASSIC	TSUN WAN VOLCANIC GROUP	Shing Mun Formation	JSM	城門組	含火山碎晶屑凝灰岩	Lapilli-bearing crystal tuff		
				Cmp	含石墨的變質粉砂岩和變質砂岩	Metasiltstone, metasandstone; graphite-bearing			
				gr	石墨層	Graphite bed			
		qz	石英岩	Quartzite					
		中生界 MESOZOIC	石炭系 CARBONIFEROUS	SAN TIN GROUP	落馬洲組 Lok Ma Chau Formation	Cmp	含石墨的變質粉砂岩和變質砂岩	Metasiltstone, metasandstone; graphite-bearing	
						gr	石墨層	Graphite bed	
						qz	石英岩	Quartzite	
				中生代 MESOZOIC	侏羅-白堊紀 JURASSIC-CRETACEOUS	Megacrystic 具大晶體的	gf	細粒花崗岩, < 2 毫米	Fine-grained granite, < 2mm
							gfm	中細粒花崗岩	Fine-to medium-grained granite
							gm	中粒花崗岩, 2-6 毫米	Medium-grained granite, 2-6mm
sqf	細粒石英正長岩, < 2 毫米					Fine-grained quartz syenite, < 2mm			
中生代 MESOZOIC	侏羅-白堊紀 JURASSIC-CRETACEOUS					b	輝綠岩	Basalt	
							l	煌斑岩	Lamprophyre
							rf	長石斑岩	Feldsparphyric rhyolite
		rq	石英斑岩			Quartzphyric rhyolite			
		ap	細晶岩			Aplite			
		p	偉晶岩			Pegmatite			
		ug	微花崗岩	Microgranite					
		q	石英脈	Quartz vein					
		中生代 MESOZOIC	侏羅-白堊紀 JURASSIC-CRETACEOUS	變質岩	變質岩	Metamorphosed			
					變質岩	Metamorphosed			
變質岩	Metamorphosed								