

SUPERFICIAL DEPOSITS 地表沉積

GENETIC CLASSIFICATION 成因類型		主要物質成份	PRINCIPAL MATERIALS
第四系 QUATERNARY 全新統 HOLOCENE 更新-全新統 PLEISTOCENE AND HOLOCENE	Fill; sanitary fill (Qfs) 填土		填土和廢物 Natural earth and waste
	Marine sand 海相砂	Qms	含貝殼砂 Sand, shelly
	Marine mud 海相泥	Qmm	含貝殼粘土 / 粉砂 Clay/silt, shelly
	Estuarine mud and sand 河口灣泥砂	Qams	粘土 / 粉砂和砂 Clay/silt and sand
	Alluvium 沖積物	Qa	分選性良好至中等的粘土、粉砂、砂和礫石 Clay/silt, sand and gravel; well-sorted to semi-sorted
	Debris flow deposits 坡積、洪積物	Qd	未分選的砂、礫至漂礫、基質為粘土 / 粉砂 Unsorted sand, gravel, cobbles and boulders; clay/silt matrix
	Talus (rockfall) deposits 岩屑(岩崩)堆積物	Qt	具稀少細粒基質的礫石至漂礫 Gravel, cobbles and boulders; sparse finer-grained matrix
	Mixed debris flow and talus deposits 坡積、崩積物	Qdt	Qd和Qt的混合物 Mixed Qd and Qt
	Slide deposits 滑坡堆積物	Qdl	基岩和浮土物質 Materials of the regolith and bedrock

SOLID GEOLOGY 基岩地質

SEDIMENTARY AND VOLCANIC ROCKS 沉積岩和火山岩

NAMED ROCK DIVISIONS 地層單位名稱		主要岩石類型 / 特徵	PRINCIPAL ROCK TYPES/CHARACTERS
中生界 MESOZOIC 上侏羅統 UPPER JURASSIC 淡水湖群 REPULSE BAY VOLCANIC GROUP	Tai Mo Shan Formation, 大帽山組(未分)	JTM	黑雲母晶屑凝灰岩 Crystal tuff, with biotite
	Ap Lei Chau Formation, 鴨洲組(未分)	JAC	具火焰體的玻屑凝灰岩 Vitric tuff, with fiamme
	Shing Mun Formation, 城門組(未分)	JSM	晶岩屑凝灰岩、凝灰、角礫岩和層凝灰岩 Crystal and lithic tuff, tuff-breccia and tuffite
	Yim Tin Tsai Formation, 鹽田仔組(未分)	JYT	角閃石晶屑凝灰岩 Crystal tuff, with hornblende
		t	未分凝灰岩和層凝灰岩 Undifferentiated tuff and tuffite
		bt	含火山塊凝灰岩和層凝灰岩 Block-bearing tuff and tuffite
		a	安山質熔岩 Andesite lava
		s	砂岩 Sandstone
		sl	粉砂岩和泥岩 Siltstone and mudstone
		br	沉積角礫岩 Sedimentary breccia
		JTC	泥岩和粉砂岩 Mudstone and siltstone
古生界 PALAEOZOIC 二疊系 PERMIAN 泥盆系 DEVONIAN	Tolo Harbour Formation, 大埔海組(未分)	PTH s	泥岩、粉砂岩和砂岩 Mudstone, siltstone and sandstone 砂岩 Sandstone
	Bluff Head Formation 黃竹角咀組	DBH	砂岩和粉砂岩 Sandstone and siltstone

MAJOR INTRUSIVE IGNEOUS ROCKS 主要侵入火成岩

中生代 MESOZOIC 侏羅-白堊紀 JURASSIC-CRETACEOUS	Inequigranular texture 不等粒結構	gf	細粒花崗岩, <2毫米 Fine-grained granite, <2mm
		gm	中粒花崗岩, 2-6毫米 Medium-grained granite, 2-6mm
		gc	粗粒花崗岩, >6毫米 Coarse-grained granite, >6mm
		mq	石英二長岩 Quartz monzonite
		gd	花崗閃長岩 Granodiorite

MINOR INTRUSIVE IGNEOUS ROCKS 次要侵入火成岩 (脉岩)

中生代 MESOZOIC 侏羅-白堊紀 JURASSIC-CRETACEOUS	b	輝綠岩 Basalt
	rq	石英斑岩 Quartzphyric rhyolite
	rf	長石斑岩 Feldsparphyric rhyolite
	lq	石英二長斑岩 Quartz latite

METAMORPHIC ROCKS 變質岩

Thermally altered rock around granitic intrusions 圍繞花崗岩體的熱力變質岩石		角頁岩 Hornfels
	at	蝕變凝灰岩和沉積岩 Altered tuff and sedimentary rock

White wave ornament indicates water cover 白色波紋表示受水覆蓋

GEOLOGICAL LINES 地質界綫

Geological boundary, superficial deposit 地表沉積地質界綫	
Fill boundary 填土界綫	
Geological boundary, solid rock 基岩地質界綫	
Fault (crossmark indicates downthrow side) 斷裂(短劃指向下降盤)	
Mineral vein 礦脉	
Photogeological lineament 航攝地質綫性影像	

Broken lines on map face denote uncertainty * 圖內虛綫表示推測界綫

Title Tai Po Sewage Treatment Works - Stage V, Environmental Impact Assessment Study

Geology Map for Shuen Wan Landfill and Project Site

Scale N.T.S.

Date Jun 2004

Project No. A04202

Figure No. 6.4b

