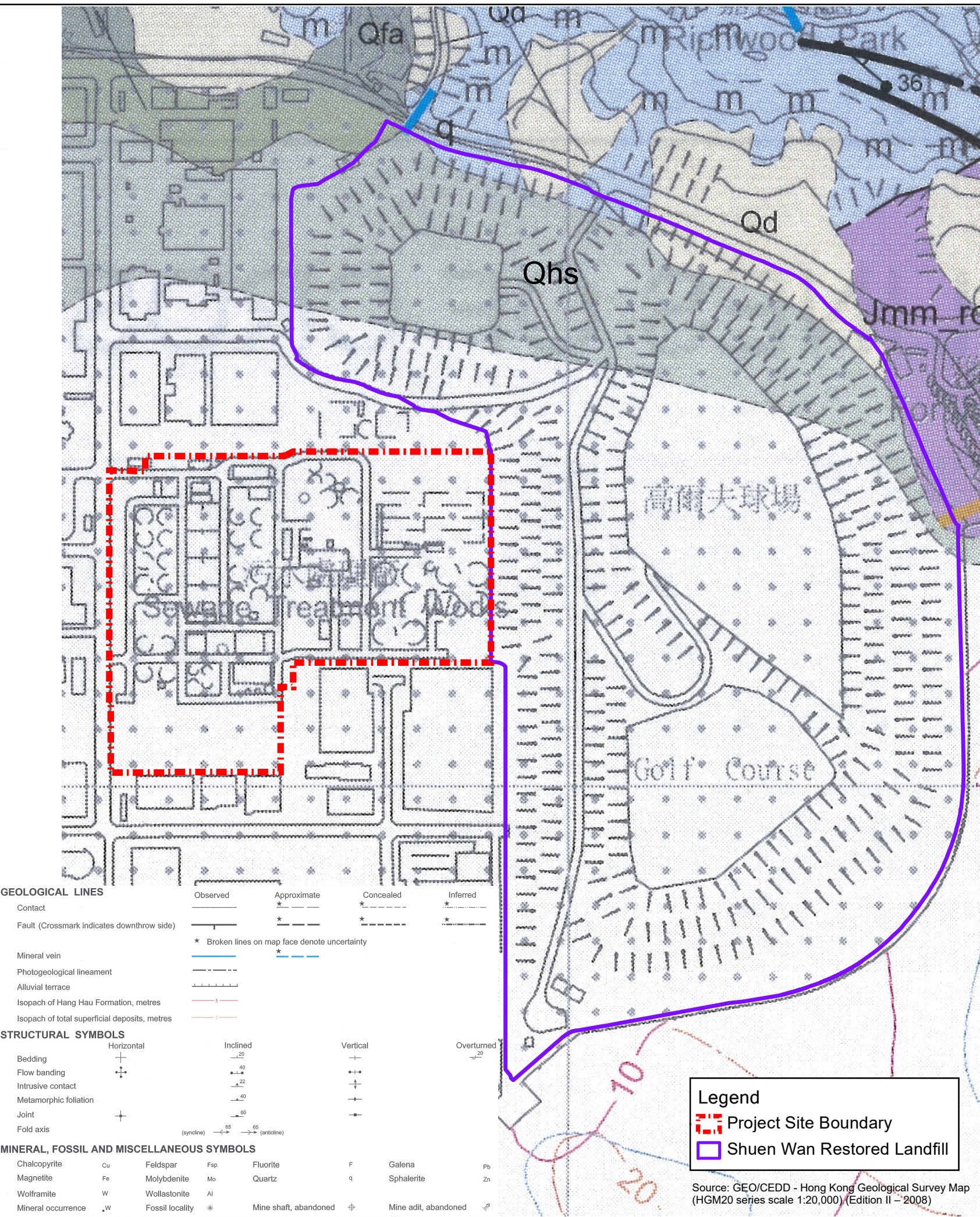


SUPERFICIAL DEPOSITS		PRINCIPAL MATERIALS			
AGE (Millions of years)	GENETIC CLASSIFICATION OR NAMED DIVISIONS				
QUATERNARY	HOLOCENE	Fill; sanitary fill	Natural earth and waste		
		Alluvium	Clay, silt, sand and gravel; well-sorted to semi-sorted		
		Beach deposits	Sand		
		Intertidal deposits	Silt, sand and clay		
		Marine mud	Soft to very soft mud; some sand		
	PLEISTOCENE AND HOLOCENE	Marine sand	Sand; some gravel and sand		
		Colluvium	Silt, sand and gravel with boulders		
		UNDIFFERENTIATED	Alluvium	Silt, sand, gravel and boulders	
			Colluvium	Sand, gravel, cobbles and boulders in silt matrix	
		CHEK LAP KOK FORMATION	Alluvium		
Colluvium					
CRETACEOUS	VOLCANIC ROCKS	Quartz latite	TEI TONG TSUI QUARTZ MONZONITE		
		Feldsparphyric rhyolite			
		Fine-grained granite			
		Quartz monzonite			
		EARLY	KAU SAI CHAU VOLCANIC GROUP	Eutaxitic fine ash vitric tuff	SHUI CHIEN O GRANITE
				Flow-banded porphyritic rhyolite lava	
				Eutaxitic fine ash vitric tuff	
				Coarse ash crystal tuff	
				Tuffaceous siltstone	
		MOUNT DAVIS FORMATION	Feldsparphyric rhyolite, mainly dykes	Kwai Chung Suite	
Quartzphyric rhyolite, mainly dykes					
Coarse ash crystal tuff					
Tuffaceous sandstone					
LATE	SEDIMENTARY ROCKS	Fine-grained biotite granite	Lion Rock Suite		
		Medium-grained biotite granite			
		Coarse-grained biotite granite			
		Dominantly porphyritic fine-grained granite with some equigranular medium-grained granite			
		Quartzphyric rhyolite to porphyritic granite dykes			
		Feldsparphyric rhyodacite to porphyritic granite dykes			
		Flow-banded porphyritic rhyolite sill			
		Quartzphyric rhyolite dykes			
		Fine ash vitric tuff		Lamma Suite	
		Lapilli lithic-bearing coarse ash crystal tuff			
Tuffaceous siltstone					
Lapilli lithic-bearing coarse ash crystal tuff					
Tuff breccia					
Tuffite					
Tuffaceous sandstone					
Tuffaceous siltstone					
Lapilli lithic-bearing coarse ash crystal tuff					
Sedimentary breccia					
Tuffite					
Tuffaceous siltstone					
EARLY TO MIDDLE	SEDIMENTARY ROCKS	Grey to red, fine-grained sandstone and siltstone	Tai Po Grandodiorite		
		Grey to black laminated siltstone and black mudstone			
		Pinkish to pale grey calcareous sandstone			
		Pinkish to pale grey calcareous siltstone			
		White to dark grey, finely crystalline marble			
		Reddish brown and purple siltstone			
		Pale grey, fine- to coarse-grained quartz sandstone			



Revision		Description			
	Designed	Reviewed	Drawn	Checked	
Initial	-	-	-	-	-
Date	-	-	-	-	-
Approved					
Agreement No.		CE 50/2019 (DS)			
Project Title					
Upgrading of Tai Po Sewage Treatment Works - Investigation					
Figure Title					
Geology Map for Project Site					
Drawing No.		Appendix 9.1		Revision	
Scale					
N.T.S.					
Client					
渠務署 Drainage Services Department					
Consultant					
binnies					

Legend
 Project Site Boundary
 Shuen Wan Restored Landfill

Source: GEO/CEDD - Hong Kong Geological Survey Map (HGM20 series scale 1:20,000) (Edition II - 2008)