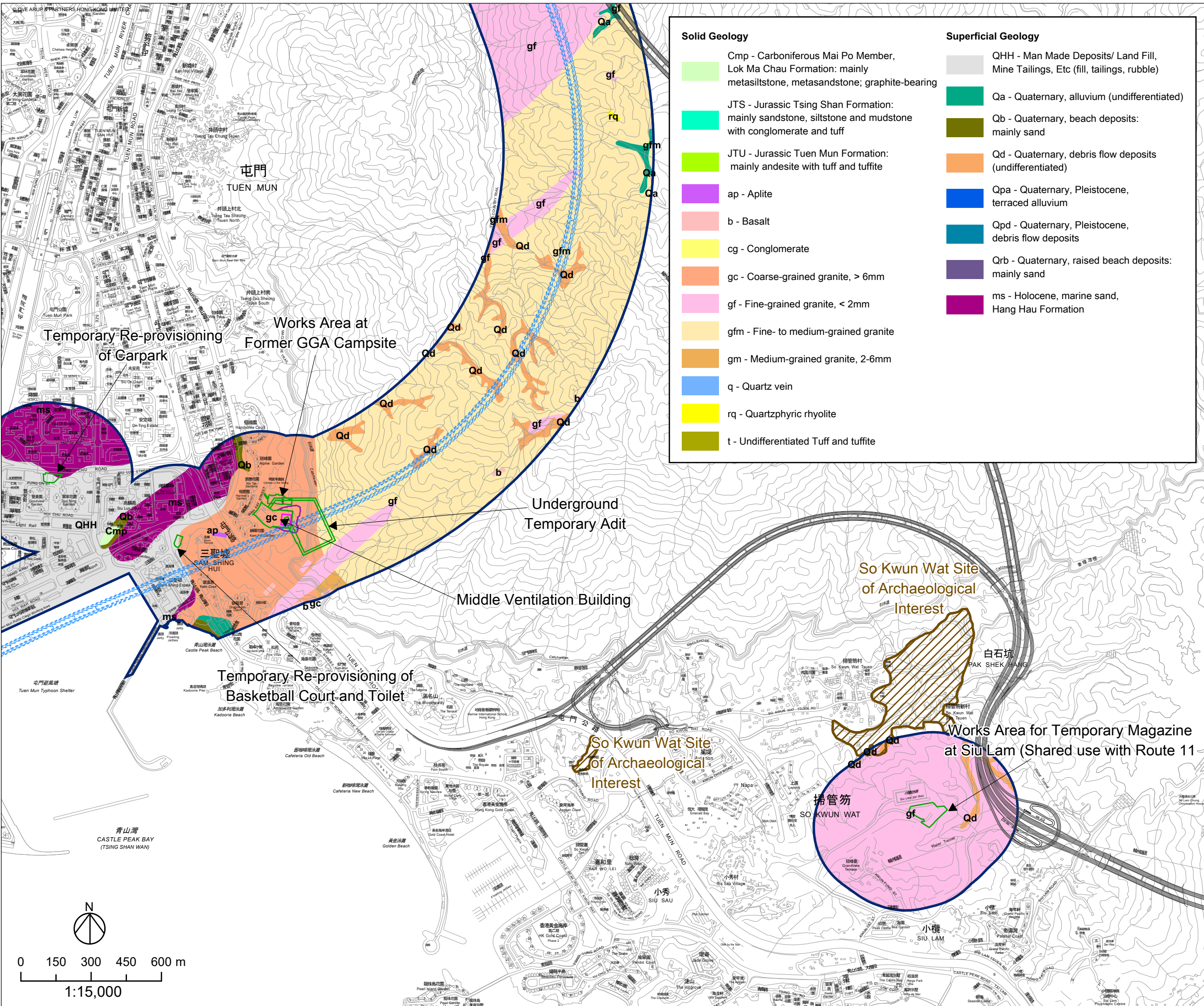


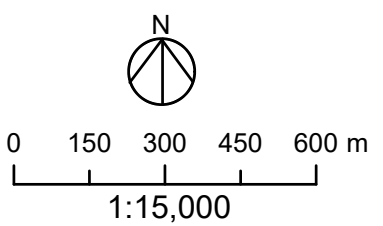
File: T:\GIS\CONTRACT\0647361\final\0647361\_Geology(Tuen\_Mun\_Town).mxd  
Date: 6/6/2023



Solid Geology		Superficial Geology	
<span style="display:inline-block; width:15px; height:15px; background-color:#90EE90;"></span>	Cmp - Carboniferous Mai Po Member, Lok Ma Chau Formation: mainly metasilstone, metasandstone; graphite-bearing	<span style="display:inline-block; width:15px; height:15px; background-color:#D3D3D3;"></span>	QHH - Man Made Deposits/ Land Fill, Mine Tailings, Etc (fill, tailings, rubble)
<span style="display:inline-block; width:15px; height:15px; background-color:#00FF00;"></span>	JTS - Jurassic Tsing Shan Formation: mainly sandstone, siltstone and mudstone with conglomerate and tuff	<span style="display:inline-block; width:15px; height:15px; background-color:#008000;"></span>	Qa - Quaternary, alluvium (undifferentiated)
<span style="display:inline-block; width:15px; height:15px; background-color:#90EE90;"></span>	JTU - Jurassic Tuen Mun Formation: mainly andesite with tuff and tuffite	<span style="display:inline-block; width:15px; height:15px; background-color:#808000;"></span>	Qb - Quaternary, beach deposits: mainly sand
<span style="display:inline-block; width:15px; height:15px; background-color:#FF00FF;"></span>	ap - Aplite	<span style="display:inline-block; width:15px; height:15px; background-color:#FF8C00;"></span>	Qd - Quaternary, debris flow deposits (undifferentiated)
<span style="display:inline-block; width:15px; height:15px; background-color:#FF6347;"></span>	b - Basalt	<span style="display:inline-block; width:15px; height:15px; background-color:#0000FF;"></span>	Qpa - Quaternary, Pleistocene, terraced alluvium
<span style="display:inline-block; width:15px; height:15px; background-color:#FFFF00;"></span>	cg - Conglomerate	<span style="display:inline-block; width:15px; height:15px; background-color:#008080;"></span>	Qpd - Quaternary, Pleistocene, debris flow deposits
<span style="display:inline-block; width:15px; height:15px; background-color:#FFA500;"></span>	gc - Coarse-grained granite, > 6mm	<span style="display:inline-block; width:15px; height:15px; background-color:#483D8B;"></span>	Qrb - Quaternary, raised beach deposits: mainly sand
<span style="display:inline-block; width:15px; height:15px; background-color:#FFB6C1;"></span>	gf - Fine-grained granite, < 2mm	<span style="display:inline-block; width:15px; height:15px; background-color:#800080;"></span>	ms - Holocene, marine sand, Hang Hau Formation
<span style="display:inline-block; width:15px; height:15px; background-color:#FFDAB9;"></span>	gfm - Fine- to medium-grained granite		
<span style="display:inline-block; width:15px; height:15px; background-color:#FF8C00;"></span>	gm - Medium-grained granite, 2-6mm		
<span style="display:inline-block; width:15px; height:15px; background-color:#ADD8E6;"></span>	q - Quartz vein		
<span style="display:inline-block; width:15px; height:15px; background-color:#FFFF00;"></span>	rq - Quartzphyric rhyolite		
<span style="display:inline-block; width:15px; height:15px; background-color:#808000;"></span>	t - Undifferentiated Tuff and tuffite		

### Legend

- Proposed At-Graded Road/ Elevated Road
- Proposed Tunnel
- Proposed Highway / Tunnel Operation and Maintenance Facilities
- Proposed Works Area
- Proposed Slope Works
- Planned Route 11 (Under Separate Project)
- Cultural Heritage Assessment Area
- Site of Archaeological Interest



Rev	Description	By	Date

Consultant

ARUP

Project title

Agreement No. CE 65/2021 (HY)  
Tuen Mum Bypass - Investigation

Drawing title

Geology  
(Sheet 2 of 3)

Drawing no.	Figure 12.2b	Rev.	
Drawn	Date	Checked	Approved
	6/6/2023		
Scale	1:15,000	Status	

COPYRIGHT RESERVED

**路政署**  
**HIGHWAYS DEPARTMENT**