

Index

- Acantlotriletes* sp. 65
actinolite 29
albite 65
alluvial sand 44, 47, 66
alluvium 41, 56
amphibole 25, 65
anatase 64
andesite dyke 30
andesitic conglomerate 28
- tuff 28
- tuff, coarse ash 28
apatite 26, 64, 66
Arietites sp. 27
basalt dykes 30,31
Bassina calophylla 44
beach deposits 22,47
biotite 29,30
- schist 30
Bluff Head Formation 18
boehmite 65
boudinage 30
boxwork structures 30
British Geological Survey 14, 16, 56
Calamospora sp. 65
C.microrugosa 65
C.pallida 65
calcite 26,30,32
- veins 25, 30, 32, 37
Caledonian Orogeny (Silurian) 18
Castle Peak 13, 23, 31
Castle Peak Road 44, 54
cathode luminescence 16, 26
cavities 14, 22, 49, 54
-, silt-filled 22, 23
cavity-fill 49
channel-fills 26
Chek Lap Kok Formation 44
China 16, 18, 32, 52
chloride concentrations 56
chlorite 25, 26, 29, 65
chloritoid 29
chromite 66
Cingulizonates sp. 65
clay-filled joints 49
clay residues 41
colluvium 41
Crassipora sp. 65
cyclical sedimentation 26, 49
debris flow 18, 41, 44, 66
Deep Bay 13, 18, 22, 27, 31, 41, 44, 47, 56
Densosporites sp. 65
D. anulatus 65
Designated Area 13, 14, 17
Dictyotrillites sp. 65
diopside 64
discontinuities 49, 54
doline 44, 49
dolomite 25, 26
dykes 18, 30, 31, 32
Electronic & Geophysical Services Ltd. 16
Environmental Protection Department 31
epidote 26, 29, 64
epikarst 22, 30, 41, 49, 54
estuarine deposits 47
Fairview Park 13, 14, 41
faults 18, 32, 37, 49, 54
feldspar 25, 65
feldsparphyric rhyolite 30
fine ash tuffs 37
Florida 53
fluorite 32
folds, folding 18, 32, 37, 48

garnet 26, 29, 30, 37, 64, 66
 goethite 65
 granite plutons 30, 31, 32
 granitoid rocks 31
 granodiorite 18, 29, 30, 31, 49
 graphite 30
 - metasiltsstones 27
 - schists 23, 26, 27, 30, 37
 graphitic siltstone 30
 groundwater 16, 41, 48, 54, 56
 Guangdong 18, 23
 Guangzhou 26
 haematite 25, 65
 Hang Hau Formation 18, 44
 heat generation 31
 heavy minerals suites 26, 64, 66
 Hercynian Orogeny 18
 Hop Choi Street 49
 hornblende 65
 hornfelsed or spotted texture 29
 Hydrogeological Research Group 16, 56
 hydrogeology 14, 16, 56
 igneous rocks, intrusive 30
 insoluble residues 16, 25, 26, 49, 65
 Institute of Geological Sciences
 of Guangdong 16, 66
 Isotope Geology Centre 16
 joint 22, 30, 37, 48, 49, 54
 kaolin 41
 kaolinite 30, 65
 karst 16, 22, 41, 48, 49, 54
 - deposit 66
 - features, reactivation of 54
 - geomorphology 49
 Karst Institute in Guilin 16
 karstification 23, 37, 41, 49, 54
 lapilli tuff 28
 Lau Fau Shan 13, 32
 Lok Ma Chau 18, 27, 32, 41, 47
 Lok Ma Chau Formation 18, 23, 26, 28, 30, 32,
 37
 Long Ping Estate 23, 37
 Long Ping Member 18, 23, 25, 30, 37, 41, 49
Loplotrilites sp. 65
 Lo Wu 13, 37
 Lung Bin Temporary Housing Area 23
Lycospora pusilla 65
 Mai Po 18, 25, 26, 28, 30, 37, 44
 Mai Po Member 18, 23, 26, 30, 37
 marine clay 66
 - deposits 18, 41, 44
 Ma Tin Member 18, 25, 30, 48
 Ma Tin Road 25, 31, 49
 Ma Tin Road Borehole 25, 30, 31, 37
 metamorphic rocks 29, 41
 metamorphism, thermal 18, 29, 30
 metasomatism 29, 30
 mica 18, 25, 26, 37, 41, 65
 miospores 23
 muscovite 29, 30
 Natural Environment Research Council 16
 Newcastle University 16
 olistostromes 32
 On Hong Road 54
 orthoclase 65
 palaeokarst 48, 49, 54
 Palaeozoic anticlines 37
Paphia undulata 44
 Pearl River Estuary 16
 pelitic rocks 29
 penecontemporaneous earthquake activity 32
 phyllite 30, 32
 Ping Shan 25
 Public Works Central Laboratory 16
Punctatisporites 65
 pyrite 25, 26, 29, 30, 41
 -, secondary 30
 quartz 25, 26, 30, 32, 41, 65
 - veins 25, 28, 30, 32, 37
 quartzphyric rhyolite 30
 radiocarbon dating 16, 41, 44, 66
 radon 31
 regional metamorphism 18, 29, 30, 54

Repulse Bay Formation 23
 Repulse Bay Volcanic Group 18, 29, 30, 54
 rutile 26, 64, 66
 saline contamination 56
 San Tin 13
 San Tin Group 18, 23, 29
 Scheduled Area No. 2, 17
 schist 23, 26, 27, 30, 37
 -, biotite 30
 sericite 26, 30, 41
 Sham Chun River 13, 41, 47
 Shan Pui River 56
 Shenzhen 18, 23, 26, 30
 Shenzhen Special Economic Zone 16, 23
 sinistral movement 37
 sinkhole 49, 54
 slickensides 32, 37
 smectites 26, 65
 solution joints, slots 22
 sphene 26
 Stratigraphy and Tectonics Unit 16
 submarine slumping 32
 Sung Kong 23
 swallet 49
 swallow hole 49
 Tai Mo Shan 13
 Tai Mo Shan Formation 37
 Tai Shek Mo Member 18, 26, 27, 28
 Tai Tong 27
 talc 25, 65
 tension gashes 37
 thermal metamorphism 18, 29, 30
 thorium 31
 Tin Shui Wai 13, 22, 25, 29, 44, 47
 Tin Shui Wai Member 18, 28, 37
 titanite 64
 Tolo Channel Formation 27
 Toronto, University of 16
 tourmaline 64, 66
 transcurrent movements 32, 37
 tremolite 26, 29, 30, 64
 Tsim Bei Tsui 28
 Tsing Shan 13, 27, 30, 31, 32
 Tsing Shan Formation 27
 Tsing Shan granite 30, 32
 Tuen Mun 13, 18, 23, 26, 27, 30, 41
 Tuen Mun Formation 18, 37
 Tuen Mun-Lo Wu Fault Zone 18, 32
 tuff 18, 28, 29, 37
 tuff-breccia 23, 28
 tuffaceous siltstone 28
 tuffite 18, 28
 uranium 31
 uranium-lead isotope ratios 26
 volcanic breccia 37
 volcanic rocks 18, 23, 27, 28, 30, 32, 41
 Wang Chau 23
 Wang Lok Street 44, 49
 washouts 26
 water quality 56
 wollastonite 26
 X-ray diffraction 25
 XRD methods 65
 Yenshanian orogeny 32
 Ying Lung Wai 13
 Yuen Long Formation 18, 23, 25, 30, 32, 37, 48
 Yuen Long Industrial Estate 44, 49, 56
 Yuen Long-Shan Pui River Catchment 56
 Yuen Tau Shan Fault 32
 zircon 26, 64, 66
 zoisite 64