



\* more than 90% of amorphous or recrystallized glass

- (1) vitreous texture (more or less pseudo-perlitic (cracks) or perlitic (centered spheruloids))
- (2) and (3) vitro-clastic texture: X, T, or L shaped glass splinters sometimes due to spherulitic material (pumice); the cavities (lithophysae) may show concentric (bubbles (2)) or radial structures (axiolite (3)) with fibro-crystalline sides

\* less than 95% of amorphous or recrystallized glass

- (4) microlitic texture: phenocrystals, phenoclasts and microlites included in an amorphous dough ('porphyroidal' microlitic if the phenocrystals are large)
- (5) microlitic flow texture: microlites in flow pattern (lava flow)
- (6) trachytic texture: less than 10% of glass in which oriented microlites and/or feldspar phenocrystals lean on each other
- (7) felsitic texture: describes a microlitic rock in which the dough recrystallized in fine grains
- (9) spherulitic texture: microlitic rock with spherules radiating fibers due to the recrystallization of glass or to the rapid, late-magmatic crystallization of acicular microcrystals
- (\*) spinifex textures: see p. 68

#### B: Hypovolcanic Rocks

(dikes and sills) set up next to the surface

- (8) granophyric texture: quartz-F symplectite around F phenocrystals
- (10) microgranulitic texture: phenocrystals included in a sub-isogranular microgranulitic matrix (also microgranulitic porphyroid; lamprophyric texture: automorphic, mainly ferro-magnesian in phenocrysts or microcrysts)
- (\*) basic dikes texture see p. 136

#### C: Mesocrystal or Deep Rocks

- (11) coarse texture: phaneritic iso- or heterogranular rock (also porphyric - see number 13)
- (12) agpaitic texture: granular to microlitic rock characterized by the late-magmatic development of its ferro-magnesian constituents
- (14) framed texture: rock with protoclasts or beginning of cataclasis (see tectonites, p. 185) characterized by its microcrystalline mortar cementing porphyrocrysts
- (15) poikilitic texture: automorphic or xenomorphic poikilocrysts surrounding other constituents
- (\*) cumulate texture: see p. 66.