

VI. Fabrics

A. Basics

1. Primary and secondary fabrics
2. Foliations and lineations
3. Penetrative and non-penetrative fabrics

B. Fabric elements

1. Tabular mineral grains
2. Acicular mineral grains
3. Crystallographic preferred orientation (CPO)
4. Domains
5. Cracks or discontinuities
6. Folds
7. Intersecting foliations

C. Foliations: Common types of foliation

1. Primary foliations
2. Slaty cleavage
3. Schistosity
4. Flattening fabric
5. Pressure-solution cleavage
6. Crenulation cleavage
7. Mylonitic foliation
8. Gneissic banding

D. Lineations: common types of lineation

1. Primary lineations
2. Mineral lineations
3. Stretching lineation
4. Crenulation lineation
5. Intersection lineation

E. Fabrics and folds

1. Foliation and folds
 - a) Axial planar foliation
 - b) Foliation generations
 - c) Transposition
2. Lineations and folds
 - a) Intersection lineation
 - b) 'Down-dip' stretching lineation
 - c) Stretching lineations parallel to fold hinges
 - d) Lineation generations