

**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