

Mechanical weathering--disintegration

No minerals destroyed, no minerals made. Just smaller particles.

1. Expansion and contraction

2. Frost action

Implications:

- (1) source of water**
- (2) alternating freeze-thaw**
- (3) inside the rock**

3. Exfoliation

Exfoliated domes

Spheroidally weathered boulders

4. During transportation by water, wind, or ice

5. During transportation by gravity

6. Plants

7. Animals