

**VIDEO: INTRUSIVE IGNEOUS ROCKS**

1. What factors contribute to the formation of magmas?
2. What are some of the differences between mafic, intermediate, and felsic magmas.
3. How does rate of cooling relate to the texture of the resulting rock?
4. What is Bowen's Reaction Series and how does it describe magma crystallization?
5. Describe the formation of intermediate (andesitic) magmas in subduction zones.
6. Describe granitic (felsic) rocks.
7. What are xenoliths and what do they represent?
8. How does the study of igneous rocks help in our interpretation of earth history?
9. Compare and contrast igneous rocks found on the continents and ocean floor.