

**WE GET DIFFERENT IGNEOUS ROCKS  
WHEN A MAGMA (LAVA)  
CRYSTALLIZES BECAUSE:**

- 1. MAGMAS HAVE DIFFERENT  
COMPOSITIONS—COMPOSITION**
- 2. WHETHER 1<sup>ST</sup> FORMED MINERALS STAY IN  
LIQUID AND REACT WITH IT OR ARE  
REMOVED FROM THE LIQUID AND DO NOT  
REACT WITH IT—COMPOSITION**
- 3. RATE OF COOLING—TEXTURE**
- 4. VOLATILES—TEXTURE AND COMPOSITION**
- 5. ASSIMILATION—COMPOSITION**