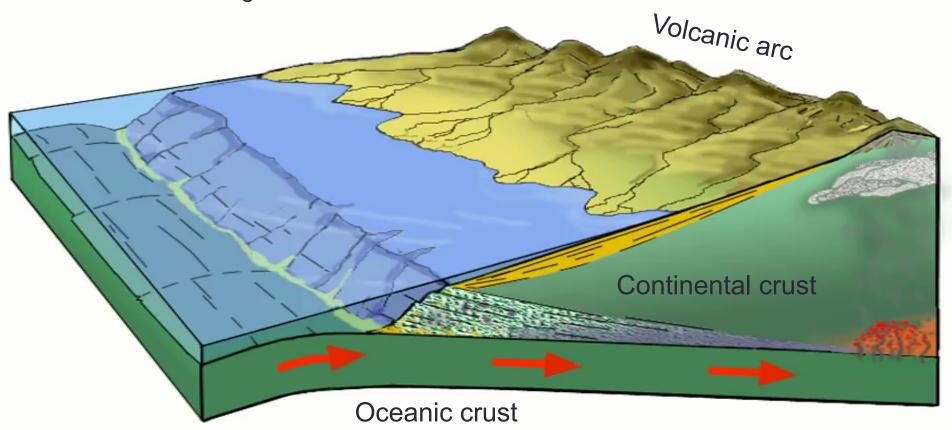




Photo: Sarychev Volcano, Kuril Islands, Russia

Brian A. Konecke, graduate student

Subduction Zone Magmatism







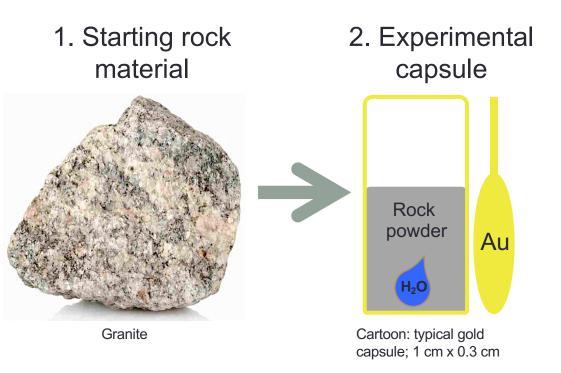
Experimental "Petrology"

1. Starting rock material



Granite

Experimental "Petrology"



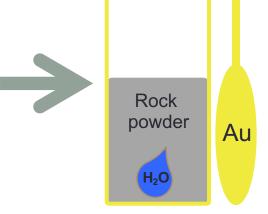
Experimental "Petrology"

1. Starting rock material



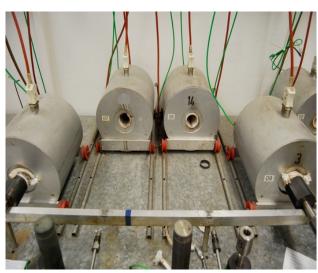
Granite

2. Experimental capsule



Cartoon: typical gold capsule; 1 cm x 0.3 cm

3. Experimental Apparatus

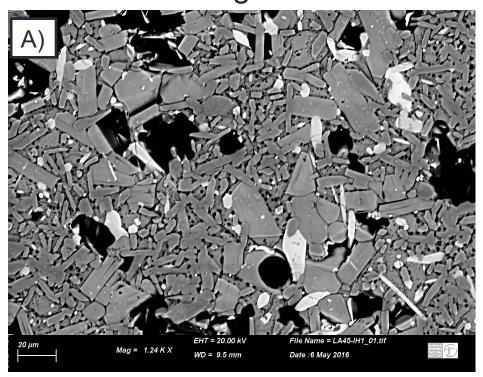




Images: Cold seal pressure vessels (CSPV)



"Experimental" Magma

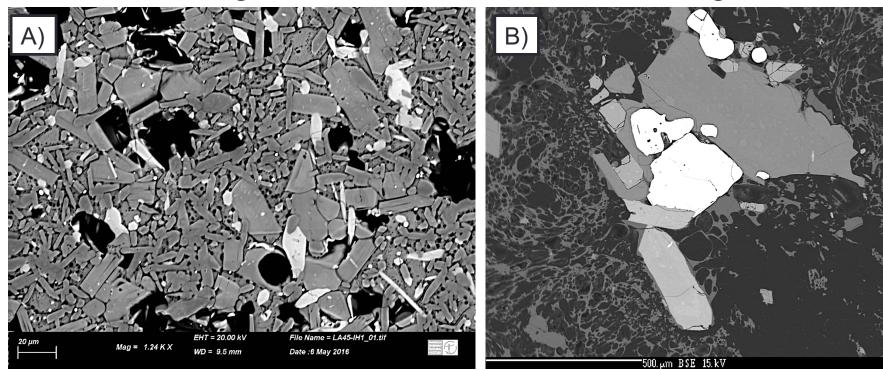


"Natural" Magma

Images A-B: Back scattered electron (SEM) images of experimental quenched magma (A), and (B) eruption products from the 1991 eruption of Mt. Pinatubo, Philippines.

"Experimental" Magma

"Natural" Magma



Images A-B: Back scattered electron (SEM) images of experimental quenched magma (A), and (B) eruption products from the 1991 eruption of Mt. Pinatubo, Philippines.

Thank you for listening!



(if you have any questions, please feel free to ask me after this session!)



