

IGNEOUS ROCKS



Granite



Obsidian



Tuff



Gabbro



Diorite



Pumice



Andesite



Rhyolite



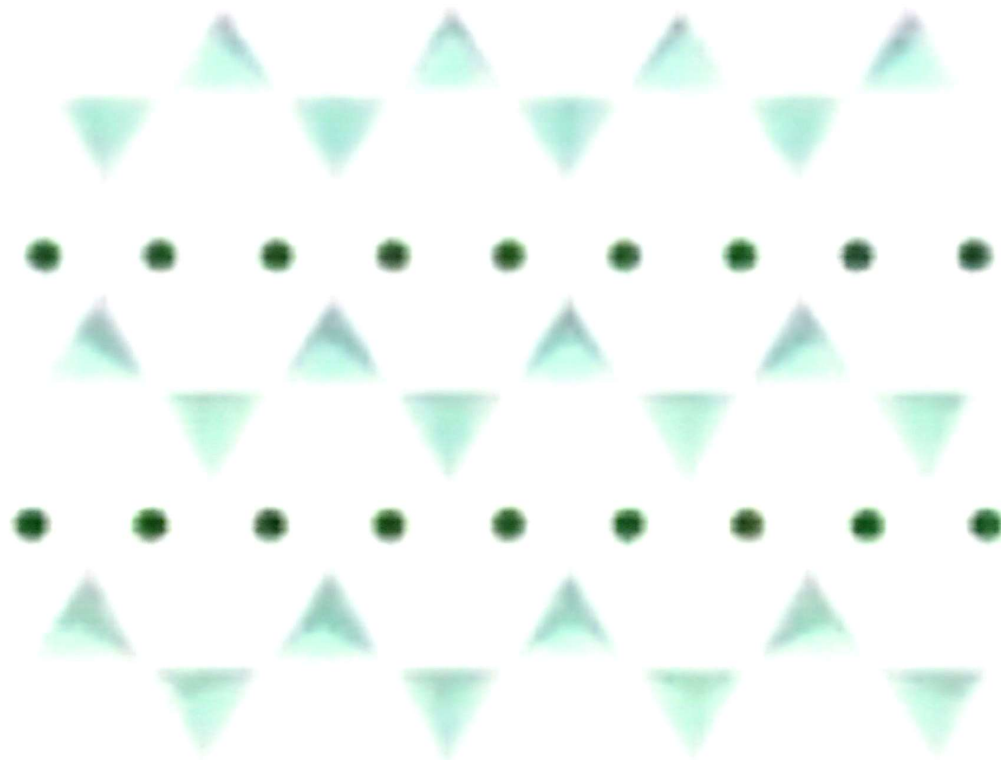
Gabbro

VS

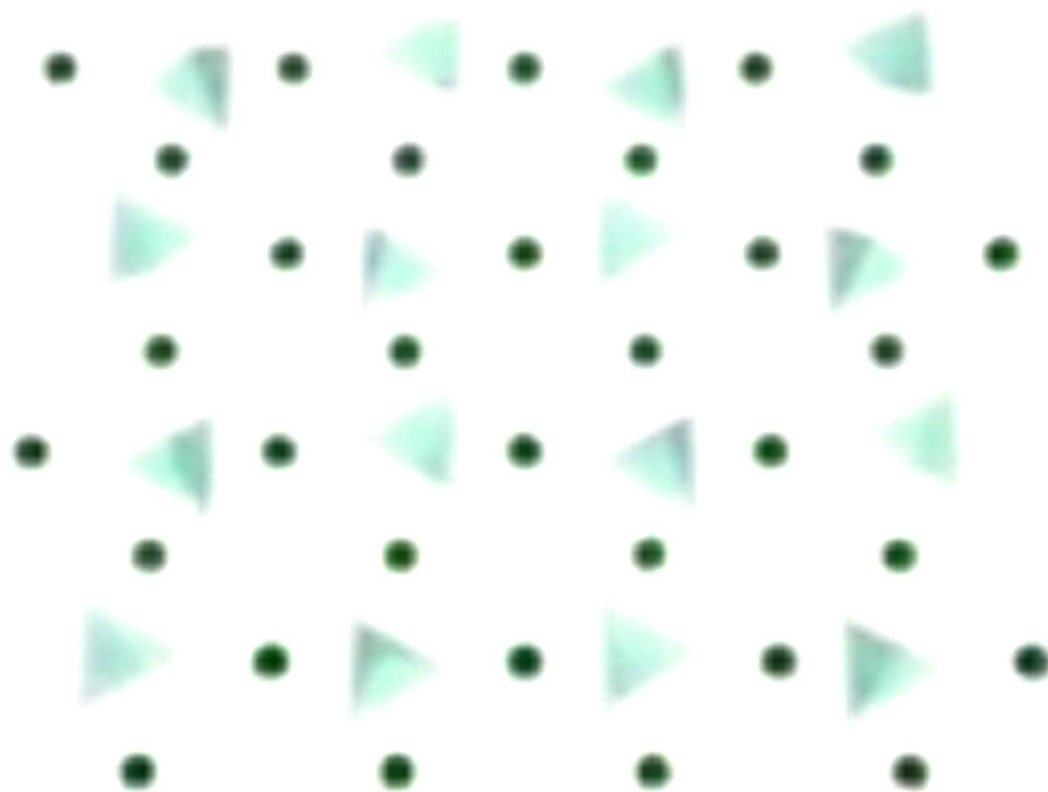


Granite

PYROXENE



Pyroxene

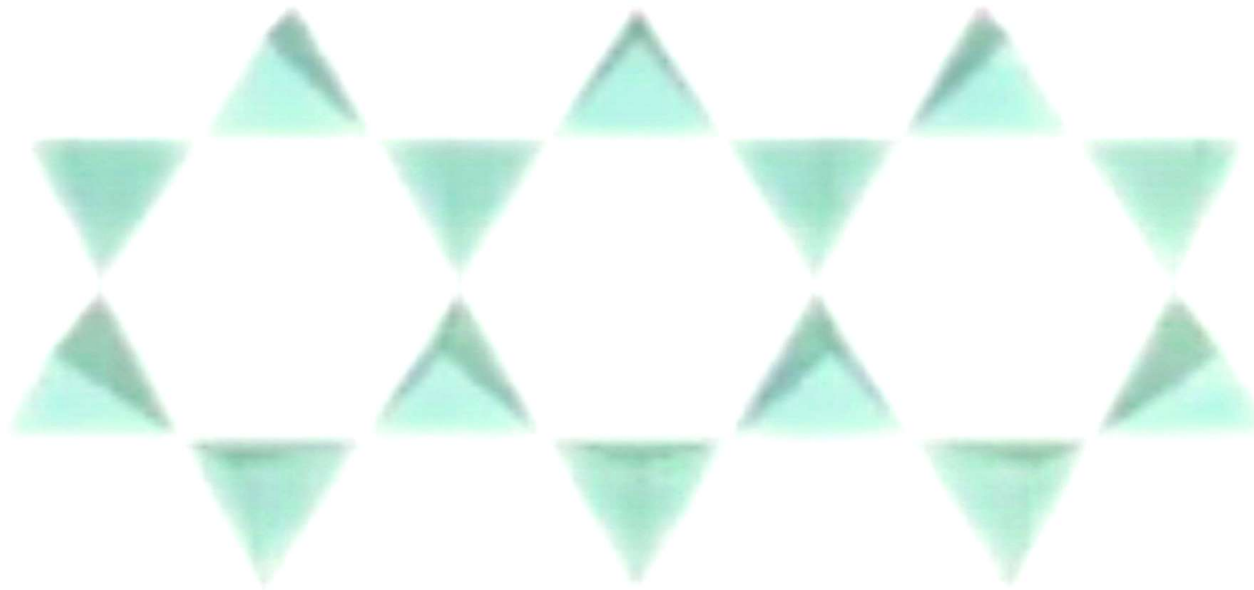




AMPHIBOLE



AMPHIBOLE



BIOTITE



BIOTITE



www.gemology.com

BOWEN'S REACTION SERIES

High Temperature

Low Temperature





Muscovite

&



**Potassium
Feldspar**

QUARTZ



Figure 10



Muscovite

Al Na K



**Potassium
Feldspar**

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