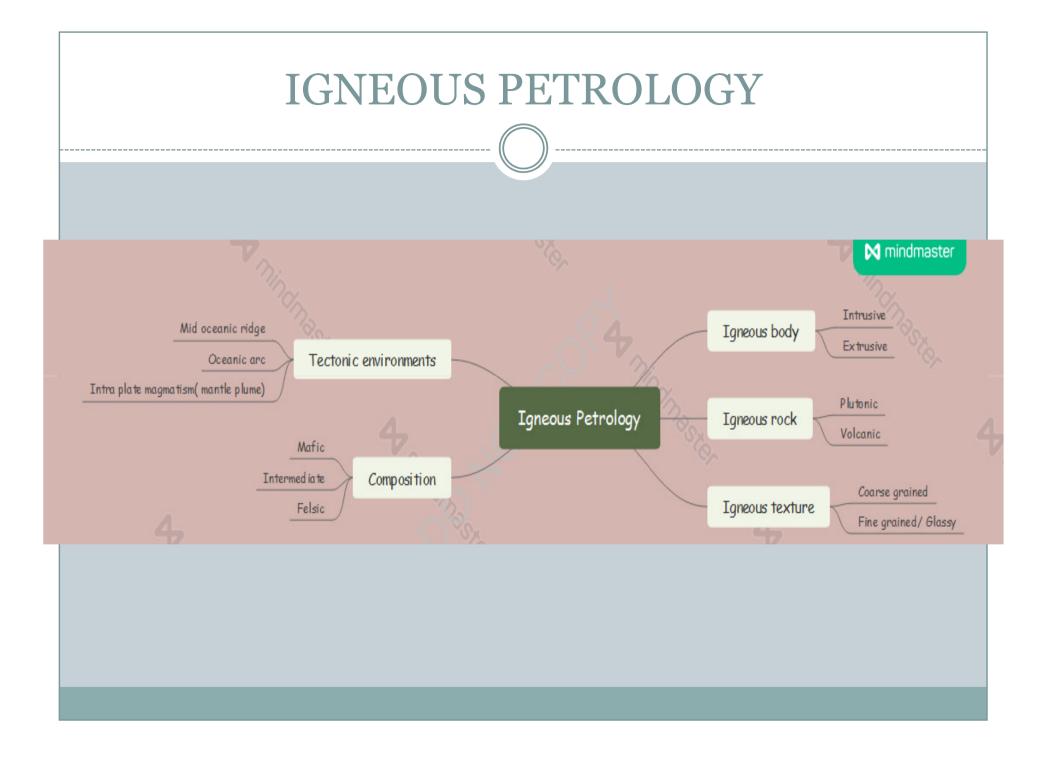
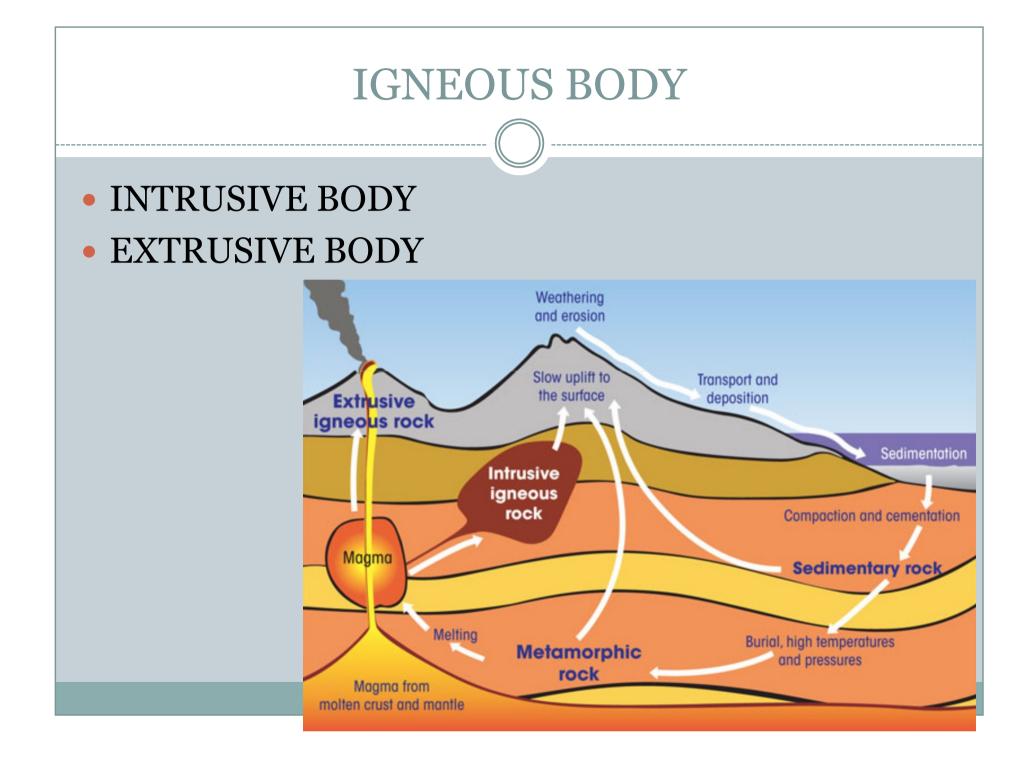
MODULE-2_IGNEOUS PETROLOGY

CC5T 3RD SEMESTER DEPT. OF GEOLOGY APARUPA BANERJEE





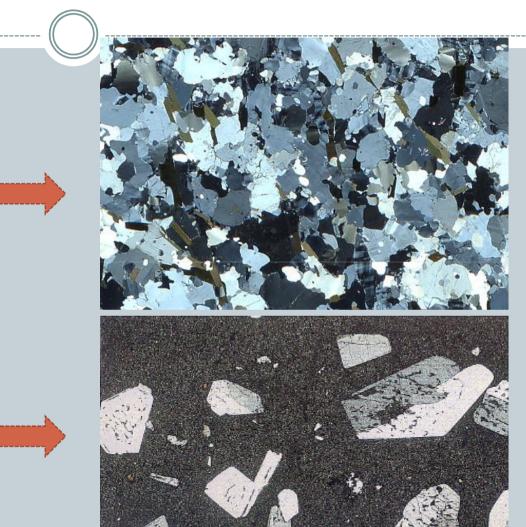
IGNEOUS ROCK

- PLUTONIC IGNEOUS ROCK: (e.g Granite, Gabbro)
 - DEEP SEATED,
 - COARSE GRAINED
 - HIGH GROWTH RATE
 - SLOW COOLING RATE
- VOLCANIC IGNEOUS ROCK: (e.g Rhyolite, Basalt)
 - EXPOSED IN EARTH'S SURFACE
 - FINE GRAINED
 - SLOW GROWTH RATE
 - FAST COOLING RATE

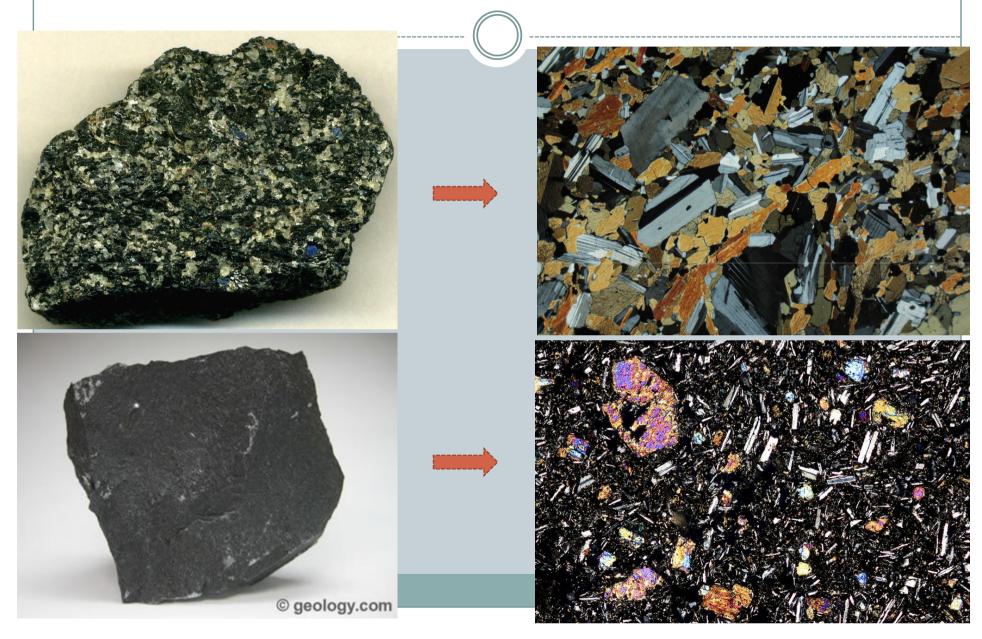
GRANITE & RHYOLITE







GABBRO & BASALT



TYPES OF BASALT



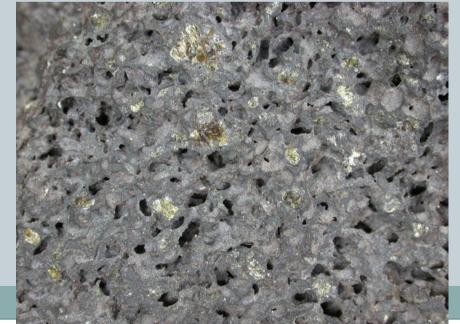
VESICULAR BESALT

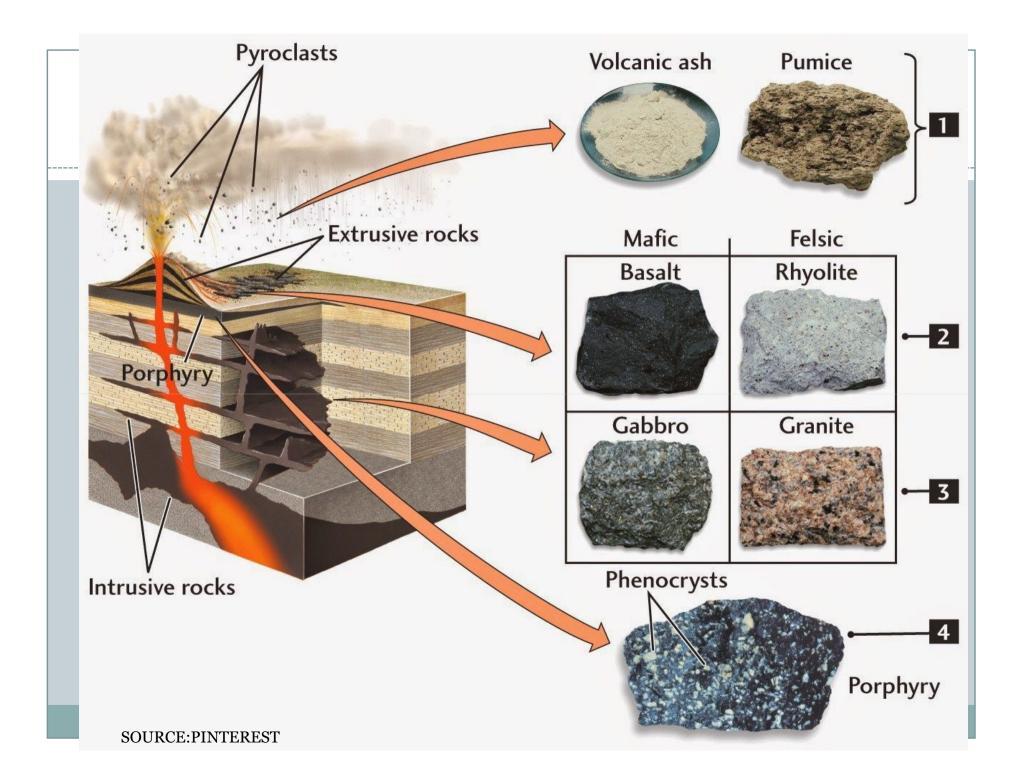


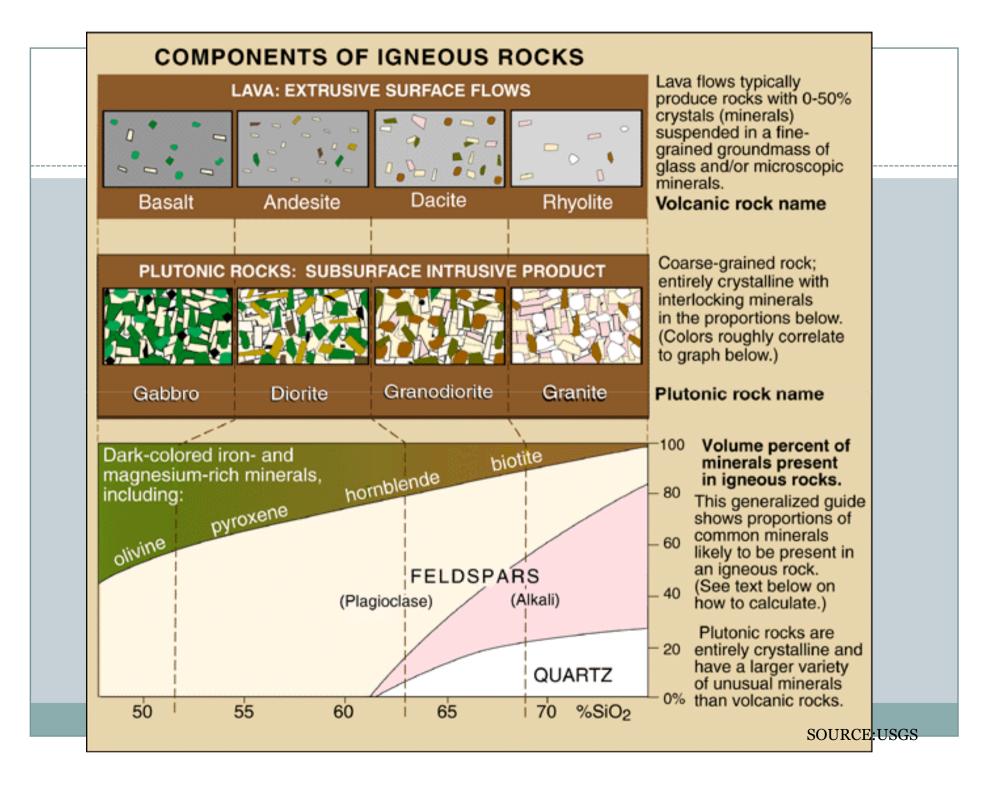
AMYGDALOIDAL BASALT



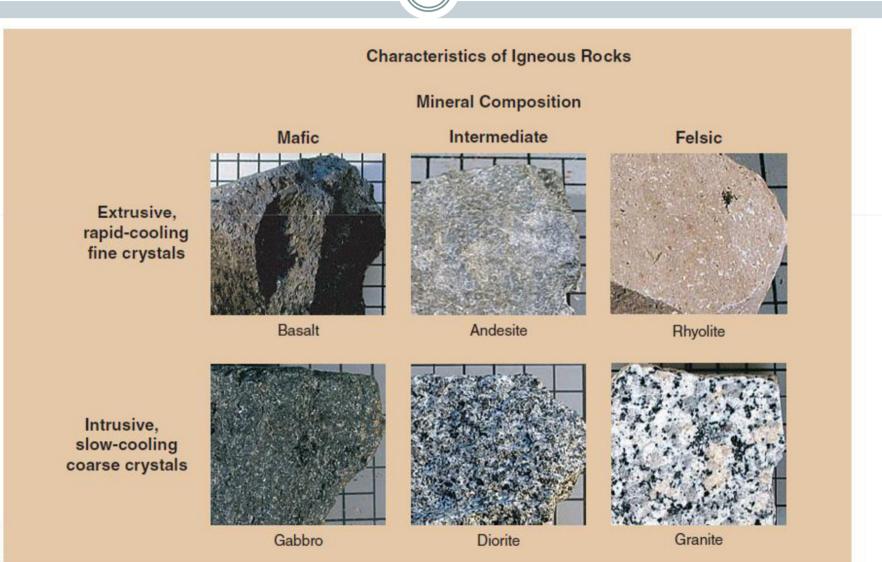
BASALT WITH OLIVINE XENOCRYST







COMPOSITION



J. Petersen



