

VOLCANIC ROCKS

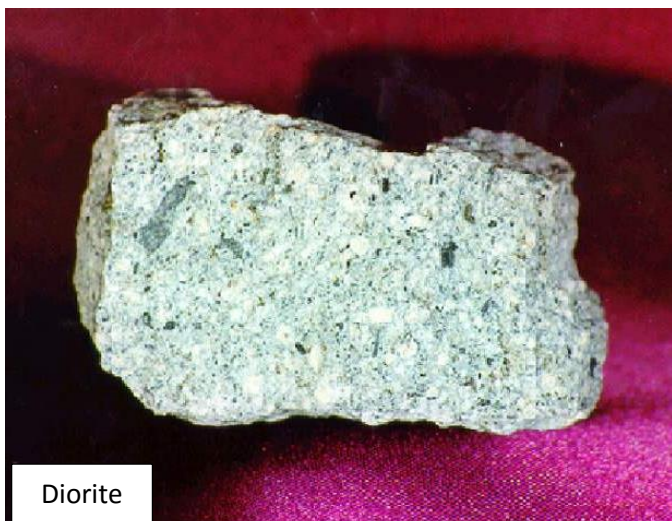
a) **Intrusive Igneous Rocks:** Some rocks cannot outcrop and cool down in the underground clearances so that they solidify. Since cooling down is so slow there, these rocks are formed as light coloured, hard and holocrystalline (porous).

- 1- Granite
- 2- Syenite
- 3- Diorite
- 4- Gabbro

b) **Extrusive Igneous Rocks:** These rocks are formed by cooling down of outcropped lavas. Since cooling down is fast, they formed as dark coloured, nonporous, and even some of them are vitreous and spongy.

- 1- Andesite (Ankara rock)
- 2- Basalt (most fluent rock)
- 3- Obsidian (volcano glass)
- 4- Pumice Stone
- 5- Perlite
- 6- Tuff (Volcano ash)

Intrusive Igneous Rocks:



Extrusive Igneous Rocks:

