Minerals and their gems

Quartz- SiO₂









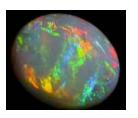




Rose quartz

Opal – hydrated (contains water) amorphous form of silica, the water in the structure causes light to be refracted in a multitude of colors.

Citrine



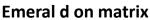


7.844

Amethyst

Beryl - (Emerald, Aquamarine, Heliodor, Morganite) $Be_3Al_2(SiO_3)_6$







Aquamarine



Golden Beryl-Heliodor



Garnet - Almandine

Corundum - (Ruby, Sapphire) Al₂O₃







- Milita





Ruby Sapphire

(Mg, Fe)₂SiO₄

Olivine – Peridot





Topaz - $Al_2SiO_4(F,OH)_2$



