

# Apatite

- Color- Often Green, other colors too
- Streak- White
- Luster- Vitreous to Dull
- Hardness- 5
- Density- 3.2g/cm<sup>3</sup>



White-Grey streak



Hexagonal crystal



# Apatite

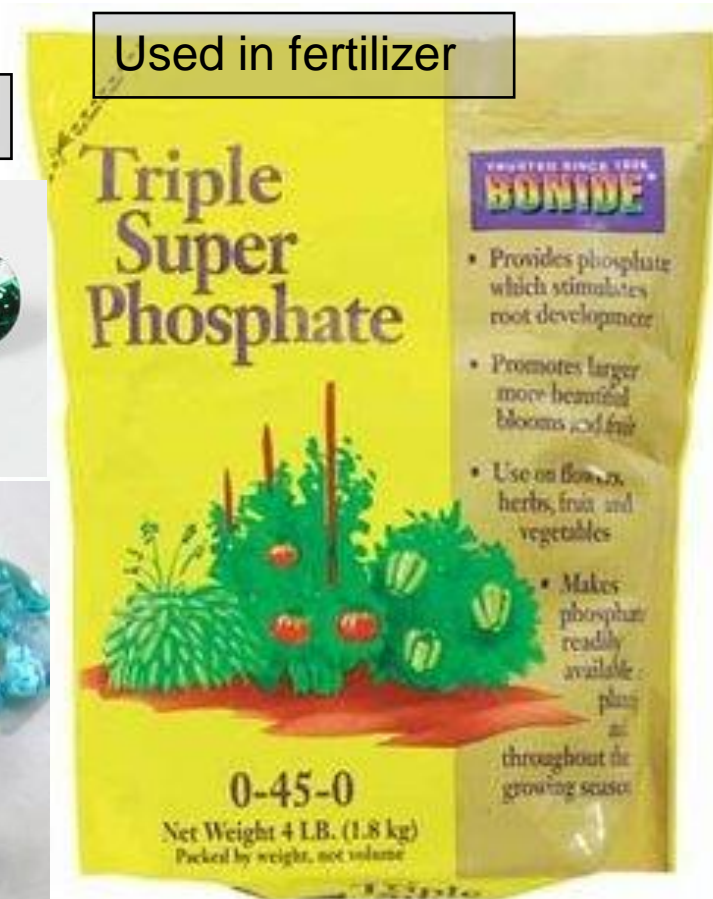
Fracture-  
Conchoidal

Cleavage- Not  
observed



Used in fertilizer

Used as gemstones

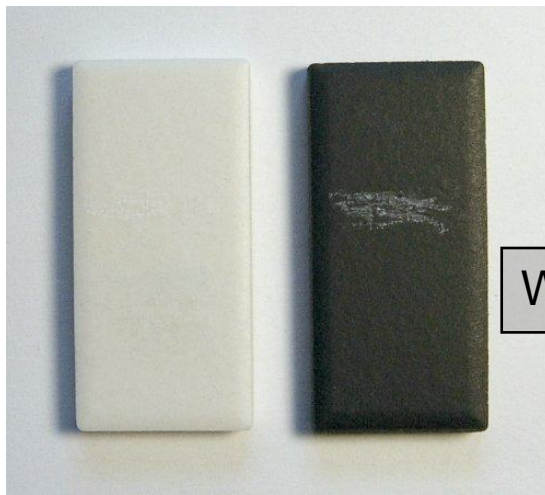


Teeth and bones made of apatite



# Barite

- Color- White/ light colors common, many colors possible
- Streak- White
- Luster- Vitreous, Pearly
- Hardness- 3.5-4
- Density- 4.3-5.0g/cm<sup>3</sup>



White streak

# Barite

Tabular

- Three cleavage planes
- Uneven fracture



Blades



Rose

# Barite

“Barium Swallow” for  
cat scans



Heavy mud for oil and  
gas drilling

