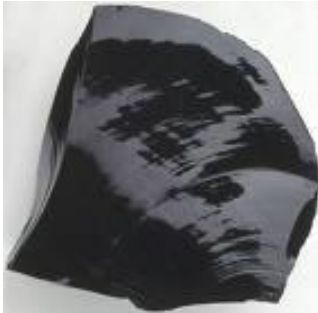


Igneous, Sedimentary or Metamorphic?

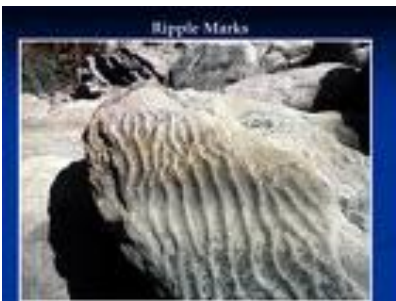
THIS IS AN IGNEOUS ROCK BECAUSE...

1. ★IT HAS RANDOM INTERGROWN CRYSTALS★
2. IT HAS A GLASSY TEXTURE (OBSIDIAN)
3. IT IS VESICULAR (GAS POCKETS)



THIS IS A SEDIMENTARY ROCK BECAUSE...

1. ★IT HAS COMPACTED AND CEMENTED SEDIMENTS★
(I see cobbles, pebbles, and/or sand grains cemented together)
2. IT HAS SEDIMENTS IN LAYERS CEMENTED TOGETHER (layers go all the way through the rock)
3. IT HAS FOSSILS
4. IT WAS ONCE ALIVE (compacted and cemented shells)
5. IT HAS RIPPLE MARKS
6. IT HAS MUD CRACKS



THIS IS A METAMORPHIC ROCK BECAUSE...

1. ★IT HAS INTERGROWN CRYSTALS IN A PATTERN★
2. SHOWS MINERAL BANDING
3. CRYSTALS ARE FOLIATED
4. PLATY MICA CRYSTALS makes it shiny
5. STRETCHED PEBBLES

