HOG IS A You need minerals. And so do rocks. That's because a rock is a solid mixture of one or more minerals, although rocks can also include organic matter. Minerals are pure chemical compounds found on, in, and below the GRANITE is a type of rock that's made up of a Earth's crust. There are about mineral mixture of quartz, horneblend, mica and 4,000 minerals on Earth. small amounts of other minerals. Granite is an igneous rock that forms when magma cools If minerals make up rocks, below the earth's surface. As the crust wears then what makes up away or is pushed up by geological forces, minerals? Elements, such as granite shows up on the earth's surface. Some carbon, oxygen, sodium, and mountains have huge amounts of granite, like the iron, are the building blocks Green Mountains in Vermont, pictured here. of minerals. Some minerals gold, silver, and copper—are made up of only one element. These types of minerals are called native elements. But other minerals are a mixture of different elements. **DIFFERENT MIX** Not all granites look alike. Some are darker than others, some look white, some look pink, some look black. In fact, granite comes in lots of different colors. Why does granite vary? Granite rocks differ because some have a greater amount of quartz or mica. In addition, other minerals may have also made their way into the granite rock. DISCOVERY EDUCATION

