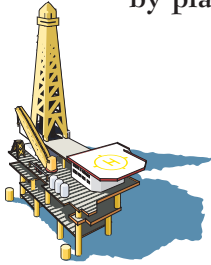
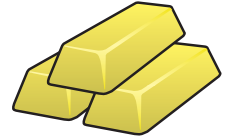


# Minerals, a fundamental part of life



Limestone is found over much of Manitoba. When it is quarried, crushed, heated in kilns, and combined with aggregate, it forms concrete.

Pyrite is also known as fools' gold. Prospectors would test gold finds by placing the rocks in water. If the gold rusted then it was pyrite and not the real thing!



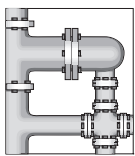
Not everything is known about the formation of oil and natural gas, but it is commonly believed that they are formed from the remains of ancient plants and animals.

Gypsum is dried and ground for wallboard, plastics, paint and paper.



Stainless steel pots are made from an alloy of chromium, nickel and iron. The chromium is rust resistant and made from chromite.

Stainless steel is the largest end use for nickel. It is highly resistant to hot and cold temperatures, easy to clean and resistant to corrosion. Coins, surgical instruments, batteries and household goods such as cutlery and sinks contain nickel.



Water in your home flows through pipes made from copper. Copper is a good conductor of heat and found in wiring, cooking pots, and telephone lines.

Sphalerite is the primary mineral of zinc ore. The main use of zinc is in coating or galvanizing other metals. It is found in roofing materials and used to rust-proof cars.



Potash has a high concentration of potassium. Today, 95% of potash produced world-wide is used for fertilizer.

The crystal of your watch face may be made of quartz. Quartz is a very hard mineral that has crystalized.

