



Mining is Essential.

The materials and products we deliver play a critical role in keeping us and the rest of the world healthy, safe and connected.



Our impact on the healthcare sector



Variety of Metals

A variety of metals, including nickel, are used to make lithium-ion rechargeable batteries that power portable ventilators.



Gold

is a critical component in diagnostic COVID-19 test kits.

Gold nanoparticles penetrate cell walls, helping deliver drugs that treat malaria, HIV, arthritis and cancerous tumors.



Nickel

is an essential material used in a wide variety of medical instruments and devices where the highest standards of hygiene and sterility are essential.



Silver

is used in hospital fabrics and devices, leveraging its antimicrobial properties to reduce bacterial contamination and prevent cross-infection.



Copper

is antimicrobial. Hospitals integrate it into physical settings such as bed rails, door handles, IV poles and other exposed surfaces. It is used to help reduce the risk of infection.



Platinum Group Metals

have high biological compatibility and are used to make key components for essential medical devices, like implantable defibrillators, pacemakers, and other medical implants.



Our impact on essential life needs



Nickel

contained in stainless steel plays a vital role in food safety at every link in the food chain.



Copper

is naturally anti-microbial, important in the storage and transportation of water.



Platinum Group Metals

help desalinate water for us to drink.



Silver

is used to help purify water and control bacteria growth.



Minerals and Metals

Metals are used to help build and maintain our homes, chosen for their durability, strength and resistance to weather.



Our impact on keeping the world connected and safe



Nickel

is found in our mobile phones and laptops, as well as in the rechargeable batteries we use for electronics, vehicles and emergency power.



Copper

is found in hydro transformers and wiring, keeping the electricity on in our homes and workplaces.



Gold

is the world's most reliable and durable electrical conductor, essential for computer electronics and satellite communications.



Silver

is found in virtually every electronic device. If it has an on/off button, it's likely that silver is inside.