

## Mining and Processing

The key mine features would include open pit mining and ore processing to produce a copper concentrate with molybdenum and gold byproducts.

## Mining

The expected mine life would be more than 25 years.



Open pit mine developed to extract ore.



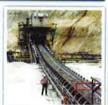
Explosives are placed in drill holes in the rocks.



Explosions break the ore into blocks.



Large trucks take ore to a crusher for crushing.



Conveyor transports crushed ore to process plant.

## **Processing**

A flotation process plant treats ore to recover copper concentrate.

No cyanide is used.



Ore ground to fine powder.



Ore mixed with water, chemicals and air to form wet concentrate.



Copper concentrate collected and dried.

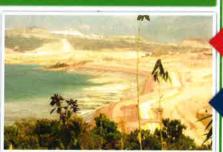


Copper concentrate with trace amounts of gold and molybdenum.

## Outputs Products and Waste



Copper concentrate exported to refinery for processing into metal



Co-Disposal Storage Facility receives tailings and waste rock.

Tailings produced in process are piped to and stored in the Co-Disposal Storage Facility.

> Rocks that contain very small amounts of metal i.e. waste rock, are placed in Co-Disposal Storage Facility.