

Stamp Mill Mining Process

Directions: Read each step for the stamp mill mining process below. Cut out each strip. Arrange the strips into chronological order.

A conveyor belt sends ore to another bin.
Metal stamps crush the ore.
A worker spreads more mercury on the copper plates.
After a few days, the free gold bonds to the cyanide solution.
The gold/cyanide mixture called the pregnant solution is mixed with zinc shavings. The zinc-shavings separate the gold from the solution.
Build the stamp mill on a hill. This allows gravity to move the ore from one step to the next.
A worker scrapes gold from the copper plates.
Wagons or dump trucks dump the ore onto a platform and ore bin.
The non-free gold dumps into cyanide tanks.
The free gold spreads out on the copper plates of the amalgamation tables.
A jaw crusher breaks down the ore.