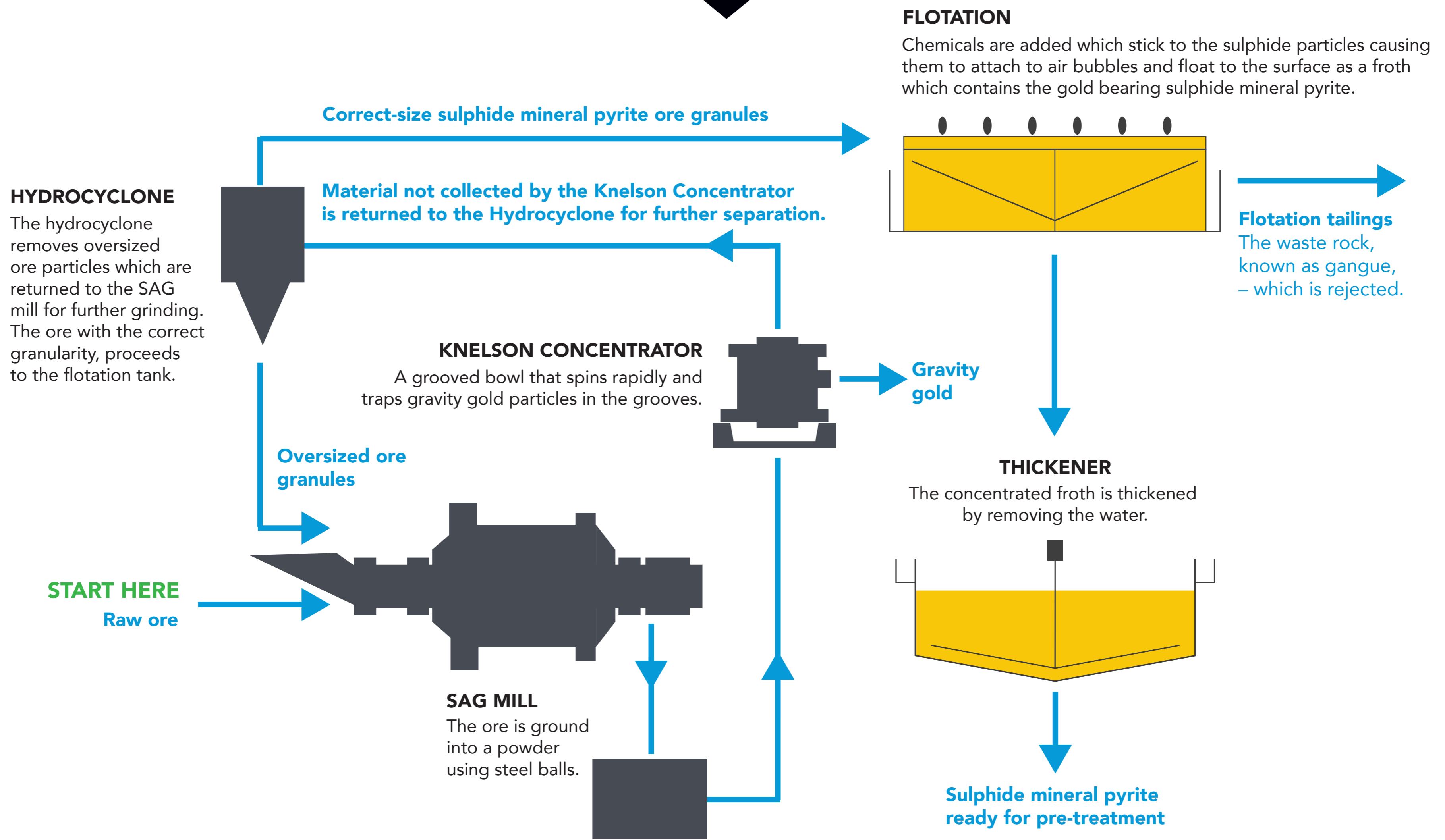


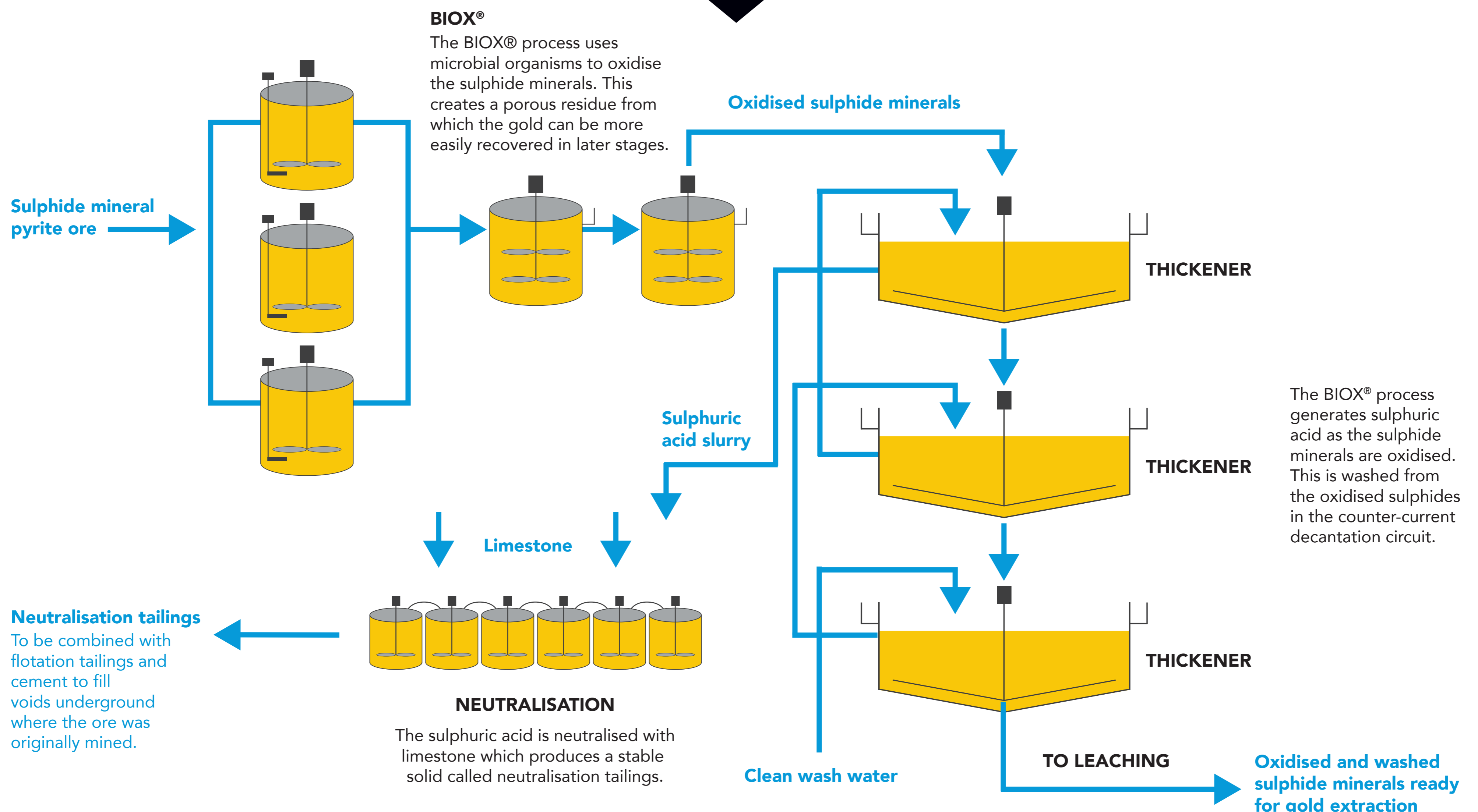
# STEP 1: Raw ore treatment

The ore brought from underground is blended, crushed and fed into the plant in order to start the process of extracting the gold.



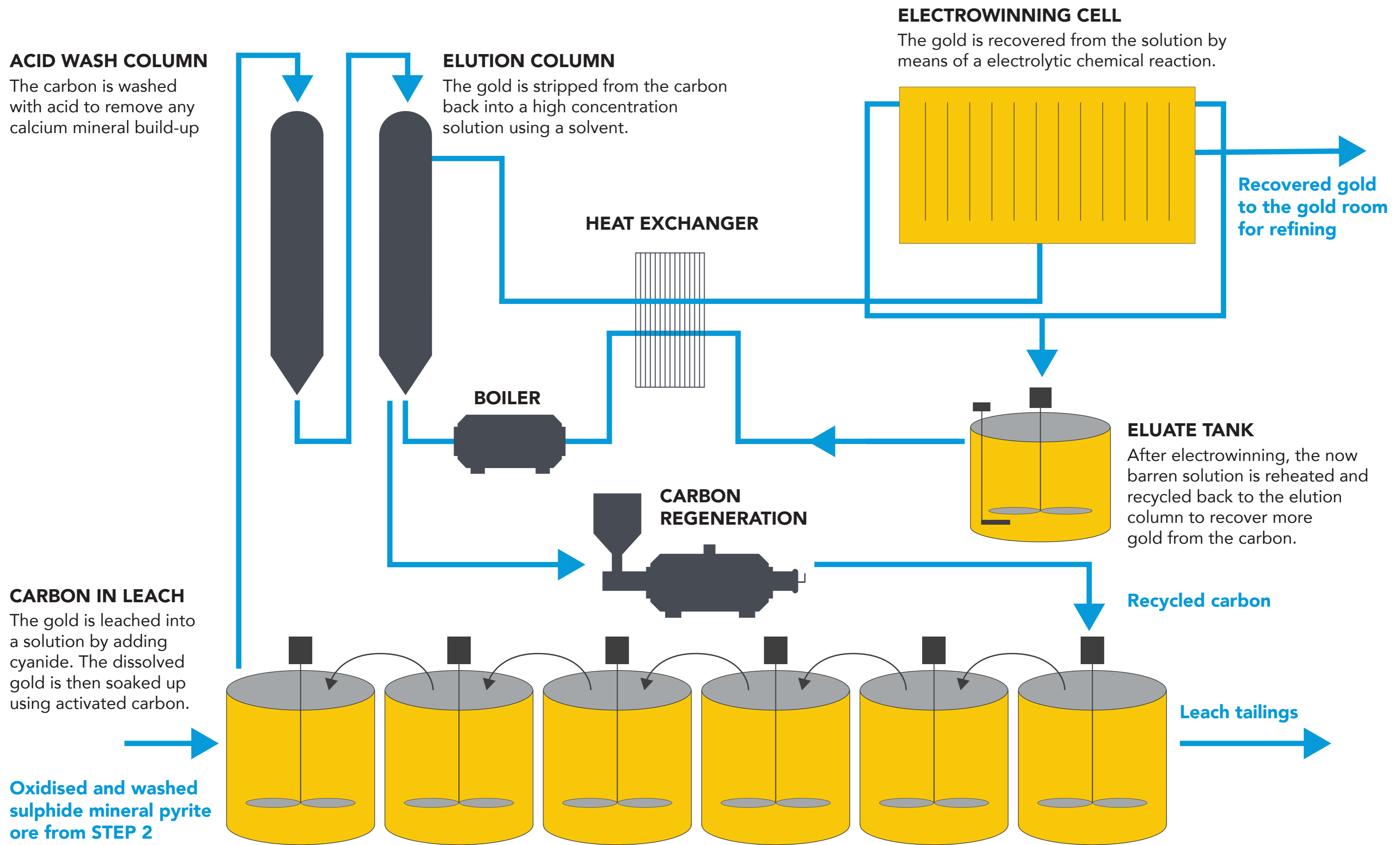
# STEP 2: Sulphide mineral pyrite pre-treatment

The gold mined at Fosterville is found as both very small nuggets, known as gravity gold, and as microscopic particles dispersed in sulphide mineral pyrite (also known as fool's gold). The gravity gold is recovered in a centrifuge-like machine (– see Step 1) – while the sulphide mineral pyrite undergoes a complex gold extraction process.



# STEP 3: Leaching, absorption, elution and electrowinning

The oxidised and washed sulphide mineral pyrite ore now undergoes a chemical process to extract the gold.



## Wastewater treatment

Large volumes of water are produced from underground as mining progresses. This water contains dissolved metals that interfere with the BIOX<sup>®</sup> process. To be able to treat mine water effectively there needs to be a combination of chemical and mechanical filtration.

