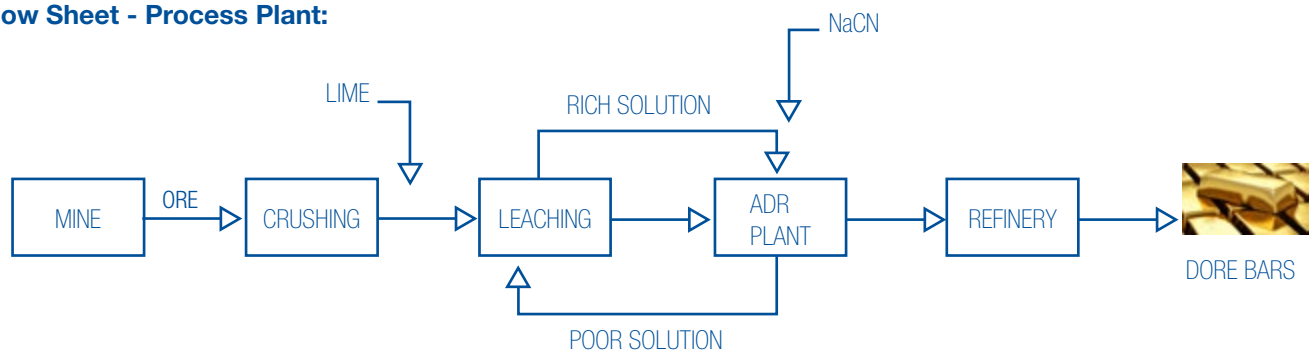


# TECHNICAL SPECIFICATIONS DORE

Metallurgical process to recover gold and silver includes following steps: ore crushing, heap leaching of cyanide solution and recovery with activated charcoal at ADR Plant. The product obtained is the electrolytic cement which will be smelted at the refinery to final obtain the Dore Bar. Below flow sheet shows the process:

## Flow Sheet - Process Plant:



## Characteristics of a Dore Bar:

### Shape

Pyramidal log with rectangular base:

### Approximate measures:

- Upper length = 18 cm.
- Upper width = 8.5 cm.
- Lower length = 23 cm.
- Lower width = 11.5 cm.
- Height = 8 cm.

### Weight of each dore bar ingot

Between 15 and 25 kg.

### Chemical Composition

\*40 to 60 % Au, 30 to 50 % Ag and lower than 20% Cu, Fe, Zn

### Colouring

Golden-yellow (variable according to Au %)

\*Variable Value according to the behavior of ore annually.

