

Summary Description of the Mill

Crushing

The 0" – 12" underground ore is hoisted in a 500 tm silo. This ore feeds a jaw crusher followed by a screen with two bridges and two cone crushers to give a final product of 0" - 3/8" which is stored in a 1200 tm silo.

Grinding

Ore coming from the 1200 tm silo feeds a rod mill followed by three ball mills in parallel to a capacity of 750 tpd. The product coming out of this circuit is 80 % passing 200 meshes and is sent to a 40 foot thickener.

Cyanidation

The pulp from the thickener feeds a series of eight reservoirs where there is an addition of cyanide. There is activated carbon in the last four reservoirs where the gold is absorbed.

Desorption

The loaded carbon coming from the cyanide tanks feeds a vessel under pressure. The rich solution is sent to an electrolytic cell to precipitate gold.

Refinery

The mud collected from the cell is dried and placed in a "Wabi" propane furnace to finalize the gold refinery and thus to pour a brick.