



- Mines
- Rampura Agucha
- Rajpura Dariba
- Sindesar Khurd
- Zawar
- Kayad
- Smelter
- Power
- Products

Overview

Zawar Mines consists of four mines namely Mochia, Balaria, Zawar Mala and Baroi with average zinc-lead reserve grade of 4.6%. Zawar group of mines are a symbol of the Company's legacy with constant addition to its reserve and resource base. Access to the mines as well as ore hoisting hauling is through shaft decline. The mine produced 3.3 million MT of ore in FY 2020. It has a reserve of 14.2 million MT and mineral resource base of 82.2 million MT as on March 31, 2020.

Key Facts

- Location : Zawar, Rajasthan, India
- Mining Type : Underground
- Mining Method : Long hole open stoping
- Products : Lead and zinc concentrate
- Certifications : ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007, SA 8000:2008 & 5S

Background Information

Zawar group of mines are located about 40 kilometres south of Udaipur, in the state of Rajasthan in India. Zawar is very well connected with roads. Power requirement is adequately sourced from its 80 MW coal based captive thermal power plant.

Process Description

Mining:

Lead -Zinc ore is divided into stope blocks which are drilled and blasted using long hole open stoping mining method. Ore is either crushed to underground or at surface to feed mill. A backfill and a paste fill plants were recently completed to use tailings from ore beneficiation plants. The mine also has a dry stack tailing plant, the first of its kind in India.

Processing:

The ore is further crushed and milled before undergoing a flotation process, to produce the concentrate. Zinc and lead concentrates produced are transferred to our smelters.

