

WHY IS THE TAILINGS DUMP AT JERUY THE SAFEST?



Wastes belonging to hazard class 5 (practically safe) are stored at the tailings dump site. These are **decontaminated cakes with a moisture content of less than 20 %.**



Cakes are the wastes from the processing of gold ore, consisting of waste rock with minimum gold content.

The impervious screen provides drainage and runoff to the tailings dump sediment pond. The thickness of the geomembrane is 2.0 mm. Protective films of geotextile and a 0.5 m protective layer of soil are laid under and over the geomembrane.



Geomembrane completely seals the waste and eliminates the penetration of any substances into the soil and groundwater. If we declare that the tails are practically safe, it means that there are practically no hazardous substances there.

All water from the tailings dump site is returned to the Mill's production process via a water conduit for reuse



An aerial photograph of a large-scale industrial tailings dump. The dump is characterized by multiple terraced levels of reddish-brown earth, with a network of roads and drainage channels. In the background, a wide river flows through a valley, with snow-capped mountains visible in the distance under a clear sky.

An effective dust suppression system is used at the tailings dump using polymer reagents.

The tailings dump is designed to **store tailings in three phases**, for a total volume of 24 million tonnes of ore (15 million m³) for the entire period of operation. The total area is 64.1 ha.

Upon completion of the project, the site will be seeded with grass and returned to the agricultural land fund.

