CONCENTRATION Heavy minerals stored or recovered **Gravimetric** concentration Tin-bearing heavy minerals Crushing are isolated. The rock is crushed dry in the mine. **+** CONCENTRATION Extraction **Grinding** The ore is extracted from a mine underground to avoid nuisance and Water is added to the ore, the **Floating** preserve the landscape. mixture is very finely ground. + % Micas are separated from feldspar and quartz. The tailings are filtered and the water is recovered in a closed circuit. Waste rock is backfilled on site **Neutralisation** or recycled The mica concentrate is neutralised with lime. Transport The mica concentrate is transported by train to the conversion plant. 3 **Transport** The concentrate is transported to the loading station LOADING STATION via underground pipelines.

Filtering

grinding and flotation.

Concentrates are filtered before transport. Water is recovered for The water recovered in the next stage is conveyed in

the opposite direction.