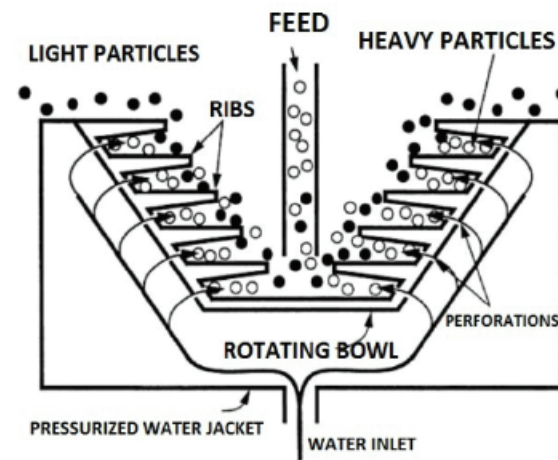


A **gravity concentrator** collects the free gold from the slurry. Free gold does not need to go through the cyanidation process, making it less expensive to process. The gravity concentrator separates denser material like gold from the lighter material and sends it to a holding tank. The lighter material returns to the Discharge pump to go back through the grinding circuit.



Schematic illustration of a Knelson Concentrator
Source: *Recovery of Silver From an Arsenical Silver Ore by Knelson Concentrator and Cyanide Leaching*