Converting Tailings into Mineral Resources

Silica settling ponds are a key component in bulk and recrystallisation of sand tailings. These ponds are a cost-effective method to achieve high levels of silica consolidation. It is critical for financial resource classification and valuation. Regular monitoring of the tailings pond is necessary to ensure the optimisation of cost and environmental impacts. The tailings pond is designed according to the specific characteristics of the tailings and the local environment. In conclusion, the integration of tailings pond design and management is crucial for sustainable resource recovery and environmental protection.