



Rehabilitation  
Reclamation  
Recovery

# TAILINGS RECLAMATION



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# Tailings Reclamation and Reprocessing

If you have a tailings dam sitting idle, we're here to help you turn it into a profitable asset.

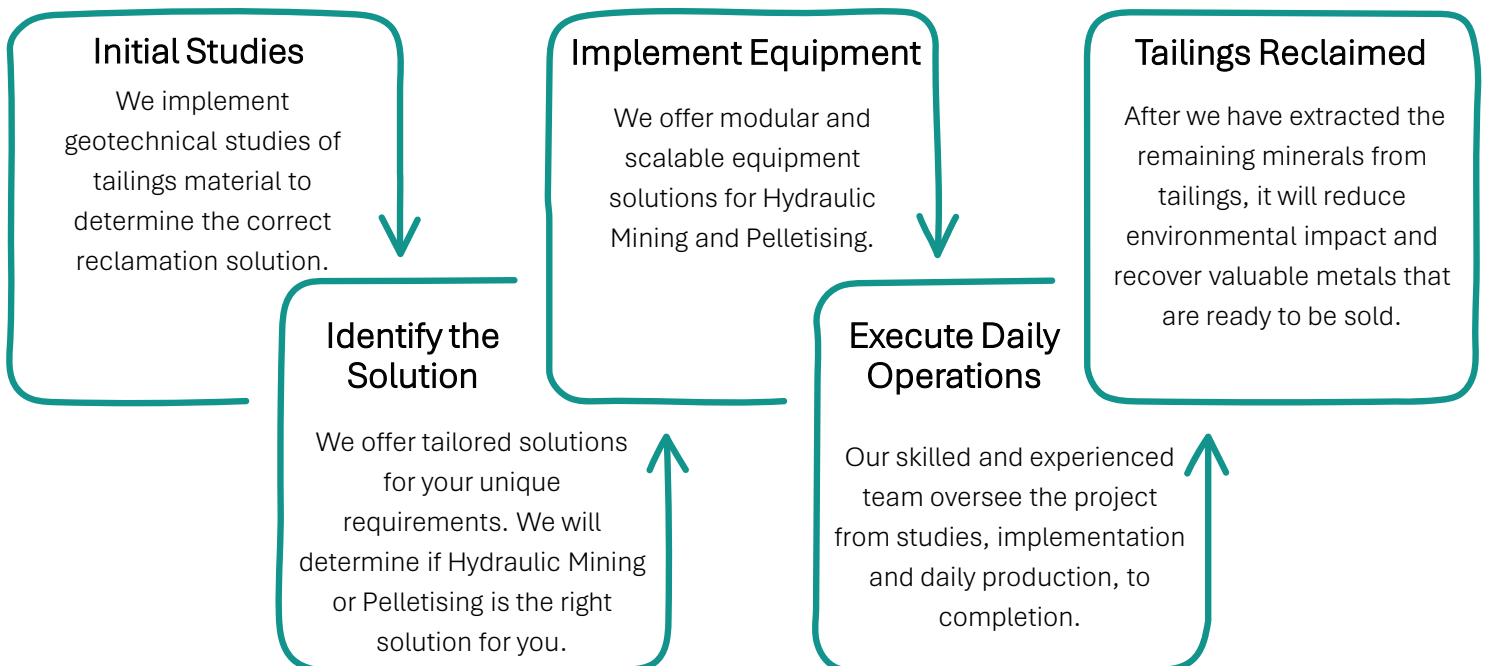
## What are Tailings?

Tailings are the mine waste materials left over after the extraction of desired minerals from ore. Traditionally, these materials are discarded into tailings storage facilities, taking up valuable space and posing environmental risks. However, with our tailings reprocessing and reclamation technology, we're transforming this waste into valuable economic resources.

Our method turns environmental liabilities into commercial opportunities, forging a path to a more sustainable industry model.



## Our Solution:



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# Why Reclaim Tailings?

## 01 Resource Recovery

Tailings reclamation allows your business to recover valuable minerals and metals that may have been overlooked during the initial extraction process. This can lead to new revenue streams and a more efficient use of resources.

## 02 Space Utilisation

Reclaiming tailings reduces the need for expansive tailings storage facilities, maximising site usability.

## 03 Environmental Benefit

Mining operations can significantly reduce the volume of waste stored in tailings dams.

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## Commodities:

We offer tailings reclamation services for a range of resources and commodities. These include:

28 <b>Ni</b> Nickel 58.6934	29 <b>Cu</b> Copper 63.546	6 <b>C</b> Carbon 12.011	79 <b>Au</b> Gold 196.9665
14 <b>Si</b> Silicon 28.0855	42 <b>Mo</b> Molybdenum 95.94	27 <b>Co</b> Cobalt 58.9332	3 <b>Li</b> Lithium 6.941

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## Hydraulic Mining

We offer comprehensive hydraulic mining services to extract minerals from tailings with precision and efficiency. Our expertise ranges from the supply of hydraulic cannons to the installation and day-to-day operation of hydraulic mining systems.

Our systems can be operated remotely using a simple tablet interface, ensuring the safety of operators while maximising efficiency.



Modular design of all equipment for simple site establishment and scale-up.



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## Pelletising

Our pelletising technology compacts tailings into stable pellets, which can then be further processed to extract remaining valuable metals or safely repurposed.

“ At XR3, we’re not just solving problems; we’re setting new standards by creating value from what was once considered waste, demonstrating that responsible resource management and profitability can go hand-in-hand. ”



If you're looking to experience innovation and excellence at your business, get in touch with us today.

## Contact Us

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## Visit Our Website

[www.xr3services.com](http://www.xr3services.com)