

# **Mining Waste Management Market Report by Mining Type (Surface, Underground), Mineral/Metal (Coal, Iron, Gold, Aluminium, Copper, Nickel, and Others), Waste Type (Waste Rock, Tailings, Mine Water, and Others), and Region 2024-2032**

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## **Abstracts**

The global mining waste management market size reached 209.5 Billion Tons in 2023. Looking forward, IMARC Group expects the market to reach 308.9 Billion Tons by 2032, exhibiting a growth rate (CAGR) of 4.3% during 2024-2032.

Mining waste management refers to the techniques employed for proper disposal and storage of mining waste. Mining waste is generated during the extraction and processing of metals and minerals, such as coal, copper, gold, iron, lead, zinc and bauxite. Some of the commonly used mining waste management techniques include overburden, tailing and mine water management. Overburden is used for contouring land, reprocessing and obtaining construction aggregate for buildings and roads. Mine tailing is used for producing tiles, clay, glass and concrete and mine water management involves treatment and utilization for dust and particulate suppression and agricultural or industrial use. They offer various benefits, such as minimal contamination of air, soil and water, along with the sustainable management of the mining resources.

Significant growth in the mining industry, along with rapid industrialization across the globe, represents as the key factors creating a positive impact on the market growth. Furthermore, increasing environmental consciousness among the processors is also augmenting the market growth. Due to the growing global population, there is a substantial increase in the demand for various metal and minerals, thereby leading to a surge in the mining activities. This, in turn, is increasing the requirement for mining waste management techniques to minimize the adverse effects on the environment.

Additionally, the widespread adoption of electric vehicles (EVs) is acting as another growth-inducing factor. EVs require a complex concentration of metals, including cobalt, nickel and lithium, that are primarily obtained through mining activities. Mining waste management aids in sustainable recycling and responsible sourcing of these metals. Other factors, including the growing requirement for efficient waste management after deepwater and ultra-deepwater oil mining and extraction activities, technological advancements and increasing demand of metals and minerals across various industries, are anticipated to drive the market further.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global mining waste management market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on mining type, mineral/metal and waste type.

#### Breakup by Mining Type:

- Surface
- Underground

#### Breakup by Mineral/Metal:

- Coal
- Iron
- Gold
- Aluminium
- Copper
- Nickel
- Others

#### Breakup by Waste Type:

- Waste Rock
- Tailings
- Mine Water
- Others

#### Breakup by Region:

- North America

United States  
Canada  
Asia Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being AMEC Foster Wheeler Plc (John Wood Group Plc), Ausenco Limited, EnviroPacific Services Limited, EnviroServ Waste Management Ltd., Golder Associates Inc. (Enterra Holdings Ltd.), Hatch Ltd., Interwaste Holdings Limited (S?ch? South Africa Proprietary Limited), Teck Resources Limited, Tetra Tech Inc., Veolia Environnement S.A. and Ramboll Group A/S.

#### Key Questions Answered in This Report

1. What was the size of the global mining waste management market in 2023?
2. What is the expected growth rate of the global mining waste management market during 2024-2032?
3. What are the key factors driving the global mining waste management market?
4. What has been the impact of COVID-19 on the global mining waste management

market?

5. What is the breakup of the global mining waste management market based on the mining type?

6. What is the breakup of the global mining waste management market based on the waste type?

7. What are the key regions in the global mining waste management market?

8. Who are the key players/companies in the global mining waste management market?

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