

HYDROMETALLURGY

Meaning: Hydrometallurgy is a branch of metallurgy that involves the extraction of metals from their ores using aqueous solutions.

1. Hydrometallurgy is often used to extract valuable metals from ores through aqueous solutions.
2. The advancements in hydrometallurgy have significantly improved the efficiency of metal recovery processes.
3. Researchers are exploring new hydrometallurgy techniques to minimize environmental impacts in mining operations.
4. Hydrometallurgy plays a crucial role in recycling electronic waste by recovering precious metals.
5. Understanding the principles of hydrometallurgy is essential for engineers working in the metallurgical industry.

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