

Bioleaching

Bioleaching is the extraction of specific metals from their ores through the use of living organisms. Bioleaching is one of several applications within biohydrometallurgy and several methods are used to recover copper, zinc, lead, gold and nickel. Several species of fungi and bacteria are used for bioleaching. For example fungal species like *Aspergillus niger*, *Penicillium simplicissimum* were able to mobilize copper by 65% and Aluminum, Nickel and Zinc by more than 95%.

dmohankumar.wordpress.com