

Organic wastes as a means of accelerating recovery of acid strip-mine lakes

s.n - Restoration of Mined Areas



Description: -

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Notes: 13

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Field

The purpose of conditioning is to improve physical properties, such as reduction of hydraulic conductivity, to limit the ARD process.

Acid mine drainage

Mined out pits are also being used for under water deposition and storage of sulphide tailings MEND, 1995. Microbial remediation offers several advantages over conventional techniques such as land filling or incineration.

Effects of acid mine wastes on aquatic ecosystems

In: Proceedings of 6th International Conference on Acid Rock Drainage ICARD , July 12-18, Cairns, QLD, Australia, AusIMM, 341-349. This greasy coating allows the internal enzymes of the bacteria, which require a near-neutral pH, to function normally in an acid environment Langworthy, 1978; Ingledew, 1982. The excess sulfide was converted to elemental sulfur by partial oxidation Fig.

Acid mine drainage formation, control and treatment: Approaches and strategies

Therefore, future technologies and measures for handling eutrophic water bodies will become more advanced and effective.

Acid mine drainage

Mine tailings range from highly acidic pH 2 to alkaline pH 9 , depending on the carbonate content and acid-generating potential. We can sustain forests by emphasizing the economic value of their ecological services, removing government subsidies that hasten their destruction, protecting old-growth forests, harvesting trees no faster than they are replenished, and planting trees. Reclamation of Sulphide Tailings using Municipal Solid Waste Compost: Literature Review and Recommendations.

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