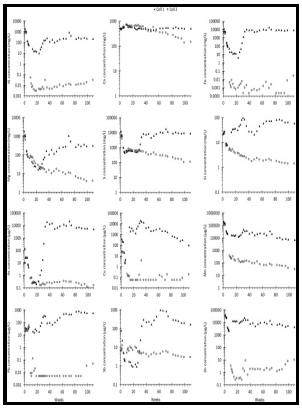
The effect of rehabilitation on the rate of oxidation of pyrite in a mine waste rock dump

s.n - Effect of rehabilitation of the oxygen concentrations in waste rock dumps containing pyritic material (Conference)



Description: -
-The effect of rehabilitation on the rate of oxidation of pyrite in a mine waste rock dump
-The effect of rehabilitation on the rate of oxidation of pyrite in a mine waste rock dump
Notes: 13
This edition was published in 1987

Tags: #Proceedings #2015

Chapter 6

Organic carbon amendments for passive in situ treatment of mine drainage: Field experiments. Jarvis, Adam; Gandy, Catherine; Bailey, Matthew; Davis, Jane; Orme, Patrick; Malley, John; Potter, Hugh; Moorhouse, Arabella 2015 : Metal Removal and Secondary Contamination in a Passive Metal Mine Drainage Treatment System. For example, a gold tailings slurry initially at a solids content of 42% increases in dry solid density from approximately 0.

The dynamics of oxygen transport into soil covered mining waste deposits in Sweden

Dobchuk, Bonnie; Scott, Peter; Weber, Paul; Christensen, Dave; Mhando, Yusuph 2015 : Case study of Geita Gold Mine: An Example of Proactive AMD Mitigation Performance. Journal Fluid Mechanics 92, 609—629.

Sustainable rehabilitation of mining waste and acid mine drainage using geochemistry, mine type, mineralogy, texture, ore extraction and climate knowledge

Operational experience indicates that, for effective blending of PAG rock with limestone, it is essential that all size fractions within the blend be at least acid-base neutral i. Sulphur separation can also be achieved as an objective of metallurgical processing of ore, for porphyry copper ores, for example. Heat source distributions were derived from temperature profiles measured in the dump.

Effect of rehabilitation of the oxygen concentrations in waste rock dumps containing pyritic material (Conference)

These covers are best suited to climate regimes where the potential evapotranspiration to precipitation ratio is less than 1. This process would involve construction of seals and also perhaps reinforcing of some areas in advance of flooding to accommodate water flow. The primary purpose of placing dry covers over reactive waste material is to minimize ARD and ML production and to minimize its transport.

Sustainable rehabilitation of mining waste and acid mine drainage using geochemistry, mine type, mineralogy, texture, ore extraction and climate knowledge

Figure 6-7: Example Waste Rock Encapsulation Strategy 6.

Proceedings 2015

Bailey, Matthew; Jarvis, Adam; Gandy, Catherine 2015 : Characterization of Passive Treatment System Substrates and Potential for Zinc Recovery. Single soil layers were also used in North America for revegetation of mining wastes and it was hoped that they would reduce ARD.

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