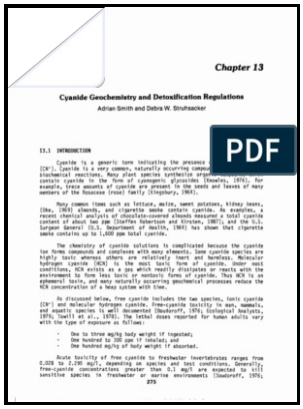
Long-term degradation of cyanide in an inactive leach heap

Colorado State University, Geotechnical Engineering Program - Considerations in the reclamation of cyanide heap leach dumps



Description: -
-Long-term degradation of cyanide in an inactive leach heap
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Photochemical Changes in Cyanide Speciation in Drainage from a Precious Metal Ore Heap

The crude product, C 5 H 11 O CH 2 6 OC O CH 3, was distilled at 125° C. Its Mining Act is designed ensure that enough financial assurances exist to pay for any cleanup, so the state and taxpayers are not left high and dry, which was the case in Colorado with the Summitville cyanide disaster.

cyanide heap leaching sufrace

A composite sample was also produced for head assay and individual screen fraction analysis of gold and silver by fire assay and atomic absorption methods. Although thiocyanate is approximately seven times less toxic than cyanide, increased thiocyanate concentrations in the body resulting from chronic cyanide exposure can adversely affect the thyroid. The procedures outlined in this paper are based upon our experience in designing detoxification tests to satisfy regulatory requirements.

Cyanide Destruction in Gold Heap Leach

An even greater amount of financial assurance may be required if the Idaho Board of Land Commissioners deems it necessary. Smith 2004 State of the practice review of heap leach pad design issues.

Leaching of precious metal ore with fluoroaliphatic surfactant

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