Geochemical Modeling: for Mine Site Characterization and Remediation (Paperback)

By -

Society for Mining, Metallurgy, and Exploration, United States, 2018. Paperback. Condition: New. Language: English . Brand New Book. Geochemical Modeling for Mine Site Characterization and Remediation is the fourth of six volumes in the Management Technologies for Metal Mining Influenced Water series about technologies for management of metal mine and metallurgical process drainage. This handbook describes the important components of hydrogeochemical modeling for mine environments, primarily those mines where sulfi de minerals are present-metal mines and coal mines. It provides general guidelines on the strengths and limitations of geochemical modeling and an overview of its application to the hydrogeochemistry of both unmined mineralized sites and those contaminated from mineral extraction and mineral processing. The handbook includes an overview of the models behind the codes, explains vital geochemical computations, describes several modeling processes, provides a compilation of codes, and gives examples of their application, including both successes and failures. Hydrologic modeling is also included because mining contaminants most often migrate by surface water and groundwater transport, and contaminant concentrations are a function of water residence time as well as pathways. This is an indispensable resource for mine planners and engineers, environmental managers, land managers, consultants, researchers, government regulators, nongovernmental organizations, students,...

READ ONLINE
[3.52 MB]

Reviews

Completely essential study publication. Better then never, though i am quite late in start reading this one. I am very easily could get a delight of reading a composed publication.
-- Marilyne Macejkovic

This publication is wonderful. It is amongst the most remarkable pdf i have got read. Its been written in an exceptionally basic way and it is merely after i finished reading through this pdf in which really transformed me, alter the way i really believe.
-- Shayne Schneider