1. Record Nr. UNINA9910464790903321 Sampling and monitoring for the mine life cycle / / edited by Virginia T. Titolo McLemore, Kathleen S. Smith, and Carol C. Russell Pubbl/distr/stampa Englewood, Colorado:,: Society for Mining, Metallurgy & Exploration,, 2014 ©2014 **ISBN** 1-5231-3821-1 0-87335-398-6 Descrizione fisica 1 online resource (814 p.) Management Technologies for Metal Mining Influenced Water:: Volume Collana 628.1/6832 Disciplina Soggetti Mines and mineral resources - Environmental aspects Runoff Groundwater - Pollution Water - Sampling Environmental monitoring Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Cover; Title Page; Copyright; Contents; Preface; Chapter 1: Nota di contenuto Introduction; 1.1 Synopsis; 1.2 Organization of This Handbook; 1.3 Role of this Handbook; 1.4 Importance of Defining Questions; 1.5 Sampling and Monitoring for Closure: 1.6 Terminology: Chapter 2: Sampling and Monitoring During the Mining Phases; 2.1 Introduction; 2.2 Exploration (Premining/Undisturbed); 2.3 Mine Development; 2.4 Operations; 2.5 Closure/Postclosure; 2.6 Historical, Inactive, and Abandoned Mines; 2.7 Summary; Chapter 3: Sampling Considerations in the Mining Environment; 3.1 Introduction; 3.2 Sampling Overview

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Sommario/riassunto

Sampling and Monitoring for the Mine Life Cycle provides an overview of sampling for environmental purposes and monitoring of environmentally relevant variables at mining sites. It focuses on environmental sampling and monitoring of surface water, and also considers groundwater, process water streams, rock, soil, and other media including air and biological organisms. The handbook includes an appendix of technical summaries written by subject-matter experts that describe field measurements, collection methods, and analytical techniques and procedures relevant to environmental sampling and moni