

1. Record Nr.	UNINA9910960123303321
Titolo	Seismic signals from mining operations and the Comprehensive Test Ban Treaty : comments on a draft report by a Department of Energy working group // Committee on Seismic Signals from Mining Activities, Board on Earth Sciences and Resources, Commission on Geosciences, Environment, and Resources, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1998
ISBN	9786610246571 9781280246579 128024657X 9780309592192 0309592194 9780585146720 0585146721
Edizione	[1st ed.]
Descrizione fisica	1 online resource (68 p.)
Collana	The compass series
Disciplina	327.1/747
Soggetti	Blasting Rock bursts Induced seismicity Underground nuclear explosions - Detection Nuclear weapons - Testing - Detection
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
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WORK -- ADDITIONAL BENEFITS -- 5 Communications -- TRADE ASSOCIATIONS -- PROFESSIONAL SOCIETIES -- GOVERNMENT AGENCIES -- 6 Additional Research -- SYMPATHETIC DETONATIONS -- PROGRAMMABLE DETONATORS -- GROUND FAILURES -- INSTRUMENTATION AND ANALYSIS OF GROUND MOTION WAVEFORM CHARACTERISTICS -- DISCRIMINATION OF SEISMIC SIGNALS -- 7 Conclusions -- Appendix A Specific Comments on the Draft Report of the DOE Working Group -- BLASTING -- Problem Statement -- Representativeness of the Study Site -- Blasting Recommendations -- Reduction of Charge Weights -- Amount of Explosive per Delay -- Smaller Borehole Diameters and Smaller Bench Heights -- Decoupled and Decked Charges -- More Stemming and Less Subgrade Drilling -- Delay Period -- Use of Programmable Detonators -- Close-in Seismic Warning Stations -- GROUND FAILURES -- CALIBRATION OF MINING SIGNALS -- PRESENTATION OF DATA -- Appendix B Executive Summary -- Appendix C Committee on Seismic Signals from Mining Activities.

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