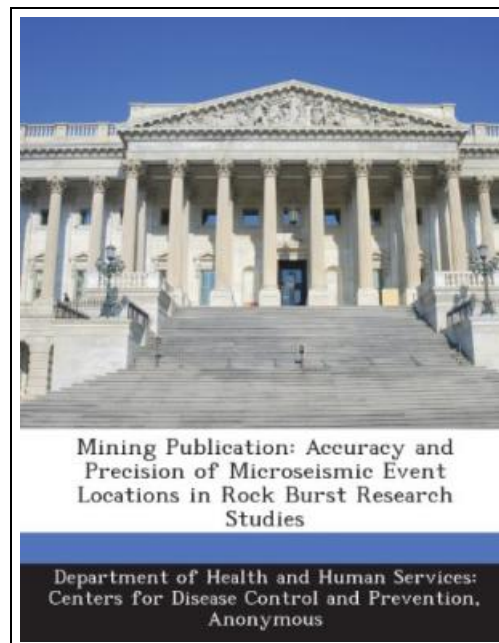


Mining Publication: Accuracy and Precision of Microseismic Event Locations in Rock Burst Research Studies (Paperback)



Filesize: 1.48 MB

Reviews

This ebook will never be straightforward to get started on looking at but really fun to read. It is amongst the most incredible publication i have got read through. I realized this pdf from my i and dad encouraged this publication to learn.
(Mrs. Anya Kautzer)

MINING PUBLICATION: ACCURACY AND PRECISION OF MICROSEISMIC EVENT LOCATIONS IN ROCK BURST RESEARCH STUDIES (PAPERBACK)

[DOWNLOAD](#)


To download **Mining Publication: Accuracy and Precision of Microseismic Event Locations in Rock Burst Research Studies (Paperback)** eBook, make sure you follow the hyperlink beneath and download the ebook or have access to other information which are related to MINING PUBLICATION: ACCURACY AND PRECISION OF MICROSEISMIC EVENT LOCATIONS IN ROCK BURST RESEARCH STUDIES (PAPERBACK) ebook.

Bibliogov, United States, 2013. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Stability analyses of fractured and faulted rock masses require delineation of the position, extent, and orientation of geologic discontinuities. The size of the smallest active discontinuity that may potentially be resolved using the spatial distribution of microseismic event locations is limited by the accuracy and precision of the location methods. At a hard-rock mine in Coeur d Alene mining district of northern Idaho, two data sets consisting of calibration blast signals from a known source site and origin time and microseismic event signals were recorded using a stope-wide accelerometer array. These seismic signals are used to quantify various sources of error in event location. Five factors influencing source location errors are examined in this U.S. Bureau of Mines study: (1) biases of the numerical source location techniques, (2) receiver array geometries, (3) uncertainties in receiver positions, (4) errors in picking arrival times, and (5) uncertainties in seismic velocity structure, including the effect of mine openings. In addition, synthetic data (accelerometer positions, travel-time picks, and wave velocity) are used to determine the effect of known systematic and random errors on source location calculations. It is shown that the commonly accepted association of minimum travel-time residuals with the best location solution does not necessarily hold true when there is a systematic error in seismic velocity. Recommendations are made for increasing the accuracy and precision of locations of microseismic events detected under similar field conditions.

[Read Mining Publication: Accuracy and Precision of Microseismic Event Locations in Rock Burst Research Studies \(Paperback\) Online](#)

[Download PDF Mining Publication: Accuracy and Precision of Microseismic Event Locations in Rock Burst Research Studies \(Paperback\)](#)

Other Books



[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Access the web link below to read "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" file.

[Save Book »](#)



[PDF] Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Access the web link below to read "Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]" file.

[Save Book »](#)



[PDF] Edge] the collection stacks of children's literature: Chunyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)

Access the web link below to read "Edge] the collection stacks of children's literature: Chunyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)" file.

[Save Book »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)

Access the web link below to read "TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)" file.

[Save Book »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Access the web link below to read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" file.

[Save Book »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

Access the web link below to read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" file.

[Save Book »](#)