

## Geological Survey professional paper Volume 864, pt. 1



Filesize: 7.4 MB

### ***Reviews***

*This composed pdf is excellent. We have go through and that i am certain that i am going to likely to read again once more down the road. I am just happy to explain how this is basically the very best publication i have go through within my own daily life and can be he best publication for actually.*  
**(Anika Kertzmann)**

## GEOLOGICAL SURVEY PROFESSIONAL PAPER VOLUME 864, PT. 1



To download **Geological Survey professional paper Volume 864, pt. 1** eBook, make sure you click the link listed below and save the ebook or have accessibility to additional information which might be highly relevant to GEOLOGICAL SURVEY PROFESSIONAL PAPER VOLUME 864, PT. 1 ebook.

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 30 pages. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1975 Excerpt: . . . FOR THE JOINTING SYSTEMS Joint systems were developed in the Watchung Basalt as a result of stress fields set up by three geologic processes which acted upon the rocks of the graben. Cooling of the lava flows gave rise to the cooling joints. The tectonic forces associated with the post-Triassic folding and the accompanying deformation of the graben produced the tectonic joints. During the Pleistocene Epoch the northern part of the eroded remnant of the former graben was covered by a continental glacier which compressed the rocks beneath it; and, after the ice melted, the resulting decompression of the basalts is thought to have produced sheeting (Faust, unpub. data). PETROCHEMISTRY The Watchung Basalt flows and the Palisade Diabase intrusion were probably derived from the same magma chamber. Accordingly, the chemistry of the Watchung Basalt is of prime interest in discussing the course of differentiation in the Palisade Diabase sill, but surprisingly few analyses of the basalt exist. Lewis (1908) used eight superior chemical analyses to interpret the chemistry of these rocks. Five of the analyses were for First Mountain and three for Third Mountain. He placed these samples in their approximate stratigraphic position--designated as lower, middle, and upper layers--in order to discuss their significance. The analyses of the rocks from First Mountain suggested that  $Al_2O_3$  and  $(Fe_2O_3, FeO)$  remained essentially constant throughout the thickness of the sheet and that  $Na_2O$  is at a minimum at the middle layer, whereas  $CaO$  is at a maximum. Silica increased only slowly towards the top...



[Read Geological Survey professional paper Volume 864, pt. 1 Online](#)



[Download PDF Geological Survey professional paper Volume 864, pt. 1](#)

## See Also



**[PDF] Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)**

Click the web link below to read "Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)" PDF document.

[Download eBook »](#)



**[PDF] A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home (Paperback)**

Click the web link below to read "A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home (Paperback)" PDF document.

[Download eBook »](#)



**[PDF] Southern Educational Review Volume 3 (Paperback)**

Click the web link below to read "Southern Educational Review Volume 3 (Paperback)" PDF document.

[Download eBook »](#)



**[PDF] A Year Book for Primary Grades; Based on Froebel s Mother Plays (Paperback)**

Click the web link below to read "A Year Book for Primary Grades; Based on Froebel s Mother Plays (Paperback)" PDF document.

[Download eBook »](#)



**[PDF] Froebel s Occupations (Paperback)**

Click the web link below to read "Froebel s Occupations (Paperback)" PDF document.

[Download eBook »](#)



**[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)**

Click the web link below to read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)" PDF document.

[Download eBook »](#)