

## **SIXTH INTERNATIONAL SYMPOSIUM ON SALT**

May 24 – 28, 1983

Toronto, Ontario, Canada

Foreword (pdf 31.05 kB)

### **INTRODUCTION**

Sixth Salt Symposium: An Introduction (pdf 136.11 kB) by B. Charlotte Schreiber

### **GEOLOGY, GEOPHYSICS, EVAPORITES, GEOCHEMISTRY, TECTONICS**

#### **Geology, Geophysics**

Dedication to Kenneth K. Landes (pdf 30.91 kB) by L.F. Dellwig

The Problem of Distinguishing Between Primary and Secondary Features in Evaporites (pdf 1.77 MB)  
by Lawrence A. Hardy, T.K. Lowenstein and R.J. Spencer

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D.J. Shearman

Clay Laminations in Halites; Their Cause and Effect (pdf 228.34 kB) by P. Sonnenfeld and P.P. Hudec

Permian Evaporite Deposits of the Italian Alps (Dolomites): The Development of Unusual and  
Significant Fabrics (pdf 617.10 kB) by Marc. L. Helman and B. Charlotte Schreiber

Geology of the Wucheng Trona Deposit in Henan, China (pdf 297.94 kB) by Zhang Youxun

Geology of the Owens Lake Evaporite Deposit (pdf 396.97 kB) by Sidney S. Alderman, Jr.

The Geology of Denison-Potacan's New Brunswick Potash Deposit (pdf 553.96 kB) by D.C.E. Waugh  
and B.R. Urquhart

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Stratigraphic Comparison of the Mississippian Potash Deposits in New Brunswick, Canada (pdf  
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All Evaporite Salt Deposits are the Same. Or Are They? (pdf 431.15 kB) by Nordau R. Goodman

The Mississippian Salt Deposit at Malagash, Nova Scotia – An Epitaph (pdf 24.90 kB) by Robert Evans

World Reserves of Mineable Potash Salts Based on Structural Analysis (pdf 844.12 kB) by Heimo Mayrhofer

### Evaporites

On the Significance of Evaporite Lamination (pdf 535.40 kB) by John K. Warren

Facies Associated with Primary Gypsum Nodules of Northern Egyptian Sabkhas (pdf 636.76 kB) by Ian West, Yehia A. Ali and M. Ezzeldin Hilmy

Borate Minerals in Salt Lake Deposits at Chaidamu Basin, China (pdf 313.55 kB) by Zian Ziqiang and Xuan Zhiqian

Characteristics of Salt Deposits in the Dry Salt Lake and the Formation of Potash Beds (pdf 92.73 kB) by Yuan Jianqi, Huo Chengyu and Cai Kequin

Nutrients and Ecology of the Western Salt and Exportadora de Sal Saltern Brines (pdf 433.32 kB) by Barbara J. Javor

Biological Systems in Northwestern Australian Salt Fields (pdf 424.51 kB) by Nathan Sammy

### Geochemistry

The Sulfate Problem in Marine Evaporites (pdf 573.30 kB) by Robert J. Hite

The Role of Pore Fluids in Evaporite Basins (pdf 506.54 kB) by Ronald J. Spencer

Studies of Fluid Inclusions in Halite and Euhedral Quartz Crystals from Salt Domes in the Danish-Norwegian Basin (pdf 386.94 kB) by J. Fabricius

Polyhalite Replacement After Gypsum at Ojo de Liebre Lagoon (Baja, California, Mexico): An Early Diagenesis by Mixing of Marine Brines And Continental Waters (pdf 322.69 kB) by Catherine Pierre

Trioctahedral Clay Mineral Assemblages in Paleozoic Marine Evaporite Rocks (pdf 798.37 kB) by Marc W. Bodine, Jr.

Chemistry and Origin of the Chilean Nitrate Deposits (pdf 789.97 kB) by Donald E. Garrett

### Tectonics

Geological Predictions of the Mining Feasibility within the Salt Domes at Upper Permian Zechstein, Central Poland (pdf 349.06 kB) by Jozef Poborski and Kazimierz Slizowski

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### Rock Mechanics

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SOLAR EVAPORATION, EVAPORATION, SALT PROCESSING AND TECHNOLOGY,  
OCCUPATIONAL SAFETY AND HEALTH

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