

NONMETALLIFEROUS STRATABOUND ORE FIELDS

Edited by

MILKA K. de BRODTKORB

*Consejo Nacional de Investigaciones
Científicas y Técnicas,
Universidad Nacional de La Plata
Argentina*



VAN NOSTRAND REINHOLD

New York



CONTENTS

Series Editor's Foreword / vii

Preface / xi

Contributors / xv

1	Strontium Isotopes as Natural Tracers in Minerogenetic Processes <i>Mario Barbieri</i>	1
2	Geochemistry of Barium <i>Mario Barbieri</i>	9
3	Celestite: Worldwide Classical Ore Fields <i>Milka K. de Brodtkorb</i>	17
4	Barite and Celestite Stratabound Ore Fields in Argentina <i>M. K. de Brodtkorb, I. B. A. Schalamuk, and S. Ametrano</i>	41
5	Brazilian Stratabound Barite Ore Fields <i>J. Cassedanne</i>	69
6	Stratabound Barite Ore Fields of North America (Excluding Arkansas) <i>Sandra H. B. Clarke and Forrest G. Poole</i>	93
7	Barite Deposits of Arkansas <i>R. A. Zimmermann and G. C. Amstutz</i>	119
8	Stratiform Barite Ore Fields in Western Europe <i>Yves A. Fuchs</i>	149
9	Stratabound and Karstic Deposits of Barite in Sardinia <i>Giorgio Padalino, Sandro Tocco, and Maurizio Violo</i>	165
10	The Barite Ore Fields of Kuroko-type of Japan <i>Katsumi Marumo</i>	201
11	Barite Nodules and Concretions <i>Milka K. de Brodtkorb</i>	233

vi CONTENTS

12	Magnesite <i>Wolfgang Wetzenstein</i>	255
13	Some Stratabound-Stratiform Fluorite Ore Fields <i>Horacio Magliola-Mundet</i>	279
14	Celestite, Barite, Magnesite, and Fluorspar: Stratabound Settings Through Time and Space <i>Victor A. Ramos and Milka K. de Brodtkorb</i>	297

Index / 323