## Ref. 549.133 MAX

## **CONTENTS**

PART 1 Preliminary Considerations	
1. The nature of the analysis	3
2. Precision and accuracy	18
3. Sampling and sample preparation	36
4. The working environment	61
5. Decomposition of the sample	88
PART II Methods of Analysis-Discussion	
6. Silicates	115
7. Carbonates	303
8. Others	314
PART III Methods of Analysis-Selected Procedures	
9. Silicates	323
10. Carbonates	487
PART IV Methods of Analysis-Special	
11. X-ray emission spectrography	497
12. Atomic absorption spectroscopy	520
APPENDIXES	
Appendix 1. A scheme for conventional silicate rock analysis (fluorine <2%)	536
Appendix 2. A scheme for the rapid chemical analysis of silicate rocks	540
Appendix 3. A scheme for the combined X-ray fluorescence-chemical rapid analysis of silicate rocks	542
Author Index	545
Subject index	559