

CONTENTS

CHAPTER 1 INTRODUCTION	1
CHAPTER 2 ILLITE	5
CHAPTER 3 GLAUCONITE	25
CHAPTER 4 CELADONITE	47
CHAPTER 5 SMECTITE	55
CHAPTER 6 CHLORITE	87
CHAPTER 7 VERMICULITE	99
CHAPTER 8 MIXED-LAYER CLAY MINERALS	107
CHAPTER 9 ATTAPULGITE AND PALYGORSKITE	119
CHAPTER 10 SEPIOLITE	127
CHAPTER 11 KAOLINITE	131
CHAPTER 12 DICKITE AND NACRITE	145
CHAPTER 13 HALLOYSITE	149
CHAPTER 14 ALLOPHANE	155
CHAPTER 15 TRIOCTAHEDRAL 1:1 CLAY MINERALS	159
CHAPTER 16 LOW-TEMPERATURE SYNTHESIS	169
CHAPTER 17 RELATIONS OF COMPOSITION TO STRUCTURE	173
REFERENCES	189
INDEX	207