

**CONTENTS**

1 Introduction	1
2 Crystallography	4
3 Physical mineralogy	149
4 Chemical Mineralogy	172
5 Descriptive Mineralogy	221
6 Occurrence and association of minerals	512
7 Mineral Uses	536
8 Determinative mineralogy	542
Introduction	542
Determinative Tables	546
Minerals Arranged According to Increasing Specific Gravity	547
Subject Index	587
Mineral Index	597