CONTENTS OF No. 357, SEPTEMBER 1986

	page
Rates of Metamorphic Reactions	
B. W. D. YARDLEY and B. HARTE: Mechanisms of reaction meeting and workshop	357
A. C. Lasaga: Metamorphic reaction rates laws and development of isograds	359
J. Ridley: Modelling of the relations between reaction enthalpy and the buffering of reaction progress in metamorphism	375
A. J. Brearley: An electron optical study of muscovite breakdown in pelitic xenoliths during pyrometamorphism	385
D. C. Rubie: The catalysis of mineral reactions by water and restrictions on the presence of aqueous fluid during metamorphism	399
M. B. E. MØRK: Coronite and eclogite formation in olivine gabbro (western Norway): reaction paths and garnet zoning	417
C. T. Foster: Thermodynamic models of reactions involving garnet in a sillimanite/staurolite schist	427
R. JOESTEN: The role of magmatic reaction, diffusion and annealing in the evolution of coronitic microstructure in troctolitic gabbro from Risör, Norway	441
 J. R. ASHWORTH: The role of magmatic reaction, diffusion and annealing in the evolution of coronitic microstructure in troctolitic gabbro from Risör, Norway: a discussion R. JOESTEN: Reply 	469 474
Petrology	
R. S. THORPE, M. E. COSGROVE, and P. W. C. VAN CALSTEREN: Rare-earth element, Sr- and Nd-isotope evidence for petrogenesis of Permian basaltic and K-rich volcanic rocks from SW England	
R. P. Hall, D. J. Hughes, and C. R. L. Friend: Complex sequential pyroxene growth in tholeitic hypabyssal rocks: application of back-scattered electron imagery	491
Mineralogy	
T. Andersen: Compositional variation of some rare earth minerals from the Fen complex (Telemark, SE Norway): implications for the mobility of rare earths in a carbonatite system M. Kimata: Synthetic Mn-kilchoanite—a new development in polymorphism of melilite	
S. Guggenheim and R. A. Eggleton: Cation exchange in ganophyllite	517
D. J. Morgan, S. St. J. Warne, S. B. Warrington, and P. H. A. Nancarrow: Thermal	
decomposition reactions of caledonite and their products	521
J. P. VAUGHAN: The iron end-member of the pyrosmalite series from the Pegmont lead-zinc deposit, Queensland	527
Short Communications	
J. M. Horák and W. Gibbons: Reclassification of blueschist amphiboles from Anglesey, North Wales	533
C. P. Delor and A. F. Leyreloup: Chromium-rich kyanite in an eclogite from the Rouergue area, French Massif Central	535
S. E. Kesson and T. J. White: Comments on 'Priderite stability in the system $K_2MgTi_7O_{16}\text{-Ba}MgTi_7O_{16}\text{'}$	537
J. OSTWALD: A note on chalcophanite formation in a Recent lake	538
Book Reviews	543