

## NUMBER 4

Mineral reactions in pelitic rocks:	
I. Prediction of P–T–X(Fe–Mg) phase relations	
	<i>Alan Bruce Thompson</i> 401
II. Calculation of some P–T–X(Fe–Mg) phase relations	
	<i>Alan Bruce Thompson</i> 425
Carbon dioxide in silicate melts and crystals. Part I. Solubility measurements .....	
	<i>Bjørn O. Mysen, David H. Eggler, M. G. Seitz, and John R. Holloway</i> 455
Initial submarine alteration of basaltic pillow lavas: a microprobe study .....	
	<i>Robert B. Scott and Andrew Hajash, Jr.</i> 480
Equilibria in siliceous dolomites of the Alta aureole, Utah	
	<i>J. N. Moore and D. M. Kerrick</i> 502
Simultaneous evaluation and correlation of thermodynamic data	
	<i>John L. Haas, Jr. and James R. Fisher</i> 525
Fluorine, chlorine, and OH-bearing minerals in the Skaergaard intrusion .....	
	<i>W. P. Nash</i> 546

## REVIEWS

Crystalline Basement of the Antarctic Platform; by Mikhail G. Ravich and Eugene N. Kamenev .....	
	<i>Campbell Craddock</i> 557
Encounter with the Earth; by Léo F. Laporte .....	
	<i>Lawrence Lundgren</i> 559
Erratum .....	560